

RAILTEL CORPORATION OF INDIA LIMITED

(A Govt. of India Undertaking)

Expression of Interest for Selection of Partner from Empaneled Business Associate

For

Selection Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II

EOI No: RailTel/WR/GJ/GIL/VISWAS/Phase-II/EOI/2022-23 dated 27th Feb 2023

EOI NOTICE

RailTel Corporation of India Limited, 15th Floor, GIFT Tower-1, Road-5, Zone-5C, GIFT City, Gandhinagar, Gujarat - 382355

EOI Notice No: RailTel/WR/GJ/GIL/VISWAS/Phase-II/EOI/2022-23 dated 27th Feb 2023

RailTel Corporation of India Ltd., (here after referred to as "RailTel") invites EOIs from RailTel's Empaneled Partners for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II (Cluster wise).

The details are as under:

1	Last date for submission of Technical Packet against EOIs by bidders	02.03.2023 at 11:00 hrs
2	Opening of Technical Bid of EOIs	02.03.2023 at 11:30 hrs
3	Number of copies to be submitted for scope of work	One
4	EOI fees inclusive tax (Non-refundable)	Rs. 5,000/-
5	EMD: i. EMD for single cluster: ₹ 1,50,00,000/- ii. EMD for two clusters: ₹ 3,00,00,000/- iii. EMD for three clusters: ₹ 4,50,00,000/-	i. Token EMD amount: ₹ 5,00,000/- Final EMD amount: ₹ 75,00,000/- ii. Token EMD amount: ₹ 5,00,000/- Final EMD amount: ₹ 1,50,00,000/- iii. Token EMD amount: ₹ 10,00,000/- Final EMD amount: ₹ 2,00,00,000/-

Note:

1. The Token EMD amount is to be submitted along with the EOI documents.
2. The Token EMD amount equal to or less than 5 Lakh shall be submitted via online bank transfer only.
3. Final EMD amount is to be submitted via online bank transfer/ Bank Guarantee/Fixed Deposit.
4. Final EMD amount will be sought from the partner before submission of bid to end customer.
5. The validity of EMD shall be maintained till the finalization of end Customer RFP/Tender i.e., award of order and till submission of Performance Guarantee of requisite value required by end customer on back-to-back basis.

The EMD should be in the favor of RailTel Corporation of India Limited payable at Mumbai through online bank transfer or through Bank Guarantee. Partner needs to share the online payment transfer details like UTR No, date of payment and if submitted as Bank Guarantee then original hard Copy is to be submitted to the below mentioned officers along with the proposal.

RailTel Bank Details: Union Bank of India, Account No. 317801010036605, IFSC Code - UBIN0531782.

Eligible Business Associates are required to direct all communications related to this Invitation for EOI document, through the following Nominated Point of Contact persons:

1. Level 1

Contact Name: Sh. Allan Saji

Designation: Assistant Manager/ Marketing

E-Mail Address : allan.saji@railtelindia.com

Mobile No : +91- 9723718422

2. Level 2

Contact Name: Sh. Sumit Kumar Saurav

Designation: Senior Manager/ Marketing

E-Mail Address: sumit.saurav@railtelindia.com

Mobile No: +91- 9724040018

Note:

1. Empaneled partners are required to submit soft copy of technical packet through an e-mail at eo.i.wr@railtelindia.com, duly signed by Authorized Signatories with Company seal and stamp.
2. The EOI response is invited from eligible **Empaneled Partners of RailTel only**.
3. All the document must be submitted with proper indexing and page no.
4. This is an **exclusive arrangement with empaneled business associate of RailTel for supply of hardware as per end customer requirement**. Selected partner's authorized signatory has to give an undertaking they will not submit directly or indirectly their bids and techno-commercial solution/association with any other organization once selected in this EOI. This undertaking has to be given with this EOI Response.
5. **Transfer and Sub-letting**. The Business Associate has no right to give, bargain, sell, assign or sublet or otherwise dispose of the Contract or any part thereof, as well as to give or to let a third party take benefit or advantage of the present Contract or any part thereof.

1. Introduction about RailTel

RailTel Corporation of India Limited (RailTel), an ISO-9001:2000 organization is a Class-1 Mini-Ratna Government of India undertaking under the Ministry of Railways. The Corporation was formed in Sept 2000 with the objectives to create nationwide Broadband Telecom and Multimedia Network in all parts of the country, to modernize Train Control Operation and Safety System of Indian Railways and to contribute to realization of goals and objective of national telecom policy 1999. RailTel is a wholly owned subsidiary of Indian Railways.

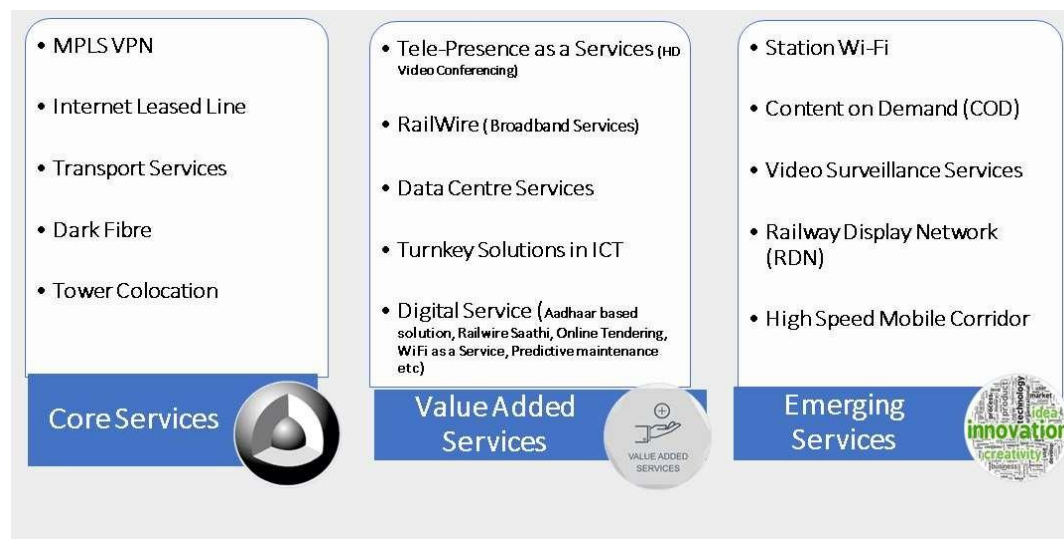
RailTel has approximately 60000 kms of OFC along the protected Railway tracks. The transport network is built on high capacity DWDM and an IP/ MPLS network over it to support mission critical communication requirements of Indian Railways and other customers. RailTel has Tier-III Data Center in Gurgaon and Secunderabad hosting / collocating critical applications. RailTel is also providing Telepresence as a Service (TPaaS), where a High-Definition Video Conference facility bundled with required BW is provided as a Service.

For ensuring efficient administration across India, country has been divided into four regions namely, Eastern, Northern, Southern & Western each headed by Executive Director and Headquartered at Kolkata, New Delhi, Secunderabad & Mumbai respectively. These regions are further divided into territories for efficient working. RailTel has territorial offices at Guwahati, & Bhubaneswar in East, Chandigarh, Jaipur, Lucknow in North, Chennai & Bangalore in South, Bhopal, and Pune & Ahmedabad in West. Various other territorial offices across the country are proposed to be created shortly.

RailTel's business service lines can be categorized into three heads namely B2G/B2B (Business to Government and Business to Business) and B2C (Business to customers):

Licenses & Service portfolio:

Presently, RailTel holds Infrastructure Provider -1, National Long-Distance Operator, International Long Distance Operator and Internet Service Provider (Class-A) licenses under which the following services are being offered to various customers:



a) Carrier Services

- National Long Distance: Carriage of Inter & Intra -circle Voice Traffic across India using state of the art NGN based network through its Interconnection with all leading Telecom Operators
- Lease Line Services: Available for granularities from E1 to multiple of Gigabit bandwidth & above
- Dark Fiber/Lambda: Leasing to MSOs/Telco's along secured Right of Way of Railway tracks
- Co-location Services: Leasing of Space and 1000+ Towers for collocation of MSC/BSC/BTS of Telco's

b) Enterprise Services

- Managed Lease Line Services: Available for granularities from E1, DS-3, STM-1 & above
- MPLS VPN: Layer-2 & Layer-3 VPN available for granularities from 2 Mbps & above
- Dedicated Internet Bandwidth: Experience the "Always ON" internet connectivity at your fingertips in granularities 2 Mbps to several Gbps

c) DATA CENTER

Infrastructure as a service (IaaS), Hosting as Services, Security operation Centre as a Service (SOCaaS): RailTel has MeitY empaneled two Tier-III data centres in Gurgaon & Secunderabad. Presently RailTel is hosting critical applications of Indian Railways, Central & State government/ PSUs applications. RailTel will facilitate Government's applications

/ Hosting services including smooth transition to secured state owned RailTel's Data Centers and Disaster Recovery Centres. RailTel also offers SOC as a Service 'SOCaaS'. In addition, RailTel offers VPN client services so that employees can seamlessly access government's intranet, applications securely from anywhere without compromising security.

- National Long Distance: Carriage of Inter & Intra -circle Voice Traffic across India using state of the art NGN based network through its Interconnection with all leading Telecom Operators
- Lease Line Services: Available for granularities from E1 to multiple of Gigabit bandwidth & above
- Dark Fiber/Lambda: Leasing to MSOs/Telco's along secured Right of Way of Railway tracks
- Co-location Services: Leasing of Space and 1000+ Towers for collocation of MSC/BSC/BTS of Telco's

d) High-Definition Video Conference:

RailTel has unique service model of providing high -definition video conference bundled with Video Conference equipment, bandwidth and FMS services to provide end to end seamless services on OPEX model connecting HQ with other critical offices. RailTel also offers application-based video conference solution for employees to be productive specially during this pandemic situation.

e) Retail Services – RailWire

RailWire: Triple Play Broadband Services for the Masses. RailTel has unique model of delivering broadband services, wherein local entrepreneurs are engaged in delivering & maintaining broadband services and up to 66% of the total revenues earned are shared to these local entrepreneurs in the state, generating jobs and revitalizing local economies. On date RailTel is serving approx. 4,00,000 subscribers on PAN Indian basis. RailTel can provide broadband service across-Government PSU or any organization's officers colonies and residences.

2. Objective of EOI

RailTel intends to Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II

3. Scope of Work

The scope of work under this RFP is selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II. Detailed Scope of Work as per RFP: GIL/Home Dept./VISWAS Phase-II/2022.

Note:

- 1. Depending on RailTel's business strategy RailTel may choose to work with Partner who is most likely to support in submitting a winning bid**
- 2. All Documents and requirements like EMD, Tender Fees, PBG, Contract Agreement to be shared/executed Back-to-Back as per the end customer RFP/Tender**
- 3. In case of any discrepancy or ambiguity in any clause /specification pertaining to scope of work area, the RFP released by end customer organization shall supersede and will be considered sacrosanct. (All associated clarifications, response to queries, revisions, addendum and corrigendum, associated prime service agreement (PSA)/ MSA/ SLA also included.)**

4. Response to EOI guidelines

4.1 Language of Proposals

The proposal and all correspondence and documents shall be written in English in password protected PDF file through an email (size of email should not exceed 20Mb)

4.2 RailTel's Right to Accept/Reject responses

RailTel reserves the right to accept or reject any response and annul the bidding process or even reject all responses at any time prior to selecting the partner, without thereby incurring any liability to the affected bidder or Business Associate or without any obligation to inform the affected bidder or bidders about the grounds for RailTel's action.

4.3 EOI response Document

The bidder is expected to examine all instructions, forms, terms and conditions and technical specifications in the bidding documents. Submission of bids, not substantially responsive to the bidding document in every aspect will be at the bidder's risk and may result in rejection of its bid without any further reference to the bidder.

All pages of the documents shall be signed by the bidder including the closing page in token of his having studied the EOI document and should be submitted along with the bid.

4.4 Period of Validity of bids and Bid Currency

Bids shall remain valid for a period of 180 days from the date of submission of EOI response.

4.5 Bidding Process

The bidding process as defined in para 7.

4.6 Bid Earnest Money (EMD)

4.6.1 The Business Associate shall furnish a sum as given in EOI Notice via online transfer from any scheduled bank in India in favour of "RailTel Corporation of India Limited" along with the offer. This will be called as **EOI EMD**.

4.6.2 Offers not accompanied with valid EOI Earnest Money Deposit shall be summarily rejected.

4.6.3 In case of Business Associate's offer is selected for bidding, a BA has to furnish Earnest Money Deposit (for balance amount as mentioned in the customer's Bid as and if applicable) for the bid to RailTel. The selected Business Associate shall have to submit a Bank Guarantee against EMD in proportion to the quoted value/scope of work to RailTel before submission of bid to end customer as and if applicable.

4.6.4 Return of EMD for unsuccessful Business Associates: EOI EMD of the unsuccessful Business Associate shall be returned without interest after completion of EOI process.

4.6.5 Return of EMD for successful Business Associate: EOI-EMD & Earnest Money Deposit (balance proportionate EMD) if applicable and Integrity Pact BG of the successful bidder will be discharged / returned as promptly as possible after the receipt of RailTel's EMD/BG from the Customer and or on receipt of Security Deposit Performance Bank Guarantee as applicable (clause no. 4.7) from Business Associate whichever is later.

4.6.6 Forfeiture of EOI EMD or EOI EMD & EMD (balance proportionate EMD) and or Penal action as per EMD Declaration:

4.6.6.1 The EOI EMD may be forfeited and or penal action shall be initiated if a Business Associate withdraws his offer or modifies the terms and conditions of the offer during validity period.

4.6.6.2 In case of non-submission of SD/PBG (as per clause no. 4.7) lead to forfeiture of EOI EMD,

EMD (balance proportionate EMD) if applicable and Integrity Pact BG and or suitable action as prescribed in the EMD Declaration shall be initiated as applicable.

4.7 Security Deposit / Performance Bank Guarantee (PBG)

4.7.1 In case the bid is successful, the PBG of requisite amount proportionate to the agreed scope of the work will have to be submitted to RailTel.

4.7.2 As per work share arrangements agreed between RailTel and Business Associate the PBG will be proportionately decided and submitted by the selected Business Associate.

4.8 Last date & time for Submission of EOI response

EOI response must be submitted to RailTel at the email address specified in the preamble not later than the specified date and time mentioned in the preamble.

4.9 Modification and/or Withdrawal of EOI response

EOI response once submitted will be treated, as final and no modification will be permitted except with the consent of the RailTel.

No Business Associate shall be allowed to withdraw the response after the last date and time for submission.

The successful Business Associate will not be allowed to withdraw or back out from the response commitments. In case of withdrawal or back out by the successful business associate, the Earnest Money Deposit shall be forfeited and all interests/claims of such Business Associate shall be deemed as foreclosed.

4.10 Details of Financial bid for the above referred tender

Business Associate meeting all the technical specifications will be asked to submit price bid in the second stage. BA with overall lowest (L1) offer will be selected.

4.11 Clarification of EOI Response

To assist in the examination, evaluation and comparison of bids the purchaser may, at its discretion, ask the Business Associate for clarification. The response should be in writing and no change in the price or substance of the EOI response shall be sought, offered or permitted.

4.12 Period of Association/Validity of Agreement

RailTel will enter into an agreement with selected bidder with detailed Terms and conditions.

5. Pre-Qualification Criteria for Bidding Business Partner of RailTel

S/N	Qualification criteria	Documents Required
1	Bidder should be a company registered under Companies Act, 1956 and should have been operating for the last four years as on bid issuance date	Copy of Certificates of incorporation
2	Bidder should be an established IT/ITES/ICT /Telecom/Security Surveillance Solutions System Integrator and should have been engaged in setting- up and Operations & Maintenance Services of Network (Active or Passive) and Data Centres for a period of at least Four years as on bid issuance date.	Work Orders / Client Certificates confirming year and area of activity should be enclosed.
3	<p>In case bidder want to quote for any one cluster then bidder should have the minimum average annual financial turnover of Rs. 30 crores during any of the 3 out of last 4 financial years (FY 2018-19, 2019-20, 2020-21, and 2021-22)</p> <p>In case bidder want to quote for any two clusters then bidder should have the minimum average annual financial turnover of Rs. 60 crores during any of the 3 out of last 4 financial years (FY 2018-19, 2019-20, 2020-21, and 2021-22)</p> <p>In case bidder want to quote for all three clusters then, bidder should have the minimum average annual financial turnover of Rs. 90 crores during any of the 3 out of last 4 financial years (FY 2018- 19, 2019-20, 2020-21, and 2021-22)</p> <p>Note:</p> <p>a. The average annual Turnover in any of the 3 out of last 4 financial years (FY 2018-19, 2019-20, 2020-21, and 2021-22) will be considered.</p>	Certificate from the CA highlighting turnover along with the copies of audited Balance sheet for any of the 3 out of last 4 financial years (FY 2018-19, 2019-20, 2020-21, and 2021-22)
4	The bidder must have positive net worth and should be Profit making in any three financial years out of last four financial years (2018- 19, 2019-20, 2020-21, 2021-22)	<p>Audited and Certified Balance Sheet and Profit/Loss Account of any 3 Financial Years out of last four financial years (2018- 19,2019-20 , 2020-21, 2021-22) should be enclosed.</p> <p>Statutory auditors/ CA certificate mentioning net profit of the bidder should be enclosed.</p>
5	In case bidder want to quote for any one cluster then, bidder should have demonstrable expertise and experience in executing at least ONE project of Network Integration / Systems Integration/Data Centre (setting up or O&M) anytime during last ten years as on bid issuance date, having a minimum value of Rs. 10 crores or TWO projects having a minimum value of Rs. 05 crores each.	<p>Details of such projects undertaken along with clients' on- going/completion certification/ letter stating project value should be enclosed.</p> <p>Undertaking from the Parent company to support its wholly owned subsidiary.</p>

	<p>In case bidder want to quote for any two clusters then, bidder should have demonstrable expertise and experience in executing at least ONE project of Network Integration / Systems Integration/Data Centre (setting up or O&M) anytime during last ten years as on bid issuance date, having a minimum value of Rs. 30 crores or TWO projects having a minimum value of Rs. 15 crores each.</p> <p>In case bidder want to quote for all three clusters then, bidder should have demonstrable expertise and experience in executing at least ONE project of Network Integration / Systems Integration/Data Centre (setting up or O&M) anytime during last ten years as on bid issuance date, having a minimum value of Rs. 40 crores or TWO projects having a minimum value of Rs. 20 crores each.</p> <p>Note: In case Bidder is a wholly owned subsidiary of its Ultimate Parent Company then technical experience of parent/subsidiary/Sister concern having ultimate parent would be considered for eligibility</p> <p>Note: A Bidder can only submit one bid against the RFP either for one cluster or for two clusters or for all clusters as per his eligibility. However, he cannot submit more than one bid in response to the RFP</p>	
6	Bidder should not be blacklisted by any Ministry of Government of India or by Government of any other State in India or by Government of Gujarat or any of the Government PSUs at the time of bidding.	Certificate / affidavit/ Self- Declaration Form must be submitted as per Format IX of this RFP Document
7	<p>OEMs of proposed equipment/components should have their own registered office in India as per the prevalent/ applicable laws of India and be in operation in India for last five years as on the bid issuance date.</p> <p>Registered offices by way of Joint ventures, Franchise, agency, distribution partners will not be considered.</p> <p>a.) OEMs for networking devices at aggregation layer and data centre layer should be in Leader/challenger quadrants of the latest Gartner's Magic Quadrant for data centre networking. or OEM of quoted Switch should be qualified as Make in India as per public procurement (Preference to Make in India) order 2017 & its revision issued time by time. As per GR, quoted Switch should have 60% domestic value addition in terms of Bill of Material to qualify as domestically manufactured. AND The Manufacturer of the Network switch should have installation base of 1500 nos. of Managed/PoE switches in India.</p>	Undertaking & copies of supporting documents from the Bidder confirming the compliance along with the OEM authorization.

	<p>b.) OEM for end point/edge location's network switch should be in the top Five positions in terms of market share in India as per latest available IDC report or should be present in latest Gartner magic Quadrant. or OEM of quoted Switch should be qualified as Make in India as per public procurement (Preference to Make in India) order 2017 & its revision issued time by time. As per GR, quoted Switch should have 60% domestic value addition in terms of Bill of Material to qualify as domestically manufactured. AND The Manufacturer of the Network switch should have installation base of 1500 nos. of Managed/PoE switches in India.</p> <p>c.) OEM for storage should be from companies featuring in Gartner magic quadrant in leadership position. AND The Manufacturer of the storage should have installation base of 1500 nos. of storage in India.</p>	
8	The bidder should have a Permanent Office in Gujarat or should setup in 45 days from the award of Work Order.	<p>Copies of any two of the followings: Property Tax/ Electricity/ Telephone Bill/ VAT/ CST Registration / Lease agreement. Or Undertaking to open Office in Gujarat</p>

6. BA's Profile

The BA shall provide the information in the below table:

S. No.	ITEM	Details
1.	Full name of BA's firm	
2.	Full address, telephone numbers, fax numbers, and email address of the primary office of the organization / main / head / corporate office	
3.	Name, designation and full address of the Chief Executive Officer of the bidder's organization as a whole, including contact numbers and email Address	
4.	Full address, telephone and fax numbers, and email addresses of the office of the organization dealing with this tender	
5.	Name, designation and full address of the person dealing with the tender to whom all reference shall be made regarding the tender enquiry. His/her telephone, mobile, Fax and email address	
6.	Bank Details (Bank Branch Name, IFSC Code, Account number)	
7.	GST Registration number	

7. Evaluation Criteria

- 7.1 The Business Associates are first evaluated on the basis of the Eligibility Criteria as per clause 5 above.
- 7.2 The Business Associate who fulfills the Eligibility criteria of Bidding BA shall be further evaluated on all the points of Technical Specifications detailed as per Annexure -6.
- 7.3 The Business Associate complying with all parameters (Annexure-6) will be asked to submit price bid. The Lowest (L1) price bidder will be selected and entered into agreement with for delivery of the work.
- 7.4 RailTel reserves the right to accept or reject the response against this EOI, without assigning any reasons. The decision of RailTel is final and binding on the participants. The RailTel evaluation committee will determine whether the proposal/ information is complete in all respects and the decision of the evaluation committee shall be final. RailTel may at its discretion assign lead factor to the Business associate as per RailTel policy for shortlisting partner against this EOI.
- 7.5 All General requirement mentioned in the Technical Specifications are required to be complied. The solution proposed should be robust and scalable.

8. Payment terms

- 8.1 RailTel shall make payment to selected Business Associate after receiving payment from Customer for the agreed scope of work. In case of any penalty or deduction made by customer for the portion of work to be done by BA, same shall be passed on to Business Associate.
- 8.2 All payments by RailTel to the Partner will be made after the receipt of payment by RailTel from end Customer organization.

9 SLA

The selected bidder will be required to adhere to the SLA matrix if/as defined by the end Customer. SLA breach penalty will be applicable proportionately on the selected bidder, as specified by the end Customer. The SLA scoring and penalty deduction mechanism for in-scope of work area shall be followed as specified by the customer. All associated clarifications, responses to queries, revisions, addendum and corrigendum, associated Prime Services Agreement (PSA)/ MSA/ SLA also included. Any deduction by Customer from RailTel payments on account of SLA breach which is attributable to Partner will be passed on to the Partner proportionately based on its scope of work.

Note: Depending on RailTel's business strategy RailTel may choose to work with Partner who is most likely to support in submitting a winning bid.

Annexure 1: Format for COVERING LETTER

COVERING LETTER (To be on company letter head)

Eol Reference No:

Date:

To,

General Manager,
RailTel Corporation of India Limited,
15th Floor, GIFT Tower-1,
Road-5, Zone-5C, GIFT City,
Gandhinagar, Gujarat - 382355

Dear Sir,

SUB: Participation in the Eol process

Having examined the Invitation for Eol document bearing the reference number _____ released by your esteemed organization, we, undersigned, hereby acknowledge the receipt of the same and offer to participate in conformity with the said Invitation for Eol document.

If our application is accepted, we undertake to abide by all the terms and conditions mentioned in the said Invitation for Eol document.

We hereby declare that all the information and supporting documents furnished as a part of our response to the said Invitation for Eol document, are true to the best of our knowledge. We understand that in case any discrepancy is found in the information submitted by us, our Eol is liable to be rejected.

We hereby Submit EMD amount of Rs. _____ issued vide _____ from Bank _____.

Authorized Signatory
Name
Designation

Annexure 2: Format for Self-Certificate & Undertaking

Self-Certificate (To be on company letter head)

EOI Reference No:

Date:

To,

General Manager,
RailTel Corporation of India Limited,
15th Floor, GIFT Tower-1,
Road-5, Zone-5C, GIFT City,
Gandhinagar, Gujarat - 382355

Dear Sir,

Sub: Self Certificate for Tender, Technical & other compliances

- 1) Having examined the technical specifications mentioned in this EOI & end customer tender, we hereby confirm that we meet all specification.
- 2) We_____agree to abide by all the technical, commercial & financial conditions of the end customer RFP for which EOI is submitted (except pricing, termination & risk purchase rights of the RailTel). We understand and agree that RailTel shall release the payment to selected BA after the receipt of corresponding payment from end customer by RailTel. Further we understand that in case selected BA fails to execute assigned portion of work, then the same shall be executed by RailTel through third party or departmentally at the risk and cost of selected BA.
- 3) We agree to abide by all the technical, commercial & financial conditions of the end customer's RFP for the agreed scope of work for which this EOI is submitted.
- 4) We hereby agree to comply with all OEM technical & Financial documentation including MAF, Technical certificates/others as per end-to-end requirement mentioned in the end customer's RFP. We are hereby enclosing the arrangement of OEMs against each of the BOQ item quoted as mentioned end customer's RFP. We also undertake to submit MAF and other documents required in the end Customer organization tender in favor of RailTel against the proposed products.
- 5) We hereby undertake to work with RailTel as per end customer's RFP terms and conditions. We confirm to submit all the supporting documents constituting/ in compliance with the Criteria as required in the end customer's RFP terms and conditions like technical certificates, OEM compliance documents.

- 6) We understand and agree that RailTel is intending to select a BA who is willing to accept all terms & conditions of end customer organization's RFP for the agreed scope of work. RailTel will strategies to retain scope of work where RailTel has competence.
- 7) We hereby agree to submit that in case of being selected by RailTel as BA for the proposed project (for which EOI is submitted), we will submit all the forms, appendix, relevant documents etc. to RailTel that is required and desired by end Customer well before the bid submission date by end customer and as and when required.
- 8) We hereby undertake to sign Bid Agreement and Non-Disclosure Agreement with RailTel on a non-judicial stamp paper of Rs. 100/- in the prescribed Format.

Authorized

Signatory Name &

Designation

Annexure 3: Undertaking for not Being Blacklisted/Debarred

<On Company Letter Head>

To,

General Manager,
RailTel Corporation of India Limited,
15th Floor, GIFT Tower-1,
Road-5, Zone-5C, GIFT City,
Gandhinagar, Gujarat - 382355

Subject: **Undertaking for not Being Blacklisted/Debarred**

We, Company Name, having its registered office at Address

hereby declares that that the Company has not been blacklisted/debarred by any

Governmental/ Non-Governmental organization in India for past 3 Years as on bid submission date.

Date and Place

Authorized Signatory's Signature:

Authorized Signatory's Name and Designation:

Bidder's Company Seal:

Annexure 4: Format of Affidavit

FORMAT FOR AFFIDAVIT TO BE UPLOADED BY BA ALONGWITH THE EOI DOCUMENTS

(To be executed in presence of public notary on non-judicial stamp paper of the value of Rs. 100/-.
The paper has to be in the name of the BA) **

I..... (Name and designation) ** appointed as the attorney/authorized signatory of the BA (including its constituents),
M/s.....(hereinafter called the BA) for the purpose of the EOI documents for the work of as per the EOI No. of (RailTel Corporation of India Ltd.), do hereby solemnly affirm and state on the behalf of the BA including its constituents as under:

1. I/we the BA (s), am/are signing this document after carefully reading the contents.
2. I/we the BA(s) also accept all the conditions of the EOI and have signed all the pages in confirmation thereof.
3. I/we hereby declare that I/we have downloaded the EOI documents from RailTel website www.railtelindia.com. I/we have verified the content of the document from the website and there is no addition, no deletion or no alternation to be content of the EOI document. In case of any discrepancy noticed at any stage i.e. evaluation of EOI, execution of work or final payment of the contract, the master copy available with the RailTel Administration shall be final and binding upon me/us.
4. I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
5. I/we also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.
6. I/we declare that the information and documents submitted along with the EOI by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.
7. I/we undersigned that if the certificates regarding eligibility criteria submitted by us are found to be forged/false or incorrect at any time during process for evaluation of EOI, it shall lead to forfeiture of the EOI EMD besides banning of business for five years on entire RailTel. Further, I/we (insert name of the BA) **.....and all my/our constituents understand that my/our constituents understand that my/our offer shall be summarily rejected.
8. I/we also understand that if the certificates submitted by us are found to be false/forged or incorrect at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of EMD/SD and Performance guarantee besides any other action provided in the contract including banning of business for five years on entire RailTel.

DEPONENT
SEAL AND SIGNATURE
OF THE BA

VERIFICATION

I/We above named EOI do hereby solemnly affirm and verify that the contents of my/our above affidavit are true and correct. Nothing has been concealed and no part of it is false.

DEPONENT

SEAL AND SIGNATURE
OF THE BA

Place:

Dated:

****The contents in Italics are only for guidance purpose. Details as appropriate, are to be filled in suitably by BA. Attestation before Magistrate/Notary Public.**

Annexure-5: Non-Disclosure Agreement (NDA) Format

NON-DISCLOSURE AGREEMENT

This Non-Disclosure Agreement (this “**Agreement**”) is made and entered into on this _____ day of _____, 2023 (the “**Effective Date**”) at _____.

By and between

RailTel Corporation of India Limited, (CIN: L64202DL2000GOI107905), a Public Sector Undertaking under Ministry of Railways, Govt. of India, having its registered and corporate office at Plate-A, 6th Floor, Office Block, Tower -2, East Kidwai Nagar, New Delhi-110023, (hereinafter referred to as '**RailTel**'), which expression shall unless repugnant to the context or meaning thereof, deem to mean and include its successors and its permitted assignees of the ONE PART,

And

_____ (CIN: _____), a company duly incorporated under the provisions of Companies Act, _____ having its registered office at _____, (hereinafter referred to as '**_____**'), which expression shall unless repugnant to the context or meaning thereof, deem to mean and include its successors and its permitted assignees of OTHER PART RailTel and _____ shall be individually referred to as “Party” and jointly as “Parties” WHEREAS, RailTel and _____, each possesses confidential and proprietary information related to its business activities, including, but not limited to, that information designated as confidential or proprietary under Section 2 of this Agreement, as well as technical and non-technical information, patents, copyrights, trade secrets, know-how, financial data, design details and specifications, engineering, business and marketing strategies and plans, forecasts or plans, pricing strategies, formulas, procurement requirements, vendor and customer lists, inventions, techniques, sketches, drawings, models, processes, apparatus, equipment, algorithms, software programs, software source documents, product designs and the like, and third party confidential information (collectively, the “**Information**”); WHEREAS, the Parties have initiated discussions regarding a possible business relationship for _____.

WHEREAS, each Party accordingly desires to disclose certain Information (each Party, in such disclosing capacity, the “**Disclosing Party**”) to the other Party (each Party, in such receiving capacity, the “**Receiving Party**”) subject to the terms and conditions of this Agreement.

NOW THEREFORE, in consideration of the receipt of certain Information, and the mutual promises made in this Agreement, the Parties, intending to be legally bound, hereby agree as follows:

Permitted Use.

Receiving Party shall:

hold all Information received from Disclosing Party in confidence;

use such Information for the purpose of evaluating the possibility of entering into a commercial arrangement between the Parties concerning such Information; and

restrict disclosure of such Information to those of Receiving Party's officers, directors, employees, affiliates, advisors, agents and consultants (collectively, the “**Representatives**”) who the Receiving Party, in its reasonable discretion, deems need to know such Information, and are bound by the terms and conditions of (1) this Agreement,

or (2) an agreement with terms and conditions substantially similar to those set forth in this Agreement.

The restrictions on Receiving Party's use and disclosure of Information as set forth above shall not apply to any Information that Receiving Party can demonstrate:

is wholly and independently developed by Receiving Party without the use of Information of Disclosing Party;

at the time of disclosure to Receiving Party, was either (A) in the public domain, or (B) known to Receiving Party;

is approved for release by written authorization of Disclosing Party; or

is disclosed in response to a valid order of a court or other governmental body in the India or any political subdivision thereof, but only to the extent of, and for the purposes set forth in, such order; provided, however, that Receiving Party shall first and immediately notify Disclosing Party in writing of the order and permit Disclosing Party to seek an appropriate protective order.

(c) Both parties further agree to exercise the same degree of care that it exercises to protect its own Confidential Information of a like nature from unauthorised disclosure, but in no event shall a less than reasonable degree of care be exercised by either party.

Designation.

Information shall be deemed confidential and proprietary and subject to the restrictions of this Agreement if, when provided in:

written or other tangible form, such Information is clearly marked as proprietary or confidential when disclosed to Receiving Party; or

oral or other intangible form, such Information is identified as confidential or proprietary at the time of disclosure.

Cooperation. Receiving Party will immediately give notice to Disclosing Party of any unauthorized use or disclosure of the Information of Disclosing Party.

Ownership of Information. All Information remains the property of Disclosing Party and no license or other rights to such Information is granted or implied hereby. Notwithstanding the foregoing, Disclosing Party understands that Receiving Party may currently or in the future be developing information internally, or receiving information from other parties that may be similar to Information of the Disclosing Party. Notwithstanding anything to the contrary, nothing in this Agreement will be construed as a representation or inference that Receiving Party will not develop products, or have products developed for it, that, without violation of this Agreement, compete with the products or systems contemplated by Disclosing Party's Information.

No Obligation. Neither this Agreement nor the disclosure or receipt of Information hereunder shall be construed as creating any obligation of a Party to furnish Information to the other Party or to enter into any agreement, venture or relationship with the other Party.

Return or Destruction of Information.

All Information shall remain the sole property of Disclosing Party and all materials containing any such Information (including all copies made by Receiving Party) and its Representatives shall be returned or destroyed by Receiving Party immediately upon the earlier of:

termination of this Agreement;

expiration of this Agreement; or

Receiving Party's determination that it no longer has a need for such Information.

Upon request of Disclosing Party, Receiving Party shall certify in writing that all Information received by Receiving Party (including all copies thereof) and all materials containing such Information (including all copies thereof) have been destroyed.

Injunctive Relief: Without prejudice to any other rights or remedies that a party may have, each party acknowledges and agrees that damages alone may not be an adequate remedy for any breach of this Agreement, and that a party shall be entitled to seek the

remedies of injunction, specific performance and/or any other equitable relief for any threatened or actual breach of this Agreement

Notice.

Any notice required or permitted by this Agreement shall be in writing and shall be delivered as follows, with notice deemed given as indicated:

by personal delivery, when delivered personally;

by overnight courier, upon written verification of receipt; or

by certified or registered mail with return receipt requested, upon verification of receipt.

Notice shall be sent to the following addresses or such other address as either Party specifies in writing.

RailTel Corporation of India limited:

Attn: _____

Address: _____

Phone: _____

Email: _____

_____:

Attn: _____

Address: _____

Phone: _____

Email: _____

Term, Termination and Survivability.

Unless terminated earlier in accordance with the provisions of this agreement, this Agreement shall be in full force and effect for a period of _____ years from the effective date hereof.

Each party reserves the right in its sole and absolute discretion to terminate this Agreement by giving the other party not less than 30 days' written notice of such termination.

Notwithstanding the foregoing clause 9(a) and 9 (b), Receiving Party agrees that its obligations, shall:

In respect to Information provided to it during the Term of this agreement, shall survive and continue even after the expiry of the term or termination of this agreement; and not apply to any materials or information disclosed to it thereafter.

Governing Law and Jurisdiction. This Agreement shall be governed in all respects solely and exclusively by the laws of India without regard to its conflicts of law principles. The Parties hereto expressly consent and submit themselves to the jurisdiction of the courts of New Delhi.

Counterparts. This agreement is executed in duplicate, each of which shall be deemed to be the original and both when taken together shall be deemed to form a single agreement

No Definitive Transaction. The Parties hereto understand and agree that no contract or agreement with respect to any aspect of a potential transaction between the Parties shall be deemed to exist unless and until a definitive written agreement providing for such aspect of the transaction has been executed by a duly authorized representative of each Party and duly delivered to the other Party (a "**Final Agreement**"), and the Parties hereby waive, in advance, any claims in connection with a possible transaction unless and until the Parties have entered into a Final Agreement.

Settlement of Disputes:

The parties shall, at the first instance, attempt to resolve through good faith negotiation and consultation, any difference, conflict or question arising between the parties hereto

relating to or concerning or arising out of or in connection with this agreement, and such negotiation or consultation shall begin promptly after a Party has delivered to another Party a written request for such consultation.

In the event of any dispute, difference, conflict or question arising between the parties hereto, relating to or concerning or arising out of or in connection with this agreement, is not settled through good faith negotiation or consultation, the same shall be referred to arbitration by a sole arbitrator.

The sole arbitrator shall be appointed by CMD/RailTel out of the panel of independent arbitrators maintained by RailTel, having expertise in their respective domains. The seat and the venue of arbitration shall be New Delhi. The arbitration proceedings shall be in accordance with the provision of the Arbitration and Conciliation Act 1996 and any other statutory amendments or modifications thereof. The decision of arbitrator shall be final and binding on both parties. The arbitration proceedings shall be conducted in English Language. The fees and cost of arbitration shall be borne equally between the parties.

CONFIDENTIALITY OF NEGOTIATIONS

Without the Disclosing Party's prior written consent, the Receiving Party shall not disclose to any Person who is not a Representative of the Receiving Party the fact that Confidential Information has been made available to the Receiving Party or that it has inspected any portion of the Confidential Information or that discussions between the Parties may be taking place.

REPRESENTATION

The Receiving Party acknowledges that the Disclosing Party makes no representation or warranty as to the accuracy or completeness of any of the Confidential Information furnished by or on its behalf. Nothing in this clause operates to limit or exclude any liability for fraudulent misrepresentation.

ASSIGNMENT

Neither this Agreement nor any of the rights, interests or obligations under this Agreement shall be assigned, in whole or in part, by operation of law or otherwise by any of the Parties without the prior written consent of each of the other Parties. Any purported assignment without such consent shall be void. Subject to the preceding sentences, this Agreement will be binding upon, inure to the benefit of, and be enforceable by, the Parties and their respective successors and assigns.

EMPLOYEES AND OTHERS

Each Party shall advise its Representatives, contractors, subcontractors and licensees, and shall require its Affiliates to advise their Representatives, contractors, subcontractors and licensees, of the obligations of confidentiality and non-use under this Agreement, and shall be responsible for ensuring compliance by its and its Affiliates' Representatives, contractors, subcontractors and licensees with such obligations. In addition, each Party shall require all persons and entities who are not employees of a Party and who are provided access to the Confidential Information, to execute confidentiality or non-disclosure agreements containing provisions no less stringent than those set forth in this Agreement. Each Party shall promptly notify the other Party in writing upon learning of any unauthorized disclosure or use of the Confidential Information by such persons or entities.

NO LICENSE

Nothing in this Agreement is intended to grant any rights to under any patent, copyright, or other intellectual property right of the Disclosing Party, nor will this Agreement grant the Receiving Party any rights in or to the Confidential Information of the Disclosing Party, except as expressly set forth in this Agreement.

RELATIONSHIP BETWEEN PARTIES:

Nothing in this Agreement or in any matter or any arrangement contemplated by it is intended to constitute a partnership, association, joint venture, fiduciary relationship or other cooperative entity between the parties for any purpose whatsoever. Neither party has any power or authority to bind the other party or impose any obligations on it and neither party shall purport to do so or hold itself out as capable of doing so.

20: UNPULISHED PRICE SENSITIVE INFORMATION (UPSI)

_____ agrees and acknowledges that_____, its Partners, employees, representatives etc., by virtue of being associated with RailTel and being in frequent communication with RailTel and its employees, shall be deemed to be "Connected Persons" within the meaning of SEBI (Prohibition of Insider Trading) Regulations, 2015 and shall be bound by the said regulations while dealing with any confidential and/ or pricesensitive information of RailTel.____shall always and at all times comply withthe obligations and restrictions contained in the said regulations. In terms of the said regulations,____ shall abide by the restriction on communication, providing or allowing access to any Unpublished Price Sensitive Information (UPSI) relating to RailTel as well as restriction on trading of its stock while holding such Unpublished Price SensitiveInformation relating to RailTel

MISCELLANEOUS. This Agreement constitutes the entire understanding among the Parties as to the Information and supersedes all prior discussions between them relating thereto. No amendment or modification of this Agreement shall be valid or binding on the Parties unless made in writing and signed on behalf of each Party by its authorized representative. The failure or delay of any Party to enforce at any time any provision of this Agreement shall not constitute a waiver of such Party's right thereafter to enforce each and every provision of this Agreement. In the event that any of the terms, conditions or provisions of this Agreement are held to be illegal, unenforceable or invalid by any court of competent jurisdiction, the remaining terms, conditions or provisions hereof shall remain in full force and effect. The rights, remedies and obligations set forth herein are in addition to, and not in substitution of, any rights, remedies or obligations which may be granted or imposed under law or in equity.

IN WITNESS WHEREOF, the Parties have executed this Agreement on the date set forth above.

_____:

RailTel Corporation of India Limited:

By _____

By _____

Name:

Name:

Title:

Title:

Witnesses

Annexure 6: Compliance Certificate

The General Manager
15th Floor, GIFT Tower-1,
Road-5, Zone-5C, GIFT City,
Gandhinagar, Gujarat - 382355

Dear Sir,

This is in response to the Invitation for EoI for the “Selection Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II”

We have applied for EoI issued by RailTel Corporation of India Ltd. We hereby covenant, warrant and confirm that we hereby comply with all the terms and conditions/ stipulations as contained in the Invitation for RFQ document including RFP: GEM/2023/B/3005524.

Date:

Signature with seal - (in the box)

Name: _____

Designation: _____

Annexure 7: PRICE BID

As per Client Tender No. “GeM No. GEM/2023/B/3005524 Dt. 18.01.2023” for “Selection Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II”

Annexure 8: Format of MAF/OEM Authorization

(MAF can be modified as per Client's Tender No. "GeM No. GEM/2023/B/3005524 Dt. 18.01.2023" for "Selection Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II"

To
DGM (Tech)
Gujarat Informatics Ltd.
Block No. 2, 2nd Floor, C & D Wing, Karmayogi
Bhavan, Sector 10A, Gandhinagar- 382010,
Gujarat

Tender Ref No: GEM/2023/B/3005524 dated. 18.01.2023

Subject: "Request for proposal (RFP) for selection of Implementing agency for Supply, Installation and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat"

Dear Sir,

I/We [manufacturer] having our office/works at.....hereby certify that M/s [Bidder] is an authorized [relationship] of [manufacturer] and they are authorized to represent [manufacturer] in submitting their bid for.....[product& services] and conclude the contract with you.

We..... [manufacturer] are confident of M/s [Bidder's] ability to represent us and provide full support in making your project successful. We [manufacturer] have authorized to quote for this tender.

I / We hereby commit & confirm the following:

- a. The duration of the service support will be for a period of five years from the date of supply of equipment.
- b. The service support will be provided onsite and will not be charged extra.
- c. The service support will be comprehensive hence no extra charge is to be paid for any Hardware failure.

Signature

Name

Designation

Annexure 9: Self-Declaration of Financial Standing

Date:

To,

**The General Manager
15th Floor, GIFT Tower-1,
Road-5, Zone-5C, GIFT City,
Gandhinagar, Gujarat - 382355**

Subject: Self Declaration of Financial Standing.

Reference – GEM/2023/B/3005524 Dated 18.01.2023

Sir/Madam,

We hereby declare that presently our Company/firm
_____ is not be under liquidation court receivership
or similar proceeding and bankrupt.

If this declaration is found to be incorrect, then without prejudice to any other action that may be taken, my/our security may be forfeited in full and the tender if any to the extent accepted may be cancelled.

With Regards,
Name of Authorized signatory

Annexure 10: Performa for Format for Declaration for acceptance of all Terms & Conditions

**Declaration for acceptance of all Terms & Conditions of the
EOI No: RailTel/WR/GJ/GIL/VISWAS/Phase-II/EOI/2022-23 dated 06th Feb 2023**

We M/s ()_____

Having registered office at (Address)

2. Agree to all the Terms & Conditions of the
RFQ Ref: GEM/2023/B/3005524 Dated 18.01.2023 issued by RAILTEL.
3. Our offer will remain valid for 180 days from the date of opening of the RFQ.
4. We confirm that we have the necessary resources & capabilities to undertake the work as specified in the schedule of work as per all terms and conditions given in the above RFQ. We have also understood the process of submitting bid to RAILTEL and Instructions given in the above Tender. Further, we confirm that we shall execute the work against this price discovery for scope as specified in this RFQ.
5. We also agree that RailTel has the right to reject all RFQ, in part or in full without assigning any reason whatsoever.
6. This RFQ along with other documents as stipulated in RFQ together with your written acceptance thereof shall constitute a binding contract between us.

Date:-

Name of the Company: -

Signature & Seal:

Annexure 11: EMD as Bank Guarantee

{ Ahmedabad <Date> }

**To,
The General Manager
15th Floor, GIFT Tower-1,
Road-5, Zone-5C, GIFT City,
Gandhinagar, Gujarat - 382355**

Whereas _____ (hereinafter called 'the Bidder') has submitted the bid for Submission of EoI No: _____ dated _____ for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II (hereinafter called "the Bid") to RailTel Corporation of India Ltd

Know all Men by these presents that we <Bank Name> having our office at <Address> (hereinafter called "the Bank") are bound unto RailTel Corporation of India Ltd (hereinafter called "the Purchaser") in the sum of Rs. 1,50,00,000/- (Rupees One Crore and Fifty Lakhs only) for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents.

Sealed with the Common Seal of the said Bank this <insert date>

The conditions of this obligation are:

1. If the Bidder having its bid withdrawn during the period of bid validity specified by the Bidder on the Bid Form; or
2. Having participated with another party/consortium apart from RailTel in RailTel's end customer Tender; or
3. If the Bidder, having been notified of the acceptance of its bid by the Purchaser during the period of validity of bid
 - a. Withdraws his participation from the bid during the period of validity of bid document; or
 - b. Fails or refuses to participate for failure to respond in the subsequent Tender process after having been short listed.

We undertake to pay to the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to <Date> and including 45 from the last date of bid validity and any demand in respect thereof should reach the Bank not later than the above date.

NOTWITHSTANDING ANYTHING CONTAINED HEREIN:

- I. Our liability under this Bank Guarantee shall not exceed Rs. 1,50,00,000/- (Rupees One Crore and Five Lakhs only)
- II. This Bank Guarantee shall be valid upto <Date>
- III. It is condition of our liability for payment of the guaranteed amount or any part thereof arising under this Bank Guarantee that we receive a valid written claim or demand for payment under this Bank Guarantee on or before <Date> failing which our liability under the guarantee will automatically cease.

(Authorized Signatory of the Bank)

Seal:

Date: <Date>

Annexure 12: Performance Bank Guarantee Format

(For a sum of x% of the value of the contract as per RailTel's end customer RFP/tender)
(Stamp Duty to be confirmed by RailTel in co-ordination with RailTel's Legal Department)

Ref. No. :
Date :
Bank Guarantee No. :

To
<Insert complete postal address>

THIS INDENTURE made this <current date> day of <current Month> 2022, BETWEEN THE <Bank Name>, a Company incorporated and registered under the Indian companies act, 1913 and deemed to exist within the companies Act 1956, and governed by the Banking Regulation Act, 1949 and having its registered office at <Address>, and its corporate office at <Address>, India and having one of its Branch Office at <Mumbai Branch Office> (hereinafter referred to as "the Bank" which expression shall be deemed to includes its successors and assigns) of the first part and

<Bidders Company Name> a company incorporated under the Indian Companies Act 1956 having its Registered Office at <Address>, Corporate Office at <Address> and its Regional Office at <Mumbai Office Address> (hereinafter referred to as 'the Contractor/s') of the second part and

RailTel Corporation of India Ltd (hereinafter referred to as 'RailTel') of the third part WHEREAS the Contractor/s have submitted to RailTel EoI/Quotation for the execution of Selection of Service Integrator (SI) For **Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II** vide <EoI No> Dated <Date of EoI> and the terms of such EoI/Tender/Quotation/contract require that the Contractor/s shall deposit with RailTel as the security a sum of Rs. <Amount>/- (in figures and words<in words> only Including all Taxes and contingencies and any other costs mentioned as per LOI and RailTel Terms)AND WHEREAS if and when any such EoI/Tender/Quotation is accepted byRailTel the contract to be entered into in furtherance thereof by the Contractor/s will provide that such deposit shall remain with and be appropriated by RailTel towards the security deposit to be taken under the contract and be redeemable by the Contractors/ if they shall duly and faithfully carry out the terms and provision of such contract and shall duly satisfy all claims properly chargeable against them there under AND WHEREAS the Contractor/s are constituents of the Bank and in order to facilitate the keeping of the accounts of the Contractor/s, the Bank with the consent and concurrence of the Contractor/s has requested RailTel to accept the Guarantee of the Bank hereinafter contained, in place ofthe Contractor/s depositing with RailTel the said sum as security as aforesaid AND WHERE AS accordingly <Bank Name>has agreed to accept claim from RailTel upon demand in writing, whenever required by him, from time to time upto <Date (contract period + 3 months)> so to do, a sum not exceeding in the whole Rs. <Amount>/- (in figures and words <in words> only incl of Tax) under the

terms of the said EoI/Tender/Quotation and/ or the Contract. The Bank Guarantee is valid up to <Date (contract period + 3 months)>.

Notwithstanding anything what has been stated above, <Bank Name> liability under the above guarantee is restricted to Rs. <Amount>/- (in figures and words <in words>only incl of Tax) and guarantee shall remain in force up to <Date (contract period + 3 months)> unless the demand or claim under this guarantee is made on us and we receive in writing on or before <Date (contract period + 3 months)> all your rights under the above guarantee shall be forfeited and we shall be released from all liabilities under the guarantee thereafter whether or not the original bank guarantee is returned to us.

In witness whereof the Bank, through its authorized Officer, has set its hand and stamp on this day of 2022 at

For <Bank Name>

For<Company Name>

Authorized Signatories

EMP No. _____

Authorized Signatories

EMP No. _____



***Home Department, Government of Gujarat,
Gandhinagar***

(RFP No: GIL/Home Dept./VISWAS Phase-II/2022)

**Revised Request for proposal (RFP) for Selection of
Implementing Agency (Cluster wise) for Supply,
Installation, Commissioning and Operations &
Maintenance of State Wide Surveillance and ITMS project
across the State of Gujarat under VISWAS Project Phase-II**

Bid issued by:



Gujarat Informatics Ltd

Block No. 2, 2nd Floor, C & D Wing, Karmayogi Bhavan, Sector 10A, Gandhinagar, Gujarat
382010

Ph No. 23259237, 23259240 Fax: 23238925 www.gil.gujarat.gov.in

DISCLAIMER

The information contained in this Request for Proposal (RFP) document or subsequently provided to Bidder(s), whether verbally or in documentary or any other form by or on behalf of the Home Department, Government of Gujarat or any of their employees or consultants, is provided to Bidder(s) on the terms and conditions set out in this RFP and such other terms and conditions subject to which such information is provided.

The purpose of this RFP is to provide interested parties with information that may be useful to them in eliciting their financial offers (the "Proposal") pursuant to this RFP. This RFP includes statements, which reflect various assumptions and assessments arrived at by the Home Department, Government of Gujarat, in relation to the RFP. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This RFP may not be appropriate for all persons, and it is not possible for Home Department, Government of Gujarat, its employees or Consultants to consider the investment objectives, financial situation and particular needs of each party who reads or uses this RFP. The assumptions, assessments, statements and information contained in this RFP, may not be complete, accurate, adequate or correct. Each Bidder should, therefore, conduct its own surveys and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this RFP and obtain independent advice from appropriate sources before filling up the RFP. Any deviation in the specification or proposed solutions will be deemed as incapability of the respective Agency and shall not be considered for final evaluation process.

Information provided in this document to the Bidder(s) is on a wide range of matters, some of which depends upon interpretation of law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. Home Department, Government of Gujarat accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

Home Department, Government of Gujarat- its employees and advisors make no representation or warranty and shall have no liability to any person, including any Applicant or Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this RFP or otherwise, including the accuracy, adequacy, correctness, completeness, delay or reliability of the RFP and any assessment, assumption, statement or information contained therein or deemed to form part of this RFP or arising in any way during the Bidding process.

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SECTION-I: KEY INFORMATION & INSTRUCTIONS

Important Dates

Request for proposal (RFP) for selection of Implementing agency for Supply, Installation and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat

1	Contract Period	5 Years									
2	Pre-Bid Meeting	Completed									
3	Bid Due date	01/02/2023 up to 15:00 hours									
4	Date of Opening of Un-priced bid	01/02/2023 up to 15:30 hours									
5	Date & Time of opening of Technical & Commercial stage	Will be intimated to the qualified bidders at a later date.									
6	Venue of opening of Technical & Commercial Bid/s	Gujarat Informatics Limited, Block No. 2, 2nd Floor, C & D Wing, Karmayogi Bhavan, Sector 10A, Gandhinagar, Gujarat 382010									
7	Bid security (EMD)	<table border="1"> <tr> <td>Single Bid</td><td>Cluster</td><td>Rs. 1,50,00,000/-</td></tr> <tr> <td>Two Bid</td><td>Cluster</td><td>Rs. 3,00,00,000/-</td></tr> <tr> <td>Three Bid</td><td>Cluster</td><td>Rs. 4,50,00,000/-</td></tr> </table>	Single Bid	Cluster	Rs. 1,50,00,000/-	Two Bid	Cluster	Rs. 3,00,00,000/-	Three Bid	Cluster	Rs. 4,50,00,000/-
Single Bid	Cluster	Rs. 1,50,00,000/-									
Two Bid	Cluster	Rs. 3,00,00,000/-									
Three Bid	Cluster	Rs. 4,50,00,000/-									
8	GIL Contact person	DGM (Technical)									

1.1 Information Regarding RFP:

Proposal in the form of BID is requested for the item(s) in complete accordance with the documents/attachments as per following guidelines.

- Bids complete in all respects shall be uploaded on or before the BID DUE DATE.
- Technical Bids will be opened in the presence of Bidders' or their representatives who choose to attend on the specified date and time.
- In the event of the date specified for receipt and opening of bid being declared as a holiday for GIL office, the due date for submission of bids and opening of bids will be the next working day at the appointed time.
- Services offered shall be strictly as per requirements mentioned in this Bid document.
- Please spell out any unavoidable deviations, Clause/ Article-wise in your bid under the heading Deviations.
- Once quoted, the bidder shall not make any subsequent price changes, whether resulting or arising out of any technical/commercial clarifications sought regarding the bid, even if any deviation or exclusion may be specifically stated in the bid. Such price changes shall render the bid liable for rejection.
- The bid submitted shall be valid for a period of 180 days.
- The duration of the Contract period for this activity will be of 5 years.
- In addition to this RFP, the following sections attached are part of Bid Documents.

Section – 1	Key Information & Instructions
Section – 2	Introduction and Eligibility Criteria
Section – 3	Scope of Work
Section – 4	Technical Specification
Section – 5	Instruction to Bidders
Section – 6	Price Bid
Section – 7	Annexures & Formats

1.2 Abbreviations

Abbreviation	Description
ANPR	Automatic Number Plate Recognition
AT	Acceptance Testing
BoQ	Bill of Quantity
CCTV	Closed Circuit TV
CCB	Change Control Board
CR	Change Request
EMD	Earnest Money Deposit
FAT	Final Acceptance Testing
FRS	Functional Requirement Specification
GIL	Gujarat Informatics Limited
GoI	Government of India
GoG	Government of Gujarat
ICT	Information Communication and Technology
IP	Internet Protocol
LoI	Letter of Intent
O&M	Operations and Maintenance
PBG	Performance Bank Guarantee
PoE	Power Over Ethernet
PTZ	Pan, Tilt & Zoom
RLVD	Red Light Violation Detection
RoW	Right of Way
SOP	Standard Operating Procedure
SoW	Scope of Work
SRS	Software Requirement Specification
VMS	Video Management System
VISWAS	Video Integration & State Wide Advance Security
SITC	Supply, Installation, Testing and Commissioning

1.3 Definitions

In this document, the following terms shall have following respective meanings:

1. “User Acceptance Test (UAT)” means the User Acceptance Testing of the ordered product and services on completion of installation and commissioning as per the requirement.
2. “Acceptance Test Document” means a document, which defines procedures for testing the installed and commissioned product and services against requirements laid down in the Agreement.
3. “Agreement” means the Service Level Agreement to be signed between the successful bidder and the Home Department, Government of Gujarat including all attachments, appendices, all documents incorporated by reference thereto together with any subsequent modifications /changes /corrigendum’s, the RFP, the bid offer, the acceptance and all related correspondences, clarifications, presentations.
4. “Authorized Representative/Agency” shall mean any person/agency authorized by either of the parties.
5. “TENDERER” here shall mean “Home Department, Government of Gujarat”.
6. “Bidder” means any agency who fulfils the requirement laid in the RFP documents and is possess the required expertise and experience as per the RFP document. The word Bidder when used in the pre-award period shall be synonymous with Bidder, and when used after award of the Contract shall mean the successful Bidder with whom TENDERER signs the Service Level Agreement for executing the project.
7. “Center” means Offices of TENDERER
8. “Contract” is used synonymously with Agreement.
9. “Corrupt Practice” means the offering, giving, receiving, or soliciting of anything of value or influence the action of a public official in the process of Contract execution.

10. "Days" means calendar days in a week, month or year.
11. "Default Notice" means the written notice of Default of the Agreement issued by one Party to the other in terms hereof.
12. "Fraudulent Practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a Contract and includes collusive practice among Bidders (prior to or after Bid submission) designed to establish Bid prices at artificial non-competitive levels and to deprive TENDERER of the benefits of free and open competition.
13. "Final Acceptance Test (FAT)" means the acceptance testing of the commissioned project components at specified locations.
14. "Partial Go-Live" means the date on which the FAT of respective districts/cities component's as per the Work order has been successfully completed and accepted by the TENDERER.
15. "Go Live Date" means the date on which the FAT of all the project component's as per the Work order has been successfully completed and accepted by the TENDERER.
16. "Good Industry Practice" means the exercise of that degree of skill, diligence and prudence which would reasonably and ordinarily be expected from a reasonably skilled and experienced Operator engaged in the same type of undertaking under the same or similar circumstances.
17. "GIS" shall stand for Geographical Information Systems
18. "Implementation Period" shall mean the period from the date of acceptance of the Work Order and up to the issuance of Go-live Certificate.
19. "Law" shall mean any act, notification, by-law, rules and regulations, directive, ordinance, order or instruction having the force of law enacted or issued by the Central Government and/ or the Government of Gujarat or any other Government or regulatory authority or political subdivision of government agency.
20. "LoI" means Letter of Intent, which constitutes the intention of the TENDERER to place the Work Order with the successful bidder.
21. "Work order" shall mean a formal order issued by TENDERER to the successful bidder covering delivery timelines, SLA and other terms and conditions.
22. "Operator" means the entity/company providing the services / executing the project under the Agreement and is used synonymous with Bidder/Successful Bidder.
23. "O&M Period" means period of 5 years from the Go-Live date.
24. "OEM" Shall stand for Original Equipment manufacturer
25. "Planned Downtime" means the unavailability of the application services due to maintenance activities such as configuration changes, upgradation or changes to any supporting infrastructure wherein prior intimation (at least two working days in advance) of such planned outage shall be given and approval sought from the Tenderer or designated person/agency as applicable "PoC" shall stand Proof of Concept.
26. "Period of Agreement" means implementation period and O&M period considered cumulatively with all the required Hardware, software and Technical & Functional specifications as per the Scope of work for the Project.
27. "Request for Proposal" means the detailed notification seeking a set of solution(s), services(s), materials and/or any combination of them.
28. "Requirements" shall mean and include schedules, details, description, statement of technical data, performance characteristics, standards (Indian as well as International) as applicable and specified in this document.
29. "Site" means the location(s) for which the Contract will be signed and where the service shall be provided as per agreement.
30. "Service" means provision of Contracted service viz., operation, maintenance and associated services for the Project.
31. "Service Down Time" (SDT) means the time period when specified services/network segments with specified technical and operational requirements as mentioned in this document are not available to TENDERER. The services shall be operational on all days of

a year and 24- hours/ day with in the uptime specified in the Service Level Agreement (SLA). The services shall be considered as operational when all Centers at all tiers/ levels are working & providing all/ specified services as mentioned in full capacity at all locations in the network.

32. "Third Party Agency" means any agency, if/as appointed by TENDERER for monitoring the Project during commissioning and operation.
33. "Termination Notice" means the written notice of termination of the Agreement issued by one Party to the other in terms hereof.
34. "Unplanned downtime" means an instance other than the planned down time in which ordered services are not available to TENDERER.
35. "Uptime" means the time-period when specified services with specified technical and service standards as mentioned in Section-V are available to TENDERER and its user organizations. The uptime will be calculated as follows:
"Total time in a quarter (in minutes) less total Service Down time (in minutes) in the quarter"
36. "% Uptime" means ratio of 'up time' (in minutes) in a quarter to Total time in the quarter (in minutes) multiplied by 100.
37. "NETRAM" means District Level Command and Control Center implemented under VISWAS Phase-I
38. "TRINETRA" means State Level Command and Control Center implemented under VISWAS Phase-I

SECTION-II: INTRODUCTION & ELIGIBILITY CRITERIA

2.1 Introduction

The Gujarat Informatics Limited (GIL), on behalf of Home Department, Government of Gujarat, is issuing this “Request for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat” under the flagship program called “Video Integration & State Wide Advance Security -VISWAS”

Core Objectives of VISWAS:

- Expansion of CCTV Camera Network in existing Cities: Strategic Locations, Traffic Junctions & Other Places
- Expansion to TIRE-3 Cities across the Gujarat State (51 Nagarpalikas)
- Toll-Plazas on National Highways & State Highways: There are 59 Toll Plazas in Gujarat
- Inter-state entry/exit points on Rajasthan, Madhya Pradesh, Maharashtra and Daman, Diu, Dadra & Nagar Haveli (DDNH)
- Expansion of CCTV Camera Network in Vadodara, Rajkot & Surat Police Commissionerate Area
- Proposed solution should be capable enough to utilize advanced video analytical tools in near future.

2.2 About the project

Home Department, Government of Gujarat intends to implement the VISWAS in a phased manner wherein phase I, we have created the central infrastructure required for the entire state as well as end point hardware like camera, videowall etc. at the 41 major cities in the state of Gujarat. As mentioned above, Home Department, GoG intends to procure equipments for video surveillance and Integrated Traffic management system for implementation and successful running of VISWAS project (Phase I & II) under this contract/RFP. Further, IT infrastructure (Storage, Router, Switches, Firewall etc.) and End Point devices like CCTV camera, Video wall etc. has been installed at 41 major cities under the phase-I of the project. Bids are thereby invited from reputed and experienced Bidders to participate in competitive bidding process for implementation of VISWAS Phase-II in the State of Gujarat.

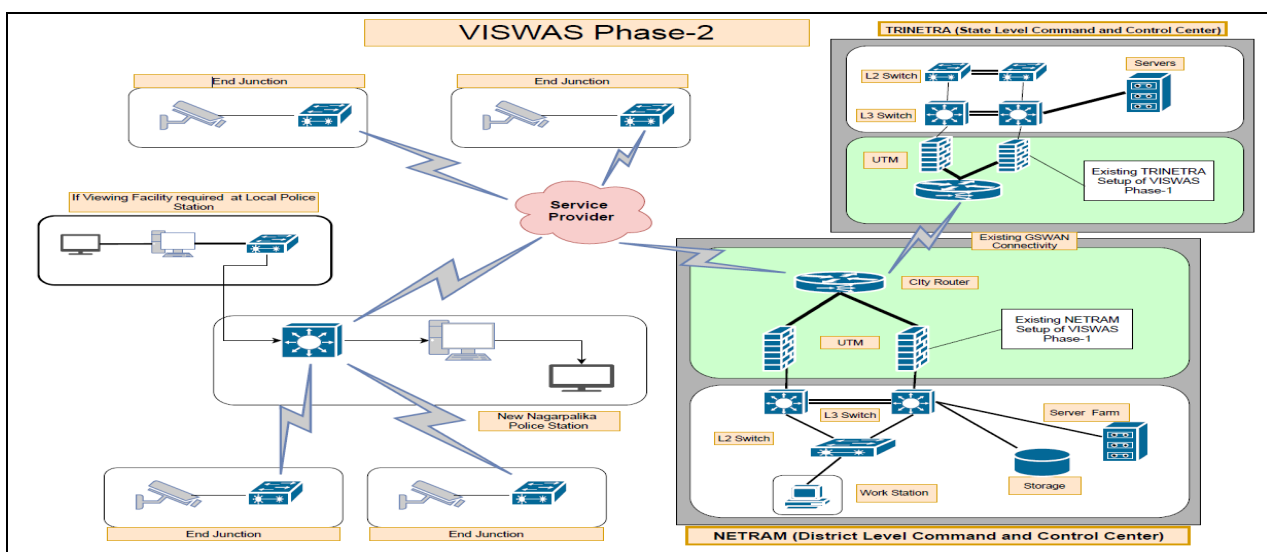


Figure 1: Indicative Network Architecture for VISWAS Project

2.3 Eligibility Criteria

The bidder must possess the requisite experience, strength and capabilities in providing services necessary to meet the requirements as described in the RFP document. Keeping in view the complexity and volume of the work involved, following criteria are prescribed as the eligibility criteria for the bidder interested in undertaking the project. The bidder must also possess technical know-how and financial ability that would be required to successfully provide System Integration, Operation and Maintenance services sought by the Home Department, Govt. of Gujarat for the entire contract duration. The Bids must be complete in all respect and should cover entire scope of work as stipulated in the bid document. This invitation to bid is open to all bidders who qualify the eligibility criteria as given below:

S/N	Specific Requirements	Documents Required
1	Bidder should be a company registered under Companies Act, 1956 and should have been operating for the last five years as on bid issuance date.	Copy of Certificates of incorporation & Self-Declaration Certificates
2	Bidder should be an established IT /Telecom/Security Surveillance Solutions System Integrator and should have been engaged in setting-up and Operations & Maintenance Services of Network (Active or Passive) and Data Centres for a period of at least five years as on bid issuance date.	Work Orders / Client Certificates confirming year and area of activity should be enclosed.
3	<p>In case bidder want to quote for any one cluster then bidder should have the minimum average annual financial turnover of Rs. 75 crore during any of the 3 out of last 4 financial years (FY 2018-19, 2019-20, 2020-21, and 2021-22)</p> <p>In case bidder want to quote for any two clusters then bidder should have the minimum average annual financial turnover of Rs. 150 crore during any of the 3 out of last 4 financial years (FY 2018-19, 2019-20, 2020-21, and 2021-22)</p> <p>In case bidder want to quote for all three clusters then, bidder should have the minimum average annual financial turnover of Rs. 225 crore during any of the 3 out of last 4 financial years (FY 2018-19, 2019-20, 2020-21, and 2021-22)</p> <p>Note:</p> <p>a. The average annual Turnover in any of the 3 out of last 4 financial years (FY 2018-19, 2019-20, 2020-21, and 2021-22) will be considered.</p> <p>b.</p>	Certificate from the CA highlighting turnover along with the copies of audited Balance sheet for any of the 3 out of last 4 financial years (FY 2018-19, 2019-20, 2020-21, and 2021-22)
4	The bidder must have positive net worth and should be Profit making in any three financial years out of last four financial years (2018- 19, 2019-20 , 2020-21, 2021-22)	Audited and Certified Balance Sheet and Profit/Loss Account of any 3 Financial Years out of last four financial years (2018- 19, 2019-20 , 2020-21, 2021-22)

S/N	Specific Requirements	Documents Required
		<p>should be enclosed.</p> <p>Statutory auditors/ CA certificate mentioning net profit of the bidder should be enclosed.</p>
5	<p>In case bidder want to quote for any one cluster then, bidder should have demonstrable expertise and experience in executing at least ONE project of Network Integration / Systems Integration/Data Centre (setting up or O&M) anytime during last five years as on bid issuance date, having a minimum value of Rs. 20 crores or TWO projects having a minimum value of Rs. 10 crores each.</p> <p>In case bidder want to quote for any two clusters then, bidder should have demonstrable expertise and experience in executing at least ONE project of Network Integration / Systems Integration/Data Centre (setting up or O&M) anytime during last five years as on bid issuance date, having a minimum value of Rs. 35 crores or TWO projects having a minimum value of Rs. 18 crores each.</p> <p>In case bidder want to quote for all three clusters then, bidder should have demonstrable expertise and experience in executing at least ONE project of Network Integration / Systems Integration/Data Centre (setting up or O&M) anytime during last five years as on bid issuance date, having a minimum value of Rs. 50 crores or TWO projects having a minimum value of Rs. 25 crores each.</p> <p>Note: In case Bidder is a wholly owned subsidiary of its Ultimate Parent Company then Technical experience of parent/subsidiary/Sister concern having ultimate parent would be considered for eligibility</p> <p>Note: A Bidder can only submit one bid against the RFP either for one cluster or for two clusters or for all clusters as per his eligibility. However he can not submit more than one bid in response to the RFP</p>	<p>Details of such projects undertaken along with clients' on-going/completion certification/letter stating project value should be enclosed.</p> <p>Undertaking from the Parent company to support its wholly owned subsidiary.</p>
6	Bidder should not be blacklisted by any Ministry of Government of India or by Government of any other State in India or by Government of Gujarat or any of the Government PSUs at the time of bidding.	Certificate / affidavit/ Self-Declaration Form must be submitted as per Format IX of this RFP Document

S/N	Specific Requirements	Documents Required
7	<p>OEMs of proposed equipment/components should have their own registered office in India as per the prevalent/ applicable laws of India and be in operation in India for last five years as on the bid issuance date.</p> <p>Registered offices by way of Joint ventures, Franchise, agency, distribution partners will not be considered.</p> <p>a.) OEMs for networking devices at aggregation layer and data centre layer should be in Leader/challenger quadrants of the latest Gartner's Magic Quadrant for data centre networking. or OEM of quoted Switch should be qualified as Make in India as per public procurement (Preference to Make in India) order 2017 & its revision issued time by time. As per GR, quoted Switch should have 60% domestic value addition in terms of Bill of Material to qualify as domestically manufactured. AND The Manufacturer of the Network switch should have installation base of 1500 nos. of Managed/PoE switches in India.</p> <p>b.) OEM for end point/edge location's network switch should be in the top Five positions in terms of market share in India as per latest available IDC report or should be present in latest Gartner magic Quadrant. or OEM of quoted Switch should be qualified as Make in India as per public procurement (Preference to Make in India) order 2017 & its revision issued time by time. As per GR, quoted Switch should have 60% domestic value addition in terms of Bill of Material to qualify as domestically manufactured. AND The Manufacturer of the Network switch should have installation base of 1500 nos. of Managed/PoE switches in India.</p> <p>c.) OEM for storage should be from companies featuring in Gartner magic quadrant in leadership position. . AND The Manufacturer of the storageshould have installation base of 1500 nos. of storage in India.</p>	<p>Undertaking & copies of supporting documents from the Bidder confirming the compliance along with the OEM authorization.</p>
8	<p>The bidder should have a Permanent Office in Gujarat</p> <p style="text-align: center;">or</p> <p>should setup in 45 days from the award of Work Order.</p>	<p>Copies of any two of the followings: Property Tax/ Electricity/ Telephone Bill/ VAT/ CST Registration / Lease agreement. Or Undertaking to open Office in Gujarat</p>

S/N	Specific Requirements	Documents Required
9	Bidder is required to submit the undertaking as per the Department of Expenditure, Government of India guidelines on procurement dated 23.07.2020 to confirm that, all the quoted product Make under this bid are not from a country which shares a land border with India or, of if from such a country, quoted product/OEM have been registered with competent authority. The Performa for undertaking is enclosed with bid Format X for Bidder & Format XI for concern OEM. Bidder and OEM is required to submit the undertaking on bidder's & OEM letter head with authorized stamp and sign for all quoted product	Undertaking on bidder and all relevant OEM letter head with authorized sign and stamp

Note:

- (i) Eligibility Criteria mentioned under this document will be considered for evaluation. Eligibility Criteria selected under GeM will not be considered for evaluation
- (ii) The Bidder must attach valid documents in support to their Technical and Financial capabilities/strength, as mentioned above. Without proper supporting documents, the Bid proposals are liable to be rejected.
- (iii) All the proposed equipment should not be declared End-of-Support by the OEMs for next 7 years and should not be end of production for next **two** year from the date of bid submission.
- (iv) The MAF is required for Switches, Storage etc. being supplied under this project.
- (v) If the bidder wants to prove any Make in India products (As specified in the policy released by department of Promotion of Industry and internal trade, Ministry of commerce and Industry, Government of India dated 4th June 2020 having no. P-45021/2/2017-PP (BE-II)), which meets the functional and technical requirements specified in the RFP but not qualifying above mentioned criteria, the bidder shall be required to submit all additional justification/ documents/ information along with bid on the aptness of the same product to meet SLA requirements of the RFP Including undertaking on INR 300 rupees non-judicial stamp paper from the proposed OEM of meeting all the functional & technical requirements specified in the RFP & OEM's Statutory Auditor Certificate certifying 60% domestic value addition in terms of composition of product. In case details provided is found to have misrepresented any facts or documents or any piece of information, then OEM/s shall be disqualified and blacklisted.

SECTION-III: SCOPE OF WORK

SCOPE OF WORK

Gujarat Informatics Limited (GIL) on behalf of Home Department, Government of Gujarat seeks proposal from the interested bidder for the supply, installation, commissioning and Operations and maintenance for 5 years of the Phase-II of VISWAS project as per the scope of work, functional and technical specification defined in this “**Request for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II**”.

Home Department, Government of Gujarat envisage to implement as statewide surveillance system called “Video Integration & Statewide Advance Security” (VISWAS) covering approximately 100 Cities spread across the state in a phased manner: -

- Phase-I of the project has been implemented 41 major cities and
- Phase-II of the project will cover 51 cities/towns of the state and 3 Commissionerate Areas of the State

3.1 Approach:

The foremost objective of the VISWAS is to create a state level surveillance system wherein gradually each and every system merge with the VISWAS and State Centre will be able to view the feeds of the entire state on demand.

3.1.1 VISWAS Phase-I Introduction:

In VISWAS Project is a flagship program of Home Department Govt. of Gujarat for establishing CCTV Camera based Surveillance & Integrated Traffic Management System (ITMS) across the State of Gujarat, In VISWAS Phase-I , we have covered 41 cities across the State including 34 District HQ and 7 (6 pilgrimage & 1 SoU) tourist places. A total of 7000+ CCTV Cameras including ANPR Cameras, Fix Cameras, RLVD Cameras and PTZ Cameras are being installed at traffic junctions, entry-exit points and strategic locations. Command & Control Centers (NETRAM) with state-of-the-art video wall, data center and workstations at 34 District HQ and a State Level Command & Control Center (TRINETRA) is being setup in Gandhinagar to coordinate the efforts of all the Command & Control Center.

3.1.2 Project Implementation partners of VISWAS Phase-I:

The project has 3-components namely construction of Command & Control Centers, installation of CCTV Cameras at edge locations and integration of the edge location infrastructure with Command & Control Centers. M/s Gujarat State Police Housing Corporation Ltd., and Road & Building Department, Govt. of Gujarat have built the civil structure of Command & Control Centers; Master System Integrator (MSI) for installed CCTV Cameras Infrastructure at edge locations and Connectivity provide for setup the network linking the system were selected through open bid process. The project implementation is being governed by a multi-agency Task Force.

3.1.3 Salient features & the work undertaken of VISWAS Phase-I:

- 34 district wise Command & Control Centers (NETRAM) where servers, storage, video wall and workstations settled up to store and monitor camera feeds of 7,000+ CCTV Cameras installed in 41 Cities including 7 tourist places in Phase-I.
- State level Command & Control Centre (TRINETRA) equipped with monitoring & analytics facility for all the cities across the state. Video analytical tools with ANPR, RLVD, VTS & Speed Violation Detection features for monitoring at key traffic junctions and strategic locations.

- CCTV infrastructure for maintain various law enforcement activities such as Traffic Management & Enforcement, Crime Prevention & Detection, Post-incident Investigation, Resource Planning & Deployment and Disaster Management.
- Integration with Cyber Treasury Portal, VAHAN & SARATHI database for identification of vehicles and generation & payment of E-Challans.
- Availability of Online E-challan payment methods like debit/Credit Card, Internet Banking, Mobile/Web Application.
- 24X7 monitoring access at district headquarter makes impact in overall improvement in police efficiency, crime prevention & detection, quality of investigation and urban mobility.

VISWAS Phase-II

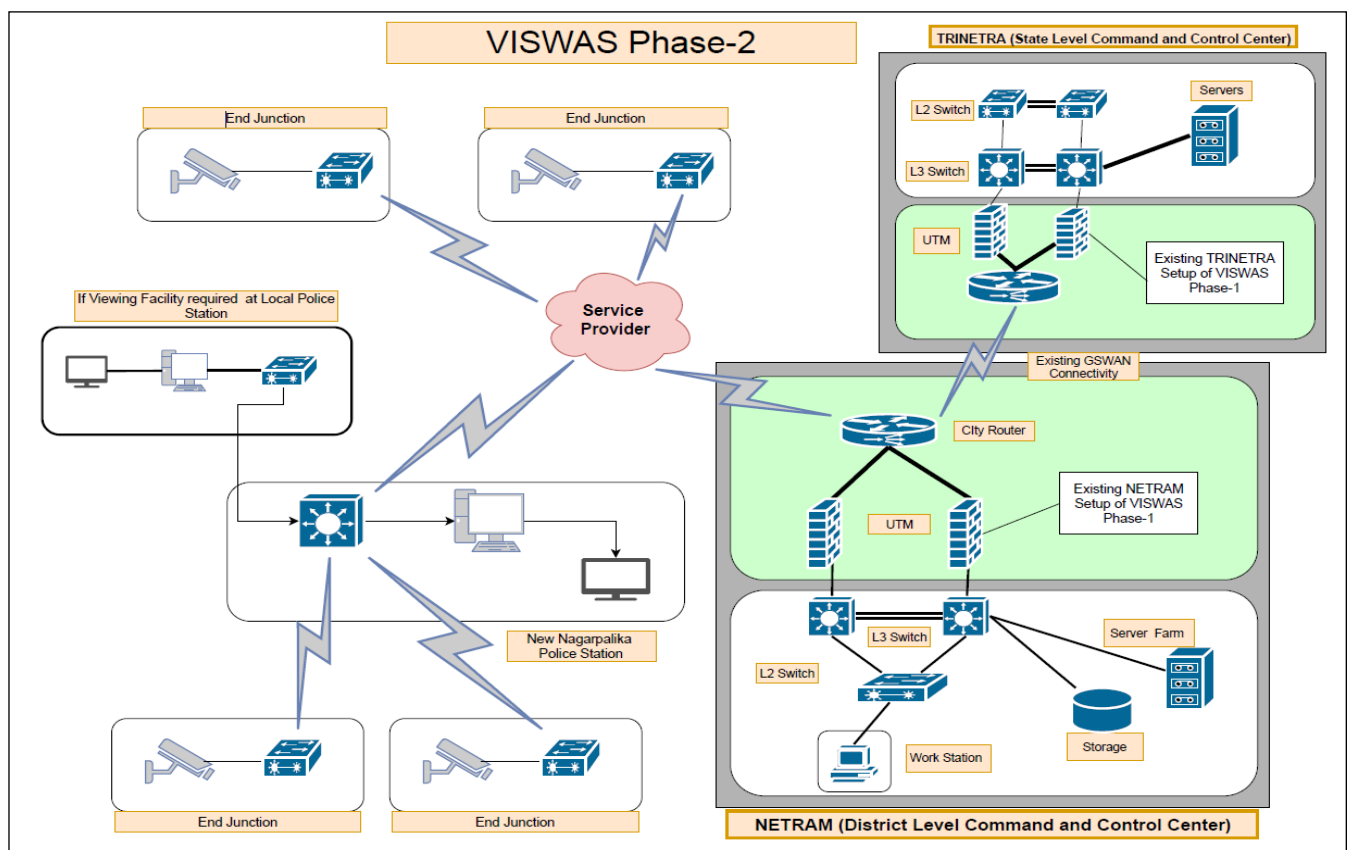
3.2 Scope of Work for the VISWAS Phase-II:

Brief Objectives:

- Total 8700+ CCTV Cameras installation & commissioning and O&M for 5 years
- Expansion of CCTV Camera Network in existing 34-Cities: Strategic Locations, Traffic Junctions & Other Places
- Expansion to Tier-2 & Tier-3 Cities across the Gujarat State: 51 New Cities based on classification of Nagarpalika
- Inter-state Entry/Exit Points: 80 Inter-state Entry/Exit Points.

Important points related to scope of VISWAS Phase-II

1. Proposed Technical Architecture: It will be 3 tier Architecture consist of State level 'TRINETRA', District level 'NETRAM' and City level 'Police Station' (Local Viewing).



- 1.1 It is proposed to use existing facility of TRINETRA and NETRAM and provide city level viewing in one Police Station of respective city.
- 1.2 In all 51 new cities, 80 Inter-State Entry/Exit points CCTV Camera junctions will be connected to existing 34 NETRAM (District Command & Control Center) for storage, Viewing and Controlling of Video feed. In addition to that, we have proposed to create local viewing facility with workstation at one designated police station of respective cities. Since, Existing civil infrastructure will be utilized, Hence, no need to create any civil infrastructure.
- 1.3 Similarly, In Rajkot City Police Commissionerate Area, it is proposed to create local viewing facility with workstation which may be hosted at existing CCC. Since, Existing civil infrastructure will be utilized, Hence, no need to create any civil infrastructure.
- 1.4 It is **decided** to create the viewing station with video wall at Vadodara and Surat Police Commissionerate area for viewing and controlling of video feeds. However, Storage of the video feed will be done at respective NETRAM (District Command & Control Center).
- 1.5 It is proposed to increase the Storage requirement at respective NETRAMs based on the camera count as per the site survey.
2. Proposed Connectivity: Connectivity will be provided by purchaser/TENDERER and not in the scope of this RFP (**Connectivity up to the junction box will be provided by by purchaser/TENDERER**)
3. Video Management System (VMS): It is proposed to use the existing VMS software to avoid multiple silos and for a smooth user experience. Tenderer will provide the required VMS software along with the VMS licences and successful bidder of this RFP needs to use the same for camera discovery and maintenance for 5 years.
4. Integrated Traffic Management System (ITMS): The successful BIDDER needs to integrate with existing ITMS solution including software & Hardware for (ANPR, RLVD & SVD) for a smooth user experience.
5. Enterprise Management System (EMS): The successful BIDDER needs to integrate with existing EMS solution (including NMS, Helpdesk & Operational Management tools etc.) for better operational visibility & effective management.
6. Video Storage (700 TB & 1.5 PB): Based on the camera count (as per the site survey), It is proposed to increase the Storage at respective NETRAMs. Bidder needs to SITC and O&M of additional 700TB each of video storage at five location (Amreli, Anand, Bhavnagar, Sabarkantha, Vadodara (Rural+ City) & additional 1.5 PB each of video storage at three location (Mehsana, Surat (Rural + City), Rajkot (Rural+ City)
7. UPS (10 KVA & 1 KVA): The successful BIDDER needs to provide 10 KVA UPS at each 34 NETRAMs & 2 Commissionerate Area (Surat & Vadodara) & 1 KVA UPS at all 51 City Police Station & 1 Rajkot Commissionerate Area for power backup.

As we have already completed the VISWAS Phase-I, the scope of the work under this RFP needs to be leveraged the existing infrastructure capabilities of VISWAS Phase-I & build add on capabilities for VISWAS Phase-II, which bring synergy to avoid multiple silos.

Further, the scope of work under this RFP is broadly divided into three clusters:

Cluster	Name of District	Name of Nagarpalika
I	Banaskantha	Deesa
		Tharad
	Gandhinagar	Kalol
	Kutch (East)	Bhachau
		Rapar
		Anjar
	Kutch (West)	Mundra
	Mehsana	Kadi
		Unja
		Visnagar
		Vadnagar
	Patan	Sidhpur
		Radhanpur
	Sabarkantha	Idar
		Khedbramha
II	Amreli	Savarkundla
		Jafrabad
		Rajula
	Bhavnagar	Mahuva
		Shihor
	Devbhumi Dwarka	Okha
	Gir-Somnath	Una
	Jamnagar	Kalavad
	Junagadh	Keshod
		Mangrol
	Morbi	Vankaner
	Rajkot (Rural)	Jetpur
		Gondal
		Dhoraji
		Upleta
	Surendranagar	Dhrangadhra
		Limbdi
	RAJKOT CITY	RAJKOT CITY
III	Ahmedabad (Rural)	Dholka
		Viramgam
	Anand	Borsad
		Khambhat
		Petlad
		Karamsad
	Bharuch	Ankleswar

	Dahod	Zalod
	Kheda	Kheda
	Mahisagar	Balasinor
	Navsari	Bilimora
	Panchmahal	Halol
		Kaalol
	Surat (Rural)	Bardoli
		Kadodara
	Tapi	Songadh
	Valsad	Vapi
		Paradi
		Umargam

The detail scope of the VISWAS Phase-II including high level requirements, quality criteria, functional needs & obligations to the bidder are mentioned as below:

3.2.1 Supply Installation testing & Commissioning and Integration:

- i. **Hardware/End Points:** Bidder is also responsible for supply, installation, commissioning and O&M of end points like CCTV Cameras, Storage, IT Infrastructure, Non-IT Infrastructure (Network Cabling, UPS etc.) to be deployed across multiple cities (Cluster wise) covered under the VISWAS Phase-II Project.
- ii. **Integration with existing systems of VISWAS Phase-1:** Bidder is responsible for integration of their CCTV feeds into the existing VMS solution of VISWAS Phase-1 at respective NETRAM such that there shall be a single Unified system for the entire state. Bidder is also responsible for the integration of cameras with existing Software/Applications like Speed Detection, Automatic Number Plate Recognition (ANPR), Red Light Violation Detection (RLVD), Enterprise Management System (EMS) etc. The details of the existing system are provided as per Annexure-B and Annexure-G.
- iii. **Operations & Maintenance Component:** Operation and Maintenance of VISWAS phase II infrastructure (IT and Non-IT) installed as per the scope of work of this RFP for the 5 Years from the date of Go live.

The bidder will have to perform Supply, Installation, Testing & Commissioning of end points like CCTV Cameras, Storage, IT Infrastructure, Non-IT Infrastructure (Network Cabling, UPS etc.) in the respective cities, which shall be integrated with the respective NETRAM of the District and TRINETRA.

All the software application's such as VMS, ITMS, EMS, ICMS and their management databases are hosted at NETRAM & TRINETRA which are extended up to the city level. Further, NETRAMs are performing the required analytics such as RLVD, ANPR, speed detection etc. over the video feed for generation of e-Challan and performing other surveillance related activities locally.

The licenses required for integration of the CCTV feeds into the existing VMS, ITMS system shall be procured by the TENDERER. It will be responsibility of the bidder to consume these licenses to ensure that the feeds of the camera are visible into the existing VMS & ITMS solution. It will be responsibility of the bidder to consume these licenses to

ensure all the network devices should be available and able to generate various reports from existing EMS solution.

3.2.2 General Obligation of the System Integrator

Successful Bidder of the Cluster is responsible for below mentioned indicative list of activities applicable for all the components/sub-components of the project but not limited to: -

- a. The Successful Bidder of the Cluster obligations shall include all the activities as specified by TENDERER in the scope of work and other sections of the RFP and changes thereof to meet TENDERER's objectives and operational requirements. It will be the Successful Bidder's responsibility to ensure the proper and successful implementation, performance and continued operation of the proposed solution in accordance with and in strict adherence to the terms of the Agreement, the RFP and the Bid.
- b. The Successful Bidder of the Cluster shall ensure that the Bidder's team is competent, professional and possesses the requisite qualifications and experience appropriate to the task they are required to perform under the contract. The Bidder shall ensure that the Services are performed in accordance with the terms hereof and to the satisfaction of TENDERER.
- c. Except as otherwise provided for herein or with the prior written approval of TENDERER, the Bidder and/or Bidder's team shall not:
 1. Systematically collect and use any TENDERER's data, Deliverable, Assets or TENDERER contents/contents of services and information, including the use of any data mining, or similar data gathering and extraction methods.
 2. Market, sell, or make commercial or derivative use of TENDERER data, Deliverable or Assets, TENDERER contents/contents of services and information.
 3. Publish, publicly perform or display, or distribute to any third party any TENDERER data, Deliverables or TENDERER contents/contents of Government services and information, including reproduction on any computer network or broadcast or publications media;
Or
 4. Use, frame, or utilize framing techniques to enclose any portion of TENDERER data, Deliverables or TENDERER contents/contents of services and information (including images, any text or the layout/design, form or content of any page or otherwise).
- d. The Bidder of the Cluster may carry out the site visit with prior written intimation to the TENDERER. The visit may not be used to raise questions or seek clarification on the RFP. All such queries or clarifications must be submitted in writing. The cost of such visits to the site(s) shall be at the Bidder's own expense.
- e. Provide detailed Implementation plan including feasibility study, BoQ and actual site survey with standard drawings confirming requirement for Poles, Gantry, CCTV Cameras (including Type and QTY), Positioning of junction box, source of power supply, last mile cabling route, kind of coupling/mounting brackets needed to mount cameras.
- f. Design, supply, installation, testing, commissioning of all the hardware (IT & Non-IT) and software inclusive of cables and all applicable accessories required for the successful completion of the entire projects as per the scope of work of the Cluster and technical specification of the RFP at the respective locations.
- g. The Successful Bidder of the Cluster shall be responsible to Integrate equipments procured under this RFP with existing state (TRINETRA) and city level (NETRAM)

command and control centre as per the scope of work including necessary software and Hardware.

- h. Comprehensive Last mile connectivity (including supply, installation & commissioning of required material/hardware) between utilities and nearby Junction (connectivity medium like CAT-6/fibre, power cable as per the site requirement) including supply of active and passive component within/interconnected the junction boxes. Civil Work (Supply, Erection and commissioning) of Non-IT infrastructure like Poles/Gantry/frames/fixtures/housing etc. with proper electrical earthing (as per IS-3043) wherever required as per the feasibility plan/ report.
- i. The Successful Bidder of the cluster will give prior written intimation to the TENDERER before installing any hardware at any location and will also not alter/change/ replace any hardware component deployed for the purpose of the Project without prior consent of TENDERER.
- j. The Successful Bidder of the Cluster has to ensure that on completion of work, site has to be restored to its original condition as per rules / provisions of respective local bodies/authorities. The cost for such activities has to borne by the bidder
- k. Storage will be as per the capacity indicated with provision for addition of extra storage disks only to take storage capacity to double of what is being asked.
- l. The Successful Bidder of the Cluster has to provision and provide an end-to-end solution along with all the required hardware/software/services which may be necessary and vital for the successfully implementation and running of the entire project.
- m. The Successful Bidder of the Cluster shall be responsible for **dismantaling** and reinstallation of equipments installed under the scope of work by him during the contract duration which may be required due to implementation of various development projects throughout the state. Bidder will be paid for such work @ the price discovered in the price bid for dismantaling & reinstallation.
- n. SLA has to be enforced irrespective of any physical loss or damage, theft, manufacture defect, transportation, storage, delivery, installation.
- o. The Gantry shall be installed only at the locations where there is a need of minimum 3 ANPR cameras on a single arm of the 3-lane road.
- p. The Solution asked under this RFP shall be executed as an EPC based Contract for the Successful Bidder of the Cluster to meet the outcome. The bidder may utilize the existing infrastructure such as Poles, Gantry, Lighting pillars, Fixtures etc. where ever available with the prior permission from TENDERER, the bidder in such cases will also have to make sure that such fixtures are not used in a destructive manner or effect the day-to-day functions of any other work / service. In case no such infrastructure is available for the installation of the end points the bidder will have to erect install and utilize the same for the successful implementation of the project.
- q. OEM Support:
 - a. The Successful Bidder of the Cluster should submit authorization certificate of all Original Equipment Manufacturer (OEM) for the Items/equipment's/solution specific to the bid. The bidder should have a back-to-back support agreement/arrangement for services including supply of spare parts etc. with the OEMs of products like Networking devices, Storage etc. which includes the post-sales support activities for the entire project period.
 - b. The Successful Bidder of the Cluster can quote only one make and model against each item to be quoted under this project.
 - c. All the proposed equipment should not be declared End-of-Support by the OEMs for next 7 years and should not be end of production for next two year from the date of bid submission.
 - d. In case if the quoted product/equipment goes out of support or warranty during the implementation period, the successful bidder will have to replace the same

with the higher model of same make without any cost limitation to the TENDERER.

- r. OEM should provide undertaking as per the Format-XI regarding restrictions on procurement from a OEM of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder must undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws as per the Format-X.
- s. Operation and maintenance of entire project (IT, Non-IT) as per the scope of work (Cluster Wise) for the period of 5 years from the date of Go Live.
- t. The FAT will be provided as per the Lot/Clusters/cluster/cities defined in Annexure-A. However, the TENDERER may change the Lot/Clusters/cluster/cities defined in Annexure-A based on the TENDERER's requirement. Once the FAT is completed the partial Go-live will be provided to the Successful Bidder of the Cluster and post partial Go-Live/FAT bidder shall be bound to adhere to the SLA defined in the RFP.
- u. However, the Successful Bidder of the Cluster will have to provide AMC/Warranty/O&M support for the period of 5 years from the Go-live of entire project. The Successful Bidder of the Cluster will also have to provide AMC/Warranty/O&M support post partial Go-live/FAT. The IP Pool for the project will be provided by the TENDERER.
- v. Actual power/electricity required will be provided by TENDERER. However, extension till the last mile/actual utility will be in the scope of the Successful Bidder of the Cluster. Further the Recurring Electricity charges under the project shall be paid by the TENDERER.
- w. Upon submission of actual bills/receipts/documents, TENDERER shall reimburse one-time charges, security deposits and meter charges paid by the Successful Bidder of the Cluster for obtaining new electricity connection's/shifting of obtained electricity connection in the name of TENDERER wherever required for the execution of VISWAS project.
- x. The RoW (Right of Way) wherever required for the digging and laying of underground cables for last mile connectivity and foundations has to be obtained by the Successful Bidder of the Cluster at its own cost, however the TENDERER shall help in obtaining such permissions. The TENDERER will reimburse the RoW charges to the Successful Bidder of the Cluster on submission of the actual receipts of such charges paid. Digging and laying of cables shall be as per the industry best practises, however the reference guidelines as provided in Annexure-E.
- y. The Successful Bidder of the Cluster shall ensure the installation of Pole/ Gantry should be such that it does not disturb any other utilities which are already existing at the location for example overhead electricity lines, underground fiber/gas line/ etc.
- z. The Successful Bidder of the Cluster shall ensure the structure stability of installation of Pole/ Gantry at public places & provide certificate from subject matter expert.
- aa. The Successful Bidder of the Cluster under the scope of work will be responsible for integrating the infrastructure that is part of scope of this tender with the existing applications of Govt. of Gujarat such as e-Gujcop, Vahan, Sarthi, Smart City projects and VISWAS Phase I for leveraging the VISWAS Infrastructure deployed as per RFP.

3.2.3 City Surveillance System

- a. TENDERER plans to extend a robust Surveillance Infrastructure under its Video Integration and State-wide Advanced Security (VISWAS) initiative by setting up and providing state city-wide CCTV surveillance infrastructure. A robust city-wide

surveillance system will enable the TENDERER and Police Department to keep a watch on sensitive areas of the city through a centrally integrated operation and monitoring on one application layer. Further, this infrastructure will provide advanced level of digital security and surveillance system.

- b. Implementation of surveillance system covering entire city with focus on state-of-the-art security system covering major traffic junctions, vital and sensitive locations of the city, and key gathering places through the Video Camera feeds at the City Control Centre.
- c. The Successful Bidder of the Cluster is responsible for Design, supply, installation, testing, commissioning, operations, management and maintenance of entire city surveillance system including of all the components as per the technical specification and scope of work of this RFP during the contract duration.
- d. It is envisaged that the City Surveillance System should be an IP based system installed at selected locations for smart traffic management and citizen safety via surveillance.
- e. Summary list of cities with cluster details covered in VISWAS (phase-II) Project across the state is mentioned in Annexure-A. However, detailed junction wise list will be shared with the Successful Bidder of the Cluster. The Successful Bidder of the Cluster needs to maintain confidentiality of the same while doing detailed feasibility study and site survey. Bidder is also requested to include type and quantities of camera required at each location in coordination with the Tenderer.
- f. The proposed video surveillance system will involve setting up of IP based outdoor security cameras across various locations in the Cities. The video surveillance data from various cameras deployed will be stored and monitored at NETRAM at respective city and can be viewed at TRINETRA on Pull/Push mechanism.
- g. The Successful Bidder of the Cluster is responsible for setting up and O&M of all components supplied as a part of solutions. Technical specification as mentioned in Section-4 of this document is minimum, however the bidder has to ensure the below mentioned outcomes from the surveillance perspective are met at all times:

S/ N	Description	DAY		NIGHT	
		Identificati on of No. Plate	Identificat ion of Face	Identificat ion of No. Plate	Identificati on of Face
1.	Live Video	Required	Required	Required	Required
2.	Recorded Video (On digital Zoom)	Required	Required	Required	Required
3.	Live video - (Zoom in/out)	Required	Required	Required	Required
4.	Recorded Video Zoom in-Out using Digital Zoom	Required	Required	Required	Required

h. IP Cameras:

- (i) Cameras being the core of the entire Surveillance system, it is important that their selection is carefully done to ensure suitability & accuracy of the information captured on the field and is rugged, durable & compact.
- (ii) These cameras need to work on 24x7x365 basis during all weather conditions and transmit video feeds to the City Control Centre and should be capable to capture the video feeds at a lower FPS during the lean period.
- (iii) Home/Police Department may take the regular review of the requirements for video resolution, FPS and may change these numbers to suit certain specific requirements (for example, there could be a situation when certain cameras are required to be viewed at higher FPS for specific period).
- (iv) The cameras will have the functionality to zoom in and pan out on a specific predefined field in its viewing area, detect and track motion etc.

- (v) The cameras proposed under the project should ensure the use of bit rates and compression techniques such that the bandwidth utilization for the video stream transmission is optimized.
- (vi) Positioning of Cameras should be such that it covers the entire road/lane available at the respective locations.
- (vii) Cameras should be installed on proper pole/Gantry at the locations finalized by the TENDERER. However, there are locations in the city where poles/gantry are already installed/available. It is envisaged that selected bidder should cover the exact availability and requirement of setting up of new poles/gantry in their detailed feasibility status report.
- (viii) Apart from the above the bidder need to ensure compliance of the project with Government of India IT security guidelines including provisions of:
 - a. The Information Technology Act, 2000” and amendments thereof and Guidelines and advisories for information security published by Cert-In/MeitY (GoI) issued till the date of publishing of tender notice. Periodic changes in these guidelines during project duration need to be complied with.
- i. Proposed solution should include cameras should be from reputed manufacturer which can be integrated to any other manufacturer having ONVIF supported hardware and VMS software.
- j. **Signboards for CCTV camera locations:** It is necessary that the CCTV Camera locations should have some standardized signs informing the public of the existence of CCTV cameras in Gujarati language. This will bring about the transparency on installation of CCTV cameras and no one would be able to later complaint for the breach of privacy.

3.2.4 Integrated Traffic Management System

The ITMS shall use the latest available video analytics techniques to regulate the traffic and identify violations at different traffic junctions at each city level. The Successful Bidder of the Cluster is responsible for supply, installation, commissioning and O&M of cameras and integration with existing required applications such as ANPR, Speed detection etc. The Successful Bidder of the Cluster needs to coordinate and support for the integration of cameras covered in VISWAS Phase-II cluster with the existing Agency (Software/Application Provider). The Cameras for ITMS need to perform various analytics like Speed Detection, ANPR etc.

The Cameras and other support systems needs to comply with following system specification of VISWAS Phase-I

3.2.4.1 Existing Speed Detection System of VISWAS Phase-I:

- a. This system has been taken up at multiple cities with cameras installed at identified locations on the freeways/Junctions covering entire road.
- b. The Vehicle Speed Detection system has a camera-based Video analytics system wherein the speed of the vehicle is automatically calculated and violations are detected based on the permissible speed limits.
- c. The Automatic Speed Detection application (Including ANPR) has been integrated with the various application and Databases like e-Gujcop, e-challan, RTO, home/Police department etc. such that e-challans can be generated by the system through an automated process using existing eChallan system of VISWAS Phase-I.
- d. The Speed Violation system is capable of measuring speeds up to 120 Km/Hour for both (Two & Four Wheeler's) or higher with minimum accuracy of 90% in detecting speed limit violations both during the day and night time and photographing the incident and reading the vehicle No. plate in various fonts and sizes in English

Language. The Successful Bidder needs to coordinate with the existing Agency (Software/Application Provider) in order to achieve measuring speeds up to 120 Km/Hour for both (Two & Four Wheeler's) or higher with minimum accuracy of 90% in detecting speed limit violations both during the day and night time from existing speed detection system.

- e. The details of limits of speed violations will be shared with the successful bidder by the traffic police department.
- f. The system is able to generate an alarms /alerts based on the vehicles status and category like "Wanted", "Suspicious", "Stolen" etc. as categorized by the database.
- g. The system is capable enough to process the speed violations activity through the raw feed at the NETRAM, and the details of violation like Speed Violation data, alert and videos/photo feed are stored at the control centre.
- h. The System is able to detect the speed of the vehicles with an accuracy of +/- 10 Kmph, The Successful Bidder in coordination with the existing Agency (Software/Application Provider) will be responsible to gets entire system tested and certified by the competent certifying body for the acceptance as an evidence in the court of law. It is not a pre-requisite for the submission of the bid, however, the successful bidder will have to submit such certificate(s) along with its testing report to the TENDERER at the time of FAT and thereafter on an annual basis.

3.2.4.2 Existing Automatic Number Plate Recognition (ANPR) System of VISWAS Phase-I:

- a. The ANPR System is capable of monitoring of vehicle flow. The system supports real-time detection of vehicles, reading of its number plate and conversion of the same into alphanumeric text.
- b. The ANPR system has been integrated with various Applications/ Databases of the e-GujCop application of the Police department, e- challan etc. for verification/checking and fetching the required vehicle information.
- c. The system is capable to store the image of vehicle, number plate and also able to create a record of vehicle no., Date & time stamp, locations etc. in DBMS.
- d. The system is also able to detect the colour of all vehicles in the camera view during daytime and label them as per the predefined list of configured system colours. The system stores the colour information of each vehicle along with the license plate information for each transaction in the database. The Successful Bidder needs to coordinate with the existing Agency (Software/Application Provider) in order to detect the colour of all vehicles in the camera view during daytime and label them as per the predefined list of configured system colours.
- e. The ANPR system and related videos as well as the surveillance video feed goes to the control centre (servers with ANPR application) for processing and identification of the vehicle Registration plates.
- f. The System is able to detect and recognize the English alphanumeric License plate in standard fonts and formats of all the vehicles.
- g. The system is capable to perform OCR (optical character recognition) of number plates (Detect and Read) written in English, language with character in standard or non-standard fonts, unusual characteristics like different size characters, font, colours, special characters etc.
- h. The Accuracy of ANPR system is more than 90% in case of standard English Alphanumeric Font and High Security Registration plates and 75% for non-standard English Alphanumeric Fonts, the system is able to capture the Registration Plate of a vehicle moving at a speed of up to 120 Km/hour with the same level of accuracy. The Successful Bidder needs to coordinate with the existing Agency (Software/Application Provider) in order to achieve more than 90% accuracy in case of standard English

Alphanumeric Font and High Security Registration plates, 75% for non-standard English Alphanumeric Fonts. The Successful Bidder also needs to coordinate with existing Agency (Software/Application Provider) to capture the Registration Plate of a vehicle moving at a speed of up to 120 Km/hour with the same level of accuracy.

- i. The system database allows to advance search the database with different set of criteria like different size characters, font, colours, special characters, no. of characters, location/city/junctions, etc. while conducting post incident analysis/investigations both at NETRAM and TRINETRA.
- j. The system is able to generate various MIS reports like vehicle flow, vehicle category wise reports, Violation wise report, etc.

3.2.5 Storage / Recording Requirement:

- a. The Successful Bidder of the Cluster will have to deploy the storage at City Level Data Centre as per the required sizing as provided in Annexure-C.
- b. It is proposed that the storage solution should be modular enough to ensure compliance to the changes in storage/recording policy, to be evolved upon initial deployment of the system.
- c. The video feeds would be kept for 30 days. After 30 days, the video feeds would be overwritten unless it is flagged or marked by the Police/appropriate authority for investigation or any other purpose. The video feeds of all relevant cameras capturing the incident in question would be stored until the Police/appropriate authority deem it good for deletion. Further, incidents that are flagged by the Police or any court order, the video of the relevant portion from all relevant cameras should be stored/archived separately for investigation purposes at the City Control Centre and at the State Centre as decided by the TENDERER.
- d. Regardless of the above, the image/video Outputs for Speed Detection and ANPR system, along with the timestamp and location of the image/video capture will stored for a period of 3 months.
- e. Full audit trail of reports to be maintained for 90 days.
- f. Every CCTV feed should be retrievable using IP of camera, based on geo-location. The storage should be configured in such a way that the feeds of CCTV cameras should be able to be pulled in from the Central VMS application from the State Centre. This would require virtualized storage coupling with the State Centre infrastructure to be created under the project.
- g. The Video feeds being stored should not result in any loss of quality of video data due to further compression at the time of storage
- h. Retrieval time for any data / Video Feed should be less than 3 seconds. The same should happen through a single click of the mouse button. To realize the same, for the stored CCTV video feed, the Successful Bidder of the Cluster will create Geo-tagged, IP enabled web interface, which will be available to users of the state government through user credentials as an interface. By choosing camera either through IP address or through the geo tagged interface, and by choosing the time stamp or other meta data for video clip, the feed should be retrievable.
- i. The Recording Servers / System, once configured, shall run independently of the Video Management system and continue to operate in the event that the Management system is off-line.
- j. The system shall support storage of H.265 or better compression formats for all IP cameras connected to the system.
- k. The system should not limit the amount of storage to be allocated for each connected device.

- l. The on-line storage capability shall be transparent and allow Clients to browse and access recordings without the need to restore the video to a local hard drive for access.
- m. The proposed storage solution shall be integrated with the existing VMS System of VISWAS Phase-I. The required integration support will be provided by the existing Vendor.

3.2.6 Integration with Centralized Helpdesk: -

- a. The Successful Bidder of the Cluster will have to integrate with existing centralized helpdesk which has been setup in VISWAS Phase-I at the State Centre.
- b. It is envisaged that the centralized helpdesk, functioning as proposed below, would be managed by a separate agency (operators will come from separate agency) however. The solution, including the infrastructure, shall serve following objectives:
 - Act as the Point of Contact for the users of Surveillance System
 - Own an Incident throughout its Lifecycle
 - Communicate effectively with Police / Home Dept. Officers and IT support teams.
 - Maintain high user satisfaction levels
 - Maintain the SLA statistics & submit quarterly report to Police / Home Department

3.2.7 IT & Non-IT Infrastructure for State Wide Surveillance

- a. State-wide IT infrastructure shall be the core backbone of this project. Looking at the volume and size and span of the project the TENDERER has implemented the state-wide IT Infrastructure in a distributed model between NETRAM and TRINETRA.
- b. The Successful Bidder of the Cluster will be responsible for design, supply, installation, configure, testing, commissioning, integrate (wherever required) and operation & maintenance for 5 years of all the systems (Hardware-active & passive; Software, database's) from the Go-live, as per the scope of work and technical specification of the RFP.
- c. Carry out installation of active and passive components and accessories supplied as per standards for successful integration and implementation of the systems at each site connected under this RFP.
- d. Configuring and fine-tuning of subsystems to achieve overall optimal network performance and highest security.
- e. The Successful Bidder of the Cluster should propose a comprehensive solution for the IT infrastructure required in the defined Clusters. However, below are indicative/minimum (but not limited to) list of components bidder is required provide as a part of entire solution:
 - (i) Network equipment (like Routers, Switches)
 - (ii) Erection of mast/poles/Gantry
 - (iii) Video surveillance systems (Integration with Existing VMS)
 - (iv) ITMS (Integration with Existing ANPR, Speed Detection etc. Applications)
- f. The Successful Bidder of the Cluster shall depute minimum required skilled resources as defined in this RFP document. However, to ensure that the implementation and commissioning activities are carried out on schedule and as per the scope of work bidder may increase the required nos. of resources without any additional cost to the tenderer.
- g. The Successful Bidder of the Cluster shall submit a detailed test plan and test cases for each solution, that will be used to carry out the FAT (final acceptance test)
- h. As part of the project completion documentation, the Successful Bidder of the Cluster shall submit the documentation at the time of FAT, which should at least contain:

- (i) As-implemented configurations
- (ii) As-implemented architecture and topology diagrams
- (iii) Standard operating procedures for administration of the installed devices.
- i. The Successful Bidder of the Cluster needs to design network architecture as per the client requirement using industry best practices.
- j. The Successful Bidder of the Cluster should ensure availability of all the patches and updates released by OEM of the product during the contract durations.
- k. The Successful Bidder of the Cluster will have to make an assessment of the deployment of the end points switches based on the no. of end points devices such as camera's, to be deployed at the site locations.
- l. Electrical cabling from the input source and up to the equipment to be kept at each location, Junction rack etc. as the case may be, shall be the responsibility of bidder.

3.2.8 Operations and Maintenance (O&M) of the project

- a. The Successful Bidder of the Cluster shall be responsible for the operations & maintenance, management of the IT and Non-IT Infrastructure and enabling infrastructure maintenance services / facility management services at all Site locations for ensuring adherence of SLAs of the delivered product & services under this RFP only. The Successful Bidder of the Cluster shall provide the Operations and Maintenance Services for a period of 5 years from the Go Live date. All the terms and conditions shall also be applicable post partial Go-Live/FAT.
- b. Tenderer will issue a separate RFP/order for the requirement of connectivity at all the locations.
- c. The Successful Bidder of the Cluster is responsible for integration and discovery of all the IP enabled equipments supplied in the NMS tool of VISWAS Phase-I and its monitoring and O&M.
- d. The Successful Bidder of the Cluster is also responsible for adhering to the Service level agreements and maintaining entire system with the minimum required uptime defined in this RFP document.
- e. Preventive Maintenance: The Successful Bidder of the Cluster is also responsible for performing/carrying out preventive maintenance activity at least once in a quarter which includes cleaning, dusting and upkeep of interior and exterior (Paint, Rust prevention, anti-corrosion, reflective tapes, etc.) so as to ensure stability of the infrastructure and safety of the citizens, realignment, configuration backup, software up gradation/update of all hardware. Up gradation/Updation will be part of the back-to-back warranty support from the OEM.
- f. The Successful Bidder of the Cluster is required to submit preventive maintenance schedule of all equipment to TENDERER. After performing preventive maintenance activities, successful bidder is required to submit the detailed report of the same. All such activities should be done preferably during non-working hours or on non-working days/holidays.
- g. The Successful Bidder of the Cluster shall be responsible to get clear video feed from all the cameras at all times, for this the bidder will have to get the camera housing free from dust, water droplets, birds (like using bird spike) and any other obstruction due to rain, wind or any other wrong doing or malfunctioning related to with alignment/focus including junction equipment.
- h. As part of the Operations and Maintenance services, the Successful Bidder of the Cluster shall provide support for the software, hardware, and other infrastructure provided as part of this RFP. The bidder shall also provide services comprising of but not limiting to the following:

- (i) Operations and maintenance services for the IT and Non-IT Infrastructure supplied or commissioned by the bidder at the designated locations as defined in this RFP document during the contract period.
- (ii) Ownership of the entire project shall, remain with the TENDERER, However the bidder responsible for the O&M of the Project till the expiry of the Contract. The scope of work under O&M is not limited to the IT and Non-IT Infrastructure components deployed by the successful bidder but it also includes O&M for any additional equipment/devices/hardware/software related to the project supposed to be procured during the contract period of 5 years by the TENDERER.
- (iii) O&M charges for any such additional work shall be paid at 2% per annum of the cost of such additional equipment/devices/hardware/ software component to be deployed at the NETRAM site and the rate of 10% per annum for the end point devices. Further successful bidder is required to comply with the overall SLA requirement of contract for any such additional SoW.

3.2.8.1 Warranty Support:

As part of the warranty services bidder shall provide:

- a. The Successful Bidder of the Cluster shall provide a comprehensive on-site warranty support for 5 years from the date of Go-Live for all the equipment supplied under the project. The warranty support shall also be provided during period post partial Go-live/FAT.
- b. The Successful Bidder of the Cluster shall provide the comprehensive manufacturer's warranty and support in respect of proper design, quality and workmanship of all hardware, equipment, accessories etc. covered by the RFP. Bidder must warrant all hardware, equipment, accessories, spare parts etc. procured and implemented as per this RFP against any manufacturing defects during the warranty period.
- c. The Successful Bidder of the Cluster shall provide the performance warranty in respect of performance of the installed hardware and software to meet the performance requirements and service levels in the RFP.
- d. The Successful Bidder of the Cluster is responsible for sizing and procuring the necessary hardware and software licenses as per the performance requirements provided in the RFP. During the warranty period bidder, shall replace or augment or procure higher-level new equipment or additional licenses at no additional cost in case the procured hardware or software is not adequate to meet the service levels.
- e. Mean Time between Failures (MTBF): If during contract period, any equipment has a hardware failure on four or more occasions in a period of less than three months, it shall be replaced by equivalent or higher-level new equipment by the bidder at no cost. For any delay in making available the replacement and repaired equipment for inspection, delivery of equipment or for commissioning of the systems or for acceptance tests / checks on per site basis, the TENDERER reserves the right to charge a penalty.
- f. The Successful Bidder of the Cluster will also cover the failure of the end point equipment's due to earthing or power fluctuations under this warranty/AMC. It is the responsibility of the bidder to undertake preventive maintenance of the supplied UPS, Stabilizer and proper earthing to avoid this risk during the warranty period bidder, shall maintain the systems and repair / replace at the installed site, at no charge, all defective components that are brought to the bidder's notice.
- g. The Successful Bidder of the Cluster shall as far as possible repair/ replace the equipment at site.
- h. Warranty should not become void, if the TENDERER buys, any other supplemental hardware from a third party and installs it within these machines under intimation to

the bidder. However, the warranty will not apply to such supplemental hardware items installed.

3.2.8.2 Preventive Maintenance:

- i. The Successful Bidder of the Cluster shall carry out Preventive Maintenance (PM), including cleaning of interior and exterior, of all hardware and testing for virus, if any, and should maintain proper records at each site for such PM. Failure to carry out such PM will be a breach of warranty and the warranty period will be extended by the period of delay in PM.
- j. The Successful Bidder of the Cluster shall monitor warranties to check adherence to preventive and repair maintenance terms and conditions.
- k. The Successful Bidder of the Cluster shall ensure that the warranty complies with the agreed Technical Standards, Security Requirements, Operating Procedures, and Recovery Procedures.
- l. The Successful Bidder of the Cluster will have to maintain minimum 5 % of the quantity deployed as spare at each of the NETRAM for quick and prompt replacement.
- m. The Successful Bidder of the Cluster shall have to stock and provide adequate onsite and offsite spare parts and spare component to ensure that the uptime commitment as per SLA is met.
- n. The Successful Bidder of the Cluster shall develop and maintain an inventory database to include the registered hardware warranties

3.2.8.3 Network operations, Services and Maintenance

- a. The Successful Bidder of the Cluster has to integrate all IP/ SNMP enable devices with the existing EMS/NMS system. The Successful Bidder of the Cluster is required to maintain uptime of the network between the different network nodes, camera end points, equipments installed inside JBs and different control centres to meet the SLA. In case the network uptime is not maintained due to non-availability of link/Bandwidth by Service provider, bidder is required to produce documentary proof (Service Desk Complaints/Incidents or Vendor assigned Tickets) in terms of certificate of downtime of network link/b/w from the service providers. In case bidder fails to provide such documentary proof the same shall be treated as non-performance of SLA and would be liable for penalty.
- b. The Successful Bidder of the Cluster will be responsible for setting up the QoS parameters (Quality of Service) for the equipments supplied under this RFP including various data types i.e., Voice, Video, Data, prioritize and manage them as per the requirement of the project from time to time.
- c. The Successful Bidder of the Cluster will have to do operational liasoning with stake holders (existing vendors of VISWAS Phase-I, link providers, state government, local bodies, third party agencies / consultants appointed/identified by the TENDERER or its user departments) to keep the link up & running.
- d. In case the TENDERER decides to migrate the network to IPv6, the successful bidder shall prepare the migration plan and execute the same as per the timeline mutually agreed between the TENDERER and successful bidder.
- e. The Successful Bidder of the Cluster has to provide UPS & Battery Health Reports in every quarter after completing proactive maintenance every quarter.
- f. LAN Cabling and Network Cabling with required patch cords with proper tagging as per cabling standards with network diagrams need to be maintained for every, Edge Location and existing NETRAMs and NETRAMs components created under this project.

3.2.8.4 Implementation, Operations and Services & Maintenance of New Junctions and End Points

- a. In case the TENDERER desires to set up the new Junction points or end points with cameras for the deployment of any of the end point utilities, the charges shall be paid to the Successful Bidder of the Cluster as per the unit price quoted in the price bid. The Complete setup including supply of additional hardware, software installation, commissioning will have to be done by the successful bidder during the contract period. After implementation of the said location, Operation, Services and maintenance of new Junctions/utilities will be applicable at the quoted unit rate of operation, service and maintenance as per the rate as defined in this bid.
- b. Any such new Junctions locations will have to include into the main system and discovered in the NMS and treated as an existing node and the O&M will also form part of this project.
- c. Thereafter any such locations shall be treated as part of the project and will be monitored under the same SLA's as defined for this project.

3.2.8.5 License Management

- a. All the software/OS licenses should be in the name of the TENDERER
- b. Successful bidder shall keep the record of all the software licenses and track software usage throughout the IT setup so as to effectively manage the risk of effective usage of software's.
- c. The Successful Bidder of the Cluster shall avoid the unauthorized usage of Licensed Software. In the event of any claim asserted by Third Party of Infringement of Copyright, Patent or Trademark arising from the use of IT components or software, the Successful Bidder of the Cluster shall be entirely responsible to extinguish such a claim. If the successful bidder fails to comply and the TENDERER is required to pay the compensation to the Third Party resulting from such infringement, the O&M agency shall be responsible for the compensation including all expenses, court costs and lawyer fees.

3.2.8.6 MIS Reports

The Successful Bidder of the Cluster in coordination with Existing Agency of VISWAS Phase-I, shall submit the reports on a regular basis (the reports may be soft copy / hard copy or both, as required by the TENDERER from time to time) in a mutually decided format. The following is only an indicative list of MIS reports that may be submitted to the TENDERER or its user departments:

- (i) City Wise Bandwidth Utilization, total traffic, peak Traffic etc.
- (ii) Overall Network Bandwidth Utilization.
- (iii) Summary of resolved, unresolved and escalated issues / complaints
- (iv) Component wise Report (Server, Network, Security devices, other utility hardware, Backup, etc.)
- (v) SLA Reports
- (vi) Log of preventive / scheduled maintenance undertaken
- (vii) Any other report as may be required from time to time
- (viii) Various NMS reports (coordination with Existing Agency of VISWAS Phase-I)

3.2.8.7 O&M of Physical Infrastructure:

- a. All the devices installed as part of the physical infrastructure should be monitored and managed end-to-end on a 24x7x365 basis even during partial go-live phase.
- b. The physical infrastructure management and maintenance services shall include, but not limited to the following:
- c. Operation and management and proactive monitoring of the entire Physical infrastructure installed at TRINETRA, NETRAMs and Edge locations

- d. Material inward/ outward control as per policies set by the TENDERER or its User departments.
- e. Reporting incidents to the TENDERER and its User departments.
- f. Vendor Co-ordination for various physical Infrastructure components
- g. Component that is reported to be down on a given date should be either fully repaired or replaced by temporary substitute (of equivalent or higher configuration) within the time frame indicated in the Service Level Agreement (SLA). In case the selected bidder fails to meet the above standards of maintenance, there will be a penalty as specified in the SLA.
- h. The Successful Bidder of the Cluster shall also be responsible for monitoring and vendor coordination for rectification of faults (if any) for components/equipments not supplied by the bidder during the project duration.
- i. The Successful Bidder of the Cluster shall also maintain records of all maintenance of the system and shall maintain a logbook on-site that may be inspected by the TENDERER or authorized authority.
- j. CCTV footage is to be kept meeting legal, regulatory, ISO Policies compliance requirements. The record retention period shall be as per policies of the TENDERER.
- k. Ensure availability of the physical Infrastructure including Power, Cooling, CCTV, and other components included as part of physical Infrastructure.
- l. For the Physical infrastructure installed at site locations such as Junction boxes, Poles, Towers, casings etc. the Successful bidder will have to keep a check of such items and maintain the same from weather conditions, rodents etc. for the entire duration of the contract.
- m. Proactive and reactive maintenance, repair or replacement of defective components (IT and Non-IT/ Hardware and Software) related to Physical Infrastructure systems and sub-systems. The cost of repair and replacement shall be borne by the selected bidder.
- n. The selected bidder shall have back-to-back arrangement with the OEMs and shall provide a copy of the service level agreement signed with respective OEMs.
- o. The Successful Bidder of the Cluster shall maintain documentation for installation, testing, commissioning of any system/sub-systems that is installed or upgraded.
- p. Acceptance test shall be carried out for any system that is installed and/or upgraded.
- q. The Successful Bidder of the Cluster shall record all the incidents/issues related to physical infrastructure services, security, systems and Sub-systems.
- r. The bidder shall carry out Risk assessment of the Physical Infrastructure as per Policy/Guidelines specified by the TENDERER and provide a Risk Assessment report including recommendations.
- s. The Successful Bidder of the Cluster shall provide training to resources deployed at periodically.
- t. Full compliance to all the policies, procedures, processes, guidelines, Government-Acts, Rules & Regulations, etc. The bidder shall provide full compliance/adherence of all activities performed by them, to the a fore mentioned statutes, without any additional cost to the TENDERER. The successful bidder will be responsible for the integration of the Cameras with the recording servers and ensure that at least 30 days on the proposed storage units.

3.2.8.8 Manpower Requirement

- a. The minimum requirement of manpower resources, their qualification and responsibility of each resource is given below. The Successful Bidder of the Cluster must ensure that appropriate qualified manpower with requisite skill sets is deputed for the project.
- b. The Successful Bidder of the Cluster shall depute the resources as per the requirements for carrying out the O&M Activity and maintaining the SLA. This is minimum indicative list of resources and based on actual requirements, the Successful Bidder of the Cluster

may deploy any number of resources to meet the SLA. The TENDERER shall not pay any cost for additional resources required to operate, maintain, monitor & manage the project as per the SLA.

- c. In case deputed employee/staff is not available or is on leave, the Successful Bidder of the Cluster is required to provide the alternative personnel with same or higher technical capabilities of the non-available personnel.
- d. The manpower deployment for the project should only be done after a proper written approval/permission from the TENDERER or its User department. The Successful Bidder of the Cluster will have to replace any person, if not found suitable for the job.
- e. The manpower to be deployed under this project should be without any criminal background / record. The TENDERER or its User department reserves the right to carry out background check of the personnel proposed on the Project for verification of criminal record, at the beginning of deployment or during deployment.
- f. Before on boarding the resource, the Successful Bidder of the Cluster must submit the Non-Disclosure Agreement (NDA) from all the resources regarding not to share any information related to project in public domain without prior consent attached Format XII.
- g. All the manpower shall have to undergo training from the Successful Bidder of the Cluster for at least 15 working days on the working, understanding and Operations of project components. Training should also cover dos & don'ts and will have few sessions from the TENDERER and its User department officers on right approaches for monitoring the feeds.

S/N	Location	Designation	Qty.	Roles & Responsibilities	Desired Qualification
A. Police station (Nagarpalika / City level)					
1	Cluster-1 One at each Nagarpalika Police Station = 15	Junior Engineer	15	<ul style="list-style-type: none"> • Installation, commissioning, Troubleshooting, of all the network equipment available in the area falling under the city/Nagarpalika/towns • Maintenance, Monitor & Support for network equipment of Junctions/locations offices • Any other activities as and when required. 	<ul style="list-style-type: none"> • Any Diploma/Graduate or higher certification • 2+ years of similar type post qualification experience
2	Cluster-2 One at each Nagarpalika Police Station = 18	Junior Engineer	18	<ul style="list-style-type: none"> • Installation, commissioning, Troubleshooting, of all the network equipment available in the area falling under the city/Nagarpalika/towns • Maintenance, Monitor & Support for network equipment of Junctions/locations offices • Any other activities as and when required. 	<ul style="list-style-type: none"> • Any Diploma/Graduate or higher certification • 2+ years of similar type post qualification experience

S/N	Location	Designation	Qty.	Roles & Responsibilities	Desired Qualification
3	Cluster-3 One at each Nagarpalika Police Station = 19	Junior Engineer	19	<ul style="list-style-type: none"> • Installation, commissioning, Troubleshooting, of all the network equipment available in the area falling under the city/Nagarpalika/towns • Maintenance, Monitor & Support for network equipment of Junctions/locations offices • Any other activities as and when required. 	<ul style="list-style-type: none"> • Any Diploma/Graduate or higher certification • 2+ years of similar type post qualification experience

Note:

These are the minimum indicative list of type and quality of resources required. However, the Successful Bidder of the Cluster is free to put additional manpower wherever required for the necessary Operations, maintenance and support to comply with the required service levels as per the RFP/contract agreement with no extra cost to the TENDERER.

3.3 Implementation Timelines for the Bidder

S/N	Deliverables	Target for Cluster -1 to 3 (for each cluster)	Payment for Cluster -1 to 3 (for each cluster)	Penalty for Cluster -1 to 3 (for each cluster)
1	Issuance of Work Order (T)			
1	Submission of Detailed implementation plan/roadmap, Signing of contract agreement and submission of performance Bank Guarantee	Within 15 Days from date of issuance of work order (T+15 days)		<p>A penalty of 0.1% of Contract value for Delay for every Week or part thereof.</p> <p>Delay beyond T + 21 Days, TENDERER may terminate the Work Order/Contract and forfeit the PBG. In such case, TENDERER may consider issuing Work Order to L2 bidder.</p>
	Agreement Signed Date (T1)			
2	Delivery of the ordered items as per the work order at central location (bidder's	T2=T1+ 150 days	50% of Total Component value of	A penalty of 1% of Total Component value of

	warehouse at Gandhinagar/Ahmedabad)		Delivered Part (as per Schedule-I of Price BID).	Delayed/Non-Delivered Part (as per Schedule-I of Price BID) for every Week or part thereof. Delay beyond T1 + 165 Days TENDERER may terminate the contract and forfeit the PBG
3	The successful bidder will complete the Installation & Commissioning of CCTV camera and related accessories as per scope of work of the Cluster The overall Installation and Commissioning of hardware, Integration and offering for acceptance shall be completed.	T3=T2+ 120 days	40% of Total Component value of the Installed and Commissioned Item (as per Schedule-I of Price BID)	A penalty of 0.75% of Total Component value of Delayed Part (as per Schedule-I of Price BID) for every Week or part thereof. Delay beyond T2+135 Days TENDERER may terminate the contract and forfeit the PBG
4	Successful Completion of 3 months from the date of Issuance of successful FAT Certificate of All the equipment covered in the Scope of the Work of Cluster	FAT Completion + 3 Months	10% of Total Component value (as per Schedule-I of Price BID).	
5	Operation and Maintenance (O&M) Period	60 months from date of Go-Live.	20 equal Quarterly Instalments after the end of each quarter of each cluster	Penalty will be applicable as per the SLA and Operations Penalties

Note: Part thereof meaning: if there is a delay of 9 days in the delivery then the penalty will be calculated as a (9/7)*1%. The same formula will be applied to points No.1,2,3.

*NOTE :

- 1) T = Work Order Date; The Work Order date will be considered as the Start date for Timeline in all case.

- 2) The Successful Bidder of the Cluster will have to provide work order acceptance within 15 days of issuance of Work Order. However the Project Implementation Timeline shall not be associated with the work order acceptance/signing of contract agreement etc.; the Project Implementation Timeline will start from the Work order date only.
 - 3) Go Live Date means the date on which the FAT of all the Cluster's component's as per the Work order has been successfully completed and accepted by the TENDERER.
 - 4) Days = Calendar days
 - 5) Under the GeM Portal we have selected Delivery Days as 150 days. However, Project Implementation Timelines will be considered as mentioned above for delivery and installation/implementation.
- a. The Successful Bidder of the Cluster must take the necessary approval of the TENDERER or its authorized representative for Schematics Diagram (Layout) before starting the implementation of the project.
 - b. Maximum Penalty cap for penalty for delay is 10% of contract value (i.e. total capex cost) for the ordered item.
 - c. "If there is a delay in delivery of the supply of hardware, an applicable penalty for delay in delivery of delayed/non-supplied hardware will be levied. Further, applicable penalties for delay in installation and commissioning will be levied for that non-installed hardware. The delay period will be calculated considering the actual date of achieving the previous milestone. i.e. if there is a delay in the delivery of 9 Days, Then T2 will be shifted for the 9 days for the Delayed equipment. (i.e. $T_3 = (T_2 + 9) + 120 \text{ Days}$)"
 - d. If TENDERER fails to provide space and related clearances to carry out the job as per the agreement terms, as a result of which the installation of the equipment is delayed and the selected agency is not able to adhere to the schedule for completing the Acceptance Tests. Delay solely on account on above will not be accounted while ascertaining actual delay and penalties thereof.
 - e. For calculation of delay any dependencies from TENDERER side will be excluded.
 - f. The Successful Bidder of the Cluster will implement the project strictly as per the plan approved by the TENDERER. The Successful Bidder of the Cluster shall carry out cabling work at such locations as may be decided by the TENDERER within a specified period as specified in Instruction letter/LOI/Order and complete their provisional Acceptance Test to the satisfaction of the TENDERER and its user Departments within 10 days from the date specified. This period may be extended depending upon the fulfilment of Conditions Precedent.
 - g. Acceptance of work will be undertaken by the TENDERER/User Departments. All Invoices, Vouchers, Bills for supplied goods and services by the Successful Bidder of the Cluster under the scope of the work will be verified measured and accepted by the TENDERER or its designated agency for release of payment.
 - h. As part of implementation the Successful Bidder of the Cluster shall provide details of equipment that will be incorporated in the proposed system, material and manpower as required. The location for storing spare parts and quantity there on should also be clearly indicated.
 - i. The Successful Bidder of the Cluster shall provide the necessary technical support, Standard Operating Procedure (SOP) and other information to the TENDERER and its user organizations in implementing the proposed system applications. The TENDERER at any time during the currency of the Agreement should have access to the proposed sites.
 - j. The Successful Bidder of the Cluster shall provide training to the TENDERER and its user Department's personnel at no additional cost to the TENDERER. The training schedule, content and modalities will be defined jointly by both the parties.
 - k. The Successful Bidder of the Cluster shall arrange to obtain all statutory permission with no cost to the TENDERER. The Successful Bidder of the Cluster may have to work during

Holidays and Sundays, according to the urgency of work The Successful Bidder of the Cluster will obtain such permission on his own in consultation with the TENDERER and its User Departments. It will be the responsibility of the Successful Bidder of the Cluster to co-ordinate with the TENDERER and its User Departments as necessary to execute the required job.

- l. The Successful Bidder of the Cluster shall not disturb or damage the existing network of communication. If in case any damage to the network is done, the same shall be corrected with no extra cost. The Successful Bidder of the Cluster shall also be responsible for paying penalty, as imposed by the service owner to which the damage is incurred.
- m. In case of the material/solution supplied and installed is rejected owing to its non-conformity to the specification or due to the poor quality of workmanship, the same shall be replaced promptly by the successful bidder.
- n. The Successful Bidder of the Cluster shall treat all matters connected with the contract strictly confidential and shall undertake not to disclose, in any way, information, documents, technical data, experience and know how, without prior written permission from the TENDERER.
- o. Any damage caused to the property of the TENDERER while executing the job shall be solely successful Clusters bidder's responsibility. In case any damage to the property is caused, the same will be recovered from the successful bidder. No extra cost shall be paid to the successful bidder for such reasons.
- p. The Successful Bidder of the Cluster shall have to furnish the documentation of the work undertaken in consultation with the TENDERER. 3 sets of such documentation should be provided before the issue of completion certificate.
- q. It is a turnkey project. The Successful Bidder of the Cluster shall be fully responsible for implementing the Project in totality and should include the items and their prices, if not included in Schedule of Requirement to complete the project on turnkey basis. Any claim whatsoever in this regard will not be entertained later.
- r. In the event of the delay in delivery of contracted services or services is not satisfactory the purchaser may procure goods from elsewhere as prescribed in bid and the successful bidder shall be liable without limitations for the difference between the cost of such substitution and the price set forth in the contract for the goods involved i.e., at the risk and cost of the bidder.
- s. The TENDERER or its designated agency reserve the right to visit any working site of the bidder with prior intimation. The concern bidder must make necessary arrangement for the same.
- t. The Successful Bidder of the Cluster shall be responsible and take required insurance for all their representations working on the site at their own cost. The TENDERER will not be responsible for any loss or damage to any of the representatives of the successful bidder during the said contract.
- u. All work shall be performed and executed by the Successful Bidder of the Cluster in strict conformity with conditions laid down in the RFP and any relative instruction issued to the successful bidder by the TENDERER from time to time.
- v. In the event of the delay in delivery of contracted goods and services or the services provided are not satisfactory, the TENDERER may procure the goods/services from elsewhere as prescribed in bid and the Successful Bidder of the Cluster shall be liable without limitations for the difference between the cost of such substitution and the price set forth in the contract for the goods involved i.e., at the risk and cost of the bidder.
- w. The TENDERER shall associate few engineers / technicians during installation and commissioning work. The Successful Bidder of the Cluster shall ensure proper participation of the nominated personnel(s) from the TENDERER's office or its user departments and train them on the services provided. Also, the successful bidder shall organize the systematic training of selected personnel from the TENDERER's office on the operation / management of equipment.

- x. The Successful Bidder of the Cluster is required to co-ordinate with selected connectivity provider/bidder and Existing agency of VISWAS Phase-I for successful commissioning of work as per scope of work.

3.4 Roles and Responsibilities

S/N	Stakeholders	Roles and Responsibilities
1	Successful Bidder of VISWAS-II	<ul style="list-style-type: none"> Detailed Implementation Plan including site survey/feasibility study. Submission of final Junction wise, District wise BoQ. However, in any case it should not go beyond the total ordered quantity. If actual quantities are increasing beyond the ordered quantities then bidder should first inform and get written confirmation from TENDERER before executing the work, else TENDERER is not liable to pay for the additional quantities. Supply, Installation, Commissioning and operations & maintenance of the ordered Items and Infrastructures for the period of 5years Development of test cases for FAT Integration with the various existing systems Provide necessary and qualified manpower for the entire Project duration Obtain required clearances/ approvals from appropriate authorities Adherence to the regulatory requirements SLA compliance
2	TENDERER	<ul style="list-style-type: none"> Providing required physical infrastructure at the operation centres of TRINETRA/NETRAMs/City Police Stations with complete Civil and electrical Infrastructure such as Power, seating space, Air Conditioning, Furniture's, Flooring, DG Set etc. Payment to successful bidder To provide necessary space for edge equipment erection/installation. IP schema/ Pool for the network and IP equipment RAW power/electricity. However, extension till the last mile/actual utility will be in the scope of successful bidder. To help and assist Successful Bidder for obtaining necessary clearances/approvals from appropriate authorities

SECTION-IV: TECHNICAL SPECIFICATIONS

Technical Specifications

4.1 Online UPS for NETRAMs (District Control Centre (s))

S/N	Parameter	Minimum Specification
1.	Output Power Capacity	For NETRAMs (District Command Control Centre)-10 KVA with Min. 1 Hours of battery backup
2.	Technology	True On-line High-Frequency Design UPS with Double Conversion technology Rectifier & Inverter both to be IGBT based PWM
3.	Certifications	CE/ BIS and ROHS standards (certified at the time of bidding)
4.	Input Voltage Range	160-280 VAC @ 100% load, Single Phase
5.	Input Freq. Range	50Hz +/- 3 (auto sensing)
6.	Input Power Factor	0.99 (100% Load)
7.	Input Protection	Thermal Circuit Breaker/Isolator with fuses
8.	Output Voltage	220/230/240 VAC +/- 1%
9.	Output Frequency	50Hz ± 0.5Hz
10.	Output Waveform	Pure Sinewave
11.	O/P Voltage Distortion	<3% for Linear, <6% for Non-Linear Load
12.	Efficiency (Overall)	> 85%
13.	Efficiency (Inverter)	> 90%
14.	Battery Type	SMF-VRLA (Sealed maintenance free valve regulated lead acid)
15.	Battery Make	Exide, Quanta, Panasonic, CSB, Yuasa, Relicell or equivalent
16.	Battery Backup	60 min backup on Full Load
17.	Communication	Full-Functional SNMP Card should be present; RS 232 & USB port with software for UPS status monitoring
18.	Protection	Inherent protection should be provided for Output Short-circuit and Overload, Input Fault, Cold Start, Low battery, Battery Over and Under charge, Battery Disconnect, Battery self-test feature, Over Temperature, OVCD, External Transient Voltage Surge Suppressor, etc.
19.	LCD Display	Input Voltage, Input Frequency, Output voltage, Output Current, Output Frequency, Battery Voltage, UPS Status, Load Level, Battery Level, Discharge Timer, Battery Disconnect and Fault Conditions
20.	By Pass	Manual and Automatic (Built-in) Bypass switch should be provided
21.	Environment	Noise Level – less than 60 dB at a distance of 1 meter
22.	Operating Temperature	0-40° C
23.	Relative Humidity	20-90% RH @ 0-40° C (Non-condensing)
24.	Miscellaneous	ECO Mode Operation with Enable/Disable function Cooling: Forces Air Cooling Emergency Power Off (EPO)

		BYPASS Mode Operation with Enable/Disable function
		Cables: With all necessary cables and plug and Battery links
		Rack: Suitable Metallic Rack for housing of SMF Batteries to be provided
25.	Battery Replacement	The successful bidder has to replace the UPS battery every 2 years for uninterrupted and smooth operations. OEM should confirm battery replacement in UPS at the end of 2nd year and 4th year respectively.

4.2 Online UPS for Nagarpalika/Town/Police Station

S/N	Parameter	Minimum Specification
1.	Output Power Capacity	For Nagarpalika/Police Station -1 KVA with min. 2 Hours of battery backup
2.	Technology	IGBT-PWM
3.	Certifications	CE / BIS and ROHS standards (certified at the time of bidding)
4.	Input Voltage Range	160-260 VAC @ 100% load, Single Phase
5.	Input Freq. Range	50Hz +/- 3% (auto sensing)
6.	Input Power Factor at Full Load	0.90
8.	Output Voltage	220/230/240 VAC +/- 1%
9.	Output Frequency	50Hz ± 0.5Hz
10.	Output Waveform	Pure Sinewave
11.	O/P Voltage Distortion	<3% for Linear, <6% for Non-Linear Load
12.	Efficiency (Overall)	> =90%
13.	Efficiency (Inverter)	> 90%
14.	Battery Type	SMF-VRLA (Sealed maintenance free valve regulated lead acid)
15.	Battery Make	Exide, Quanta, Panasonic, CSB, Yuasa, Relicell or equivalent
16.	Battery Backup	120 min backup on Full Load - At Police Station Level
17.	Communication	Full-Functional SNMP Card should be present; RS 232 or USB port with software for UPS status monitoring
18.	Protection	Inherent protection should be provided for Output Short-circuit and Overload, Input Fault, Cold Start, Low battery, Battery Over and Under charge, Battery Disconnect, Battery self-test feature, Over Temperature, OVCD, External Transient Voltage Surge Suppressor, etc.
19.	LCD Display	Input Voltage, Input Frequency, Output voltage, Output Current, Output Frequency, Battery Voltage, UPS Status, Load Level, Battery Level, Discharge Timer, Battery Disconnect and Fault Conditions
20.	By Pass	Manual and Automatic (Built-in) Bypass switch should be provided
21.	Environment	Noise Level – less than 60 dB at a distance of 1 meter
22.	Operating Temperature	0-40° C
23.	Relative Humidity	20-90% RH @ 0-40° C (Non-condensing)
24.	Miscellaneous	ECO Mode Operation with Enable/Disable function
		Cooling: Forces Air Cooling
		Emergency Power Off (EPO)
		BYPASS Mode Operation with Enable/Disable function
		Cables: With all necessary cables and plug and Battery links

		Rack: Suitable Metallic Rack for housing of SMF Batteries to be provided
25.	Battery Replacement	The successful bidder has to replace the UPS battery every 2 years for uninterrupted and smooth operations. OEM should confirm battery replacement in UPS at the end of 2nd year and 4th year respectively.

4.3 Junction Box, with adjustable mounting frames

S/N	Parameter	Specification
1.	Built	The Outdoor Utility Cabinet will be constructed with a front sheet steel door with 3-point Locking system to ensure the security of the cabinet. Side and Wall Panels shall be thick wall constructed, with fixing bolts internal to the cabinet. The Cabinet should have the required frames to mount the required components like, network device, power, UPS, Stabilizer, surge protector, LIU, battery, etc.
2.	Utility & IP rating	Should be Made for 24X7X365 Outdoor Applications; The Utility Cabinet shall be IP 55 rated (Regulatory Standard Compliance) for ingress protection.
3.	Size	The cabinet has to be provided of size suitable for the mounting of the associated network devices, power, UPS and Battery components securely and safely within the cabinet.
4.	PDU	Minimum 5x 5 Amp. Indian Standard PDU's has to be provided to support the site equipment. No. of PDUs should be as per actual requirement.
5.	Installation	Each Cabinet will be mounted on a raised height Plinth, 600 - 1000 mm high, as per site requirements. FAN Cooling unit shall be inherent in the design.
6.	Cable	Proper cable management with cable tagging should be provided
7.	Management	Cable Routing: Power connection cable shall be provided from the nearest access point provided by Power utility company to the Outdoor Utility Cabinet through Power meter enclosure.

4.4 Surge Protection Power Strips

S/N	Parameter	Minimum Specification
1.	Clamping Voltage	240 V
2.	Response time	<10 ns
3.	Energy Dissipation	Min 500 joules
4.	Max voltage Spike protection	Up to 400 Volts
5.	Max current Spike Protection	5000 Amps
6.	Cable	Heavy duty Cable of standard Length
7.	Power Outlet	Min. 4 Nos. 5 Amp Indian Standard Power Outlets
8.	Operating Temperature	0-55 ° C .The bidder has to take into consideration of the internal temperature adjustment of the junction box

4.5 Voltage Stabilizers at Junctions

S/N	Parameter	Minimum Specification
1.	Device capacity	3 KVA
2.	Voltage Correction	Automatic, IC Controlled
3.	Input Voltage Range	130 V to 280 V
4.	Frequency Range	50 Hz +/- 5 %
5.	Output Voltage Range	200 V to 230 V, +/- 5 %
6.	Efficiency	> 95%
7.	Protection/Cut off	Over Voltage and over Current Protection, Thermal and Electronic Overload

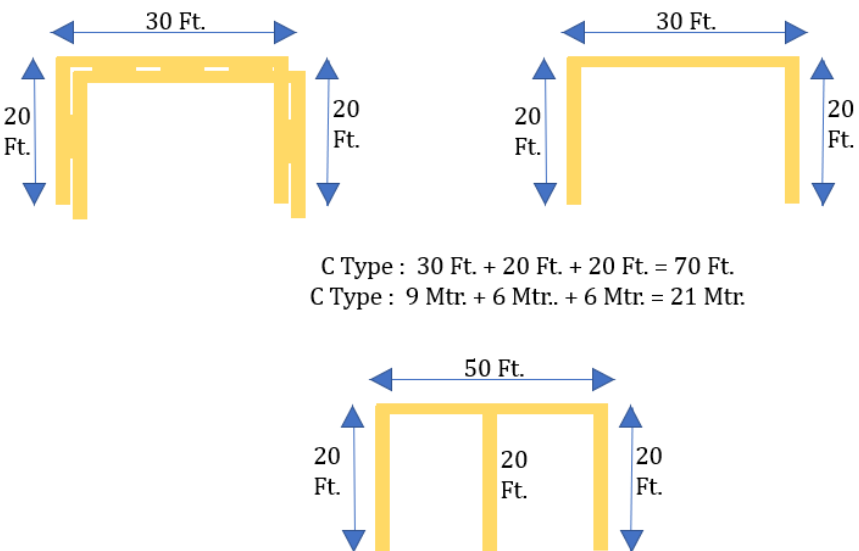
8.	Device Construction	Compact and modular construction for easy handling and servicing
9.	Power Outlets	4 Nos. 5 Amp Indian Standard Power Outlets
10.	Operating Temperature	0-55 ° C. The bidder has to take into consideration of the internal temperature adjustment of the junction box

4.6 Poles including mounting/installation

S/N	Parameter	Minimum Required Specifications
1.	Pole type	Galvanized pole as per IS:2629 and Fabrication as per IS:2713
2.	Height	6 meter above ground surface <ul style="list-style-type: none"> Bottom section: 3.2 meter Middle Section: 1.4 meter Top Section: 1.4 meter
3.	Foundation	Minimum 1 meter; To ensure that video feed quality is not impacted due to winds in different climatic conditions and from vibration caused due to heavy vehicles on road
4.	Pole Diameter (Outer side)	<ul style="list-style-type: none"> Bottom section: 97.9mm Middle Section: 76.2mm Top Section: 65.2mm
5.	Bottom Base Plate	300mm x 300mm x 6mm
6.	Protection	Lightening arrestor and Earthing
7.	Cantilevers	<ul style="list-style-type: none"> The pole should support 3 number of cantilevers of varying length from 0.5 to 2.0 meters. The cantilever should be fitted such that they can be rotated to change the direction or adjust the angle, if at all required. The Cantilever should be strong enough so as to mount at least 2 CCTV camera's and associated fixtures like IR, etc., if required.
8.	Mounting Facility	Should support pole, cantilever, Junction Box

4.7 Gantry including mounting/installation

Sr No	Parameter	Minimum Required Specifications
1	Gantry Type	Galvanized as per IS:2629 and Fabrication as per IS:2713
2	Height	The minimum vertical clearance between the finished road surface and the bottom of the support structure shall be 6.5 m as per NHAI guidelines or as suggested by local bodies like SH, R&B, etc.
3	Width	The width of the gantry should be as per on ground requirement of the road size. The structure should be supported on both the sides of the road through appropriate concrete Foundation.
4	Foundation	<p>Minimum 1.5 meter so as to ensure that video feed quality is not impacted due to winds in different climatic conditions and from vibration caused due to heavy vehicles on road.</p> <p>The RCC foundation with M20 Grade Ready- mix RCC and required IRON bar structure to take load of Gantry weight as well as Mounted CCTV Cameras and its accessories approved by Structure Engineer</p>
5	Structure	The Gantry should withstand wind-speeds up to 150km/hr. and support the weight of at least 6 CCTV cameras with accessories including IR, LED, etc. (should be Implemented as per the site requirements) with structure's self-weight. This should be certified by a structure engineer
6	Paint	The structure shall be painted with one coat of primer and two coats of PU paint. Grey/silver paint or as described by Tenderer

7	Protection	Lightening arrestor and Earthing as per IS-3043
8	Mounting Facility	Should support Junction Box
9	Road Safety	Gantry should be installed with reflective taps along with consideration of road safety standards & Road Engineering
10	Utilization	The Gantry shall be installed only at the locations where there is a need of minimum 3 ANPR cameras on a single arm of the 3-lane road.
11	Measurement for payment	<p>Gantry should be measured in running feet single straight line for Horizontal and Vertical structure without zigzag bars/additional structure support. It should be measured from ground surface (excluding foundation structure) Please refer below image for clarification.</p> <p>Note: Even if two poles will be installed only single straight-line (Horizontal and Vertical structure) will be considered as shown below:</p>  <p>C Type : 30 Ft. + 20 Ft. + 20 Ft. = 70 Ft. C Type : 9 Mtr. + 6 Mtr. + 6 Mtr. = 21 Mtr.</p> <p>M Type : 50 Ft. + 20 Ft. + 20 Ft. + 20 Ft. = 110 Ft. M Type : 15 Mtr. + 6 Mtr. + 6 Mtr. + 6 Mtr. = 33 Mtr.</p>

4.8 Workstations

S/N	Parameter	Minimum Required Specifications
1.	Processor	Latest Intel / AMD processor with min 3 GHz or higher
2.	Motherboard & Chipset	OEM Motherboard & Compatible 64-bit Chipset
3.	Video	Integrated Graphic controller with minimum 4 GB video memory (non-shared), NVIDIA Quadro/AMD FirePro
4.	System Memory	Minimum 8 GB DDR4 or higher expandable up to 32 GB or more
5.	Ports	6 Nos. or Higher USB (min 2 USB3.0), 1X HDMI / 1 VGA Port.
6.	Storage	1 TB, SATA HDD 7200 RPM. Provision for installing more drives
7.	Monitor	27 Inches or higher x 1 Nos., Resolution- 1920x1080, Aspect Ratio-16:9
8.	Keyboard	104 Keys or Higher Mechanical Keyboard
9.	Mouse	USB/wireless Optical Scroll Mouse
10.	OS Support	Pre-Loaded Windows 10 Professional with recovery disc
11.	Certification	RoHS, ENERGY STAR/BEE certified at the time of bidding

4.9 Camera Type A (Box Cameras for ANPR & Speed Detection)

S/N	Parameter	Minimum Specification
1.	Image sensor and Effective Pixels (Resolution)	1/2.8" or better, CMOS Progressive Scan & Minimum 2 MP (for ANPR & Speed Detection)
2.	Electronic Shutter	1 to 1 / 10,000 s or better
3.	Focus	Manual
4.	Automatic Gain Control	Automatic / Manual
5.	S/N Ratio	>50 dB
6.	Frame Rate	50/60 FPS for ANPR & Speed Detections Camera at Full Resolution
7.	Codec	H.265, or better
8.	Multi Focal Lens	≤ 6 mm to ≥ 50 mm Lens or better (For ANPR & Speed detection Cameras)
9.	Minimum Illumination	0.5 Lux (Colour) & 0.01 Lux (B/W)
Video		
10.	Day and Night functionality	Automatic, Color, Mono
11.	WDR	True WDR 120 dB or better
12.	Video Streams	Individually configurable min 03 video streams (H.265), Unicast/Multicast
13.	Intelligent Video	Motion detection, Tampering Alert
Network & Interface		
14.	Interface	RJ-45 for 10/100 base-T Ethernet
15.	Network Protocols support	IPv4, IPv6, TCP/IP, HTTP, DHCP, UDP, DNS, SMTP, RTP, RTSP, SNMP protocols/Should meet all functional requirement of the project
16.	Alarm Event (Non-working, tampering,)	Events / alerts send via FTP, HTTP, email, Pre-Post alarm video buffering.
17.	Compliance	ONVIF Profile S,G &T compliant
Security		
18.	General	Password Protection, HTTPS encryption, IEEE 802.1X
General Camera Features		
19.	Operational Temperature °C	0°C to 50 °C
20.	Outer Casing	Vandal Proof IK10 or above rated, NEMA 4X/ IP66 rated Housing
21.	Alarm	Alarm Support Required (1 Input and 1 Output)
22.	Audio	Audio Support Required (1 Input and 1 Output)
23.	Power	PoE (802.3 af) OR AC 24V/ DC12V
24.	Certifications	CE/EN/Equivalent Indian Standards, FCC/Equivalent Indian Standards, /UL 62368-1/Equivalent Indian Standards, IEC/BIS/Equivalent Indian Standards certified at the time of bidding.
25.	Undertaking	<p>No support and use of GB/T 28181 protocol</p> <p>The cameras offered must be cyber security certified with NDAA/UL Cyber security certificate/GDPR/NIST/ TPM/Cybersecurity Chipset/ ISO 27032 /Any other cyber security certificate from Indian Government body for mitigating cyber security risk.</p> <p>The MAC ID's of the CCTV Cameras to be supplied against this tender shall be registered in the name of the OEM of the CCTV Cameras.</p>
26.	Local Storage should (memory card of Min 32 GB to be included)	In the event of failure of connectivity to the central server the camera shall record video internally or on the SD card automatically.
27.	Mounting Accessories	For pole/gantry/ surface mount with L/C Brackets with bird scare spikes to prevent birds from sitting on top of camera.

4.10 Camera Type B (Box Camera for Surveillance)

S/N	Parameter	Minimum Specification
1.	Image sensor and Effective Pixels (Resolution)	1/ 3" or better, CMOS Progressive Scan & Minimum 2 MP or better
2.	Electronic Shutter	1 to 1 / 10,000 s or better
3.	Focus	Automatic and Manual both
4.	Automatic Gain Control	Automatic / Manual
5.	S/N Ratio	> 50 dB
6.	Frame Rate	25/30 FPS for 1920 x 1080
7.	Codec	H.265, or better
8.	Multi Focal Lens	≤6 mm to ≥50 mm lens or better
9.	Minimum Illumination	0.5 Lux (Colour) & 0.01 Lux (B/w)
Video		
10.	Day and Night functionality	Automatic, Color, Mono
11.	Video Resolution	Minimum 2 MP (1920 x 1080) or Better
12.	WDR	True WDR 120 dB or better
13.	Video Streams	Individually configurable minimum 03 video streams (H.265), Unicast/ Multicast
14.	Intelligent Video	Motion detection, Tampering Alert
Network & Interface		
15.	Interface	RJ-45 for 10/100 base-T Ethernet
16.	Network Protocols support	IPv4, IPv6, TCP/IP, HTTP, DHCP, UDP, DNS, SMTP, RTP, RTSP, SNMP protocols/Should meet all functional requirement of the project
17.	Alarm Event	Events / alerts send via FTP, HTTP, email, Pre-Post alarm video buffering.
18.	Compliance	ONVIF Profile S,G &T compliant
Security		
19.	General	Password Protection, HTTPS encryption, IEEE 802.1X
General Camera Features		
20.	Operational Temperature °C	0°C to 50 °C
21.	Outer Casing	Vandal Proof IK10 or above rated, NEMA 4X /IP66 rated Housing
22.	Alarm	Alarm Support Required (1 Input and 1 Output)
23.	Audio	Audio Support Required (1 Input and 1 Output)
24.	Power	PoE (802.3 af) OR AC24V/ DC12V
25.	Certifications	CE/EN/Equivalent Indian Standards, FCC/Equivalent Indian Standards, /UL 62368-1/Equivalent Indian Standards, IEC/BIS/Equivalent Indian Standards certified at the time of bidding
26.	Undertaking	<p>No support and use of GB/T 28181 protocol</p> <p>The cameras offered must be cyber security certified with NDAA/UL Cyber security certificate/GDPR/NIST/TPM/Cybersecurity Chipset/ ISO 27032 /Any other cyber security certificate from Indian Government body for mitigating cyber security risk.</p> <p>The MAC ID's of the CCTV Cameras to be supplied against this tender shall be registered in the name of the OEM of the CCTV Cameras.</p>
27.	Local Storage should (memory card of Min 32 GB to be	In the event of failure of connectivity to the central server the camera shall record video internally or on the SD card


S/N	Parameter	Minimum Specification
	included)	automatically.
28.	Mounting Accessories	For pole/gantry/ surface mount with L/C Brackets with bird scare spikes to prevent birds from sitting on top of camera.

4.11 Camera Type C: PTZ

S/N	Parameter	Specification
1.	Sensor	1/3" CMOS & Minimum 2 MP
2.	Min. Illumination	Color: 0.5 lux 0.01 lux with IR or better
3.	Scanning System	Progressive
4.	S / N Ratio	>50dB
5.	IR Distance	Internal/ External with min 150 meters coverage
6.	IR Intensity	Automatically Adjust
7.	IR on/Off Control	Auto
8.	WDR	True WDR 120 db or better
Lens		
9.	Optical Zoom	30X or better
10.	Focal Length	5 to 150mm or Better (The minimum required optical zoom is 30 X)“Lower end of focal length from 4.3 mm to 5 mm will be allowed, Higher end of focal length from 129 mm to 150 mm will be allowed”
11.	Focus Control	Auto/Manual
Pan Tilt Zoom		
12.	Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: 0° ~ 90°, auto flip 180°
13.	Manual Control Speed	Pan: 0.1° ~160° /s; Tilt: 0.1° ~120° /s
14.	Preset Speed	Pan: 240° /s; Tilt: 160° /s
15.	Presets	Minimum 150 Preset Points
Video		
16.	Compression	H.265 or better
17.	Streaming Capability	Individually configurable minimum 03 video streams (H.265 or better)
18.	Resolution	1080 P or Better
19.	Frame Rate	1080P (1 ~ 25/30fps)
20.	Day and Night	Automatic, Color, Mono
21.	White Balance	Auto / Manual /ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp
22.	Noise Reduction	Ultra DNR (2D/3D)
23.	Motion Detection	Required
24.	Region of Interest	Required
25.	Digital Zoom	12X or better
Network		
26.	Ethernet	RJ-45 (10/100Base-T)
27.	Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1X, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP,
28.	Interoperability	ONVIF Profile S,G &T compliant
29.	Streaming Method	Unicast / Multicast
30.	Local Storage should (memory card of Min 32 GB to be included)	In the event of failure of connectivity to the central server the camera shall record video locally on the SD card automatically.
31.	Certification	CE/EN/Equivalent Indian Standards, FCC/Equivalent Indian Standards, /UL 62368-1/Equivalent Indian Standards, IEC/BIS/Equivalent Indian Standards certified at the time of bidding
32.	Undertaking	No support and use of GB/T 28181 protocol

S/N	Parameter	Specification
		The cameras offered must be cyber security certified with NDAA/UL Cyber security certificate/GDPR/NIST/ TPM/Cybersecurity Chipset/ ISO 27032 /Any other cyber security certificate from Indian Government body for mitigating cyber security risk. The MAC ID's of the CCTV Cameras to be supplied against this tender shall be registered in the name of the OEM of the CCTV Cameras.
33.	Power	PoE /+(802.3 af/at) OR AC 24V/ DC12V/ 100- 230VAC
General		
34.	Working Temperature / Humidity	0°C to 55 °C, 80% RH non-condensing within enclosure
35.	Security	Password Protection, HTTPS encryption, IEEE 802.1X
36.	Alarm	Alarm Support Required (1 Input and 1 Output)
37.	Audio	Audio Support Required (1 Input and 1 Output)
38.	IP Rating	Vandal Proof IK10 or above rated, NEMA 4X /IP66 rated Housing
39.	Mounting Accessories	For pole and surface mount with L/C Brackets

4.12 CCTV Sign boards

S/N	Parameter	Minimum Specification
1	Size	Board Width = 12" / 12"
2	Plate Material	Corrosion resistant Aluminum Alloy as per IRC 67:2001 (Code of Practice for Road signs)
3	Plate Thickness	Minimum 1.5 mm
4	Retro-Reflective sheeting for sign-plate	Weather-resistant, having color fastness
5	Other Specifications	As per IRC 67:2001 (Code of Practice for Road signs)
6	Mounting	Can be mounted on wall or pole (appropriate mounting brackets to be provided)
7	Sample Design	As per following signage diagrams: The Text on the board should be in Gujarati Language only
		

4.13 External IR Illuminator

S/N	Parameter	Specification
1.	Range	Min 50 meter at 60-degree angle
2.	Minimum illumination	High Sensitivity @0 Lux
3.	Angle of Mounting	Adjustable
4.	General	External Illuminator with visibility should be at least 50m. Illumination (Color & b/w) should be sufficient to capture Objects/Faces at night time when there is not sufficient illumination at site.
5.	Power	DC (12V/ 24V) / AC (100-270V) , Auto on/off
6.	Casing	IP 66 and IK10 Rated
7.	Operational Temperature	0°C to 55 °C
8.	Certification	CE/EN/Equivalent Indian Standards, FCC/Equivalent Indian Standards, at the time of bidding

4.14 **24 Port Managed L3 Switch**

S/N	Specification
1.	Port Details (Duplex: Full, Half) and minimum switching capacity: As per Annexure-C
2.	All the interfaces ports should be wire speed and non-blocking
3.	Should be IPv4 and IPv6 ready from day one
4.	Should support minimum 8000 MAC address entries
5.	Should support protocols like MSTP, STP, RSTP, dot1q VLAN-tagging, LACP, NTP/SNTP, RFC 5171 or equivalent standards, sflow/netflow/jflow
6.	Should have features like port-security, auto-negotiate, MAC filtering
7.	Should support dynamic routing protocols like static route, OSPF, RIP, Multicast, PIM(v2), IGMP(v1, v2, v3) from day one for both IPv4 and IPv6.
8.	Should support minimum 1024 multicast groups
9.	Should have a dedicated OOB Management port using CLI(SSH), WebUI(SSL), SNMP (V1, v2/V2c, V3), TFTP, etc.
10.	Should support AAA features using TACACS+, Radius, etc.
11.	Should be NDPP/EAL3/VAPT assessment report/TSEC certificate/STQC certified/ NABL certified at the time of Bidding
12.	All necessary SFP's, interfaces, connectors, patch cords (if any) & applicable licenses must be delivered along with the switch from day one.
13.	The device should support the aggregation of the interfaces to form one single logical interface for data transfer.
14.	Should have internal redundant power supply
15.	The Switch should be Rack mountable & the switch should be supplied with Indian standard AC power cord.

4.15 **48 Port Managed L2 Switch**

S/N	Specification
1.	Port Details (Duplex: Full, Half) and minimum switching capacity: As per Annexure-C
2.	All the interfaces ports should be wire speed and non-blocking
3.	Should be IPv4 and IPv6 ready from day one
4.	Should support minimum 4000 MAC address entries
5.	Should support protocols like MSTP, STP, RSTP, dot1q VLAN-tagging, LACP, NTP/SNTP, RFC 5171 or equivalent standards, sflow/netflow/jflow
6.	Should have features like port-security, auto-negotiate, flow control, MAC filtering
7.	Should have a dedicated OOB Management port using CLI(SSH), WebUI (SSL), SNMP (V1, V2/V2c, V3), TFTP, etc.
8.	The device should support the aggregation of the interfaces to form one single logical interface for data transfer.
9.	Switch should support AAA features using TACACS+, Radius, LDAP, etc.
10.	Should be NDPP/EAL3/VAPT assessment report/TSEC certificate/STQC certified/NABL certified at the time of Bidding
11.	All necessary SFP's, interfaces, connectors, patch cords (if any) & licenses must be delivered along with the switch from day one.
12.	The device should support the aggregation of the interfaces to form one single logical interface for data transfer.
13.	Should have redundant power supply
14.	The Switch should be Rack mountable & the switch should be supplied with Indian standard AC power cord.

4.16 8 Port Managed Outdoor L2 Switch with Fibre Port

S/N	Specification
1.	Minimum 8 No's of 100/1000 Base-Tx PoE ports (Duplex, Full, Half) and 2 x 1G SFP Uplink port loaded with SFPs
2.	All ports should have features of auto- negotiate, flow control (802.3x), port-based network access control (802.1x), port security, MAC filtering etc.
3.	Minimum Switching capacity of 8 Gbps or more
4.	Should be IPv4 and IPv6 ready from day one
5.	Should have IGMP snooping v1,2 & 3 supporting min 100 multicast groups
6.	Features of DHCP Relay NTP or equivalent, SNMPv1, v2 & v3, TELNET/ SSH,
7.	Should have console port for administration & management, CLI and web-based GUI for easy management
8.	Support for IEEE 802.3ad Link Aggregation Control Protocol (LACP)
9.	Port Security to secure the access to a port based on the MAC address of a user's device. The aging feature to remove the MAC address from the switch after a specific time to allow another device to connect to the same port.
10.	Multilevel security on console access to prevent unauthorized users from altering the switch configuration.
11.	Port-based and 802.1Q tag-based VLANs, Guest VLAN, Private VLAN
12.	All necessary SFP's, interfaces, connectors, patch cords (if any) & licenses must be delivered along with the switch from day one
13.	Web/SSL, Telnet server/SSH, ping, traceroute, Simple Network Time Protocol (SNTP)/NTP, Trivial File Transfer Protocol (TFTP), SNMP, RADIUS, syslog, DNS client
14.	Duplicate address detection (DAD)
15.	Operating Temperature: 0°C to 70°C
16.	10 % to 90 % RH, non-condensing

4.17 Server Rack- 42U

S/N	Specification
1.	Door Steel Ful Prf 600W x 42U
2.	Castor with ft break (2+2)
3.	Sliding Tray
4.	Should have sufficient perforation for ventilation of air
5.	IPDU (minimum 2 nos.): As per the requirements of the IT equipment's to be loaded

4.18 Network Rack- 42U

S/N	Specification
1.	Door Steel Ful Prf 800W x 42U
2.	Castor with ft break (2+2)
3.	Sliding Tray
4.	Should have sufficient perforation for ventilation of air
5.	IPDU (minimum 2 nos.): As per the requirements of the IT equipment's to be loaded

4.19 Rack (At Police Station)- 24U

S/N	Specification
1.	Door Steel Ful Prf 800W x 24U
2.	Castor with ft break (2+2)
3.	Sliding Tray
4.	Should have sufficient perforation for ventilation of air
5.	IPDU(minimum 2 nos.): As per the requirements of the IT equipment's to be loaded

4.20 Storage (for Video's)

S/N	Parameter	Specification
1.	Storage	<ul style="list-style-type: none"> Storage period of 30 days Storage Capacity: As per Annexure-C The Storage capacity mentioned is the Usable capacity in RAID 6 Configuration. The proposed storage solution should be scalable as per requirement. Disks should be maximum of 16 TB Storage solution should comprise of Active-Active Load Balancing Storage Controllers with 64GB cache from day one and the storage solution should be scalable up to 128GB. Should be able to store all types of data (Data, Voice, Images, Video, etc.) Storage should support all industry standard RAID type The proposed Storage should have 12 Gbps Drives (it should support SSD, SAS & NL-SAS types) or higher. Modular design to support controllers and disk drives expansion Should be Rack Mountable The controllers / Storage nodes should be upgradable without any disruptions / downtime Licenses for the storage management software should include disc capacity/count of the complete solution and any additional disks to be plugged in the future, up to max capacity of the existing controller/units. A single command console for entire storage system. Storage solution must offer data assurance as per T10-PI standard and equivalent standard for end to end data protection. Should have the functionality of performance, utilization monitoring of storage, disk drives and management software The storage array must have complete cache protection mechanism either by de-staging data to disk or providing complete cache data protection with battery backup for minimum 4 hours The storage should have no single point of failure on components like controllers, disks, cache memory, I/O Ports, Power supply, Fan, etc. The solution should allow to transfer and store the data, on need basis, to any other storage irrespective of Make/Model across LAN/WAN within the state.

Note:

- 1.) The above-mentioned specification are the minimum required specifications, the bidder is free to quote a product with better or higher specifications to meet the outcome of each service asked under the project.
- 2.) **Better or Higher Specification would mean:**
 - In case of a camera, higher pixel resolution, lower focal length on lower end of zoom and higher focal length on higher end of zoom, more frame rates than sought, bigger sensor size (number on denominator being smaller when sensor size presented as 1/x" size), better pan/tilt angles, better zoom (bigger than ## * times specified)
 - In case of networking devices, better through put, a greater number of ports for ethernet or fibre as specified, PoE Rating.
- 3.) The certifications for the items wherever asked has to be submitted along with the Technical Compliance and supported with relevant certificate/documents, failing which the bid may be summarily rejected.

SECTION-V: INSTRUCTION TO BIDDERS

5.1 General Instruction to Bidders

5.1.1 All information supplied by Bidders may be treated as contractually binding on the Bidders on successful award of the assignment by the TENDERER on the basis of this RFP. No commitment of any kind, contractual or otherwise shall exist unless and until a formal written contract has been executed by or on behalf of the TENDERER. Any notification of preferred bidder status by the TENDERER shall not give rise to any enforceable rights by the Bidder. The TENDERER may cancel this public procurement at any time prior to a formal written contract being executed by or on behalf of the TENDERER.

5.1.2 This RFP supersedes and replaces any previous public documentation, communications, and Bidders should place no reliance on such communications. The TENDERER may terminate the RFP process at any time and without assigning any reason. The TENDERER makes no commitments, express or implied, that this process will result in a business transaction with anyone.

5.2 Cost of Bidding

5.2.1 The Bidder shall bear all costs associated with the preparation and submission of the Bid. The TENDERER will in no case be responsible for those costs, regardless of the conduct or outcome of the bidding process.

5.3 Acknowledgement of Understanding

5.3.1 By submitting a Proposal, each Bidder shall be deemed to acknowledge that he has carefully read all sections of this RFP, including all Forms, Schedules, Annexures, Corrigendum and Addendums (if any) hereto, and has fully informed itself as to all existing conditions and limitations.

5.4 Bidding Document

5.4.1 Bidder can download the bid document and further amendment if any freely available on <https://www.gil.gujarat.gov.in> and [https:// gem.gov.in](https://gem.gov.in) and upload the same on [https:// gem.gov.in](https://gem.gov.in) on or before due date of the tender. Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or submits a Bid not substantially responsive to the bidding documents in every respect may result in the rejection of the Bid. Under no circumstances physical bid will be accepted.

5.5 Clarification on Bidding Document

5.5.1 Bidders can seek written clarifications on or before pre-Bid to DGM (Tech), Gujarat Informatics Ltd., Block No. 2, 2nd Floor, C & D Wing, Karmayogi Bhavan, Sector 10A, Gandhinagar- 382010, Gujarat. GIL/Home Department will clarify & issue amendments if any to all the bidders in the pre-bid meeting. No further clarification whatsoever will be entertained after the pre- bid meeting date.

5.5.2 Format for Pre-bid queries:

Sr No	Name of Company	Name of Representative	Phone	Email	RFP Volume	RFP Section	RFP Clause	Page No	Details of Clause	Clarification Sought
1										

5.6 Amendment of Bidding Documents

- 5.6.1 At any time prior to the deadline for submission of bids, the TENDERER, for any reason, whether at its own initiative or in response to the clarifications requested by prospective bidders may modify the bidding documents by amendment & put on our websites.
- 5.6.2 All prospective bidders are requested to browse our website & any amendments/ corrigendum/ modification will be notified on our website and such modification will be binding on them.
- 5.6.3 To allow prospective bidders a reasonable time to take the amendment into account in preparing their bids, the TENDERER, at its discretion, may extend the deadline for the submission of bids.

5.7 Language of Bid

- 5.7.1 The Bid prepared by the Bidder, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the TENDERER shall be in English. Supporting documents and printed literature furnished by the bidder may be in another language provided they are accompanied by an accurate translation of the relevant pages in English. For purposes of interpretation of the bid, the translation shall govern.

5.8 Right to the Content of Proposal

- 5.8.1 All Proposals and accompanying documentation of the Technical Proposal will become the property of TENDERER and will not be returned after opening of the Technical Proposals. TENDERER is not restricted in its rights to use or disclose any or all of the information contained in the Proposal and can do so without compensation to the Bidders. TENDERER shall not be bound by any language in the Proposal indicating the confidentiality of the Proposal or any other restriction on its use or disclosure.

5.9 Bid Security/ Earnest Money Deposit (EMD)

- 5.9.1 Bidders of the Cluster shall submit, along with their Bids, EMD as below

Single Cluster Bid	Rs. 1,50,00,000/-
Two Cluster Bid	Rs. 3,00,00,000/-
Three Cluster Bid	Rs. 4,50,00,000/-

Bidder has to submit Earnest Money Deposit in the name of "Gujarat Informatics Ltd" in form of Demand Draft/RTGS/Bank Guarantee (in the format specified in Format IV).

Bidder has to submit Bank Guarantee as per below:

"All Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative & Rural Banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. no. EMD/4/2022/0002/DMO dated 20/05/2022 issued by Finance Department or further instruction issued by Finance department time to time" and should be valid for minimum 180 Days from the due date of the tender / RFP.

In case of RTGS, please find below bank details of Gujarat Informatics Ltd

Saving Account No: 50200010918090

IFSC Code : HDFC0000190

Bank Name: HDFC

Bank Branch Address: Sector-16, Gandhinagar

5.9.2 Bidder has to provide separate EMD for each cluster bidder wants to bid for; bidder has to mention the name of the cluster on the envelope mentioning “EMD for ‘Cluster Name’”. All separate EMDs shall be kept in one envelope mentioning EMD for GeM Bid No. GEM/2022/B/2667802 Dated 21/10/2022; RFP for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II

5.9.3 EMD of all unsuccessful bidders would be refunded by GIL within 60 Days on selection of successful bidder.

5.9.4 The EMD of the successful bidder would be returned upon successful submission of Performance Bank Guarantee as per the format provided in Format V.

5.9.5 EMD amount is interest free and will be refundable to the unsuccessful bidders without any accrued interest on it.

5.9.6 The bid / proposal submitted without EMD and Bid Processing fee, mentioned above, will be summarily rejected.

5.9.7 The EMD may be forfeited, In case of a Bidder if:

- a. The bidder withdraws its bid during the period of bid validity.
- b. The Bidder does not respond to requests for clarification of their Bid.
- c. The Bidder fails to co-operate in the Bid evaluation process.
- d. In case of successful bidder, the said bidder fails:
 - i. Fails to sign the agreement in time
 - ii. Fails to submit performance bank guarantee

5.10 Late Bids

5.10.1 Bids received after the due date and the specified time (including the extended period if any) for any reason whatsoever, shall not be entertained and shall be REJECTED.

5.10.2 The bids submitted by telex/telegram/ fax/e-mail etc. shall not be considered. No correspondence will be entertained on this matter.

5.11 Section Comprising the Bids

5.11.1 The quotation should be scan-able and distinct without any option stated in.

5.11.2 All forms / Tables, duly filled-in with necessary proofs, as required and stated in the bid document & supporting documents for eligibility criteria should be uploaded. The bid uploaded shall have the following documents:

5.11.2.1 **BID SECURITY SECTION:** The bid security & bid processing fee (non-refundable) to be furnished to GIL office in the form of demand draft in favour of “Gujarat Informatics Ltd.” payable at Ahmedabad/Gandhinagar before the last date and time of the bid submission.

5.11.2.2 **ELIGIBILITY & TECHNICAL SECTION**

- a. Financial Capabilities. (In the Prescribed Format Only: Format VI)
- b. Bidder’s Experience. (In the Prescribed Format Only: Format VII)
- c. Compliance Statement. (In the Prescribed Format Only: Format VIII)
- d. Proposed Technical Solution as per the Scope of Work with details of each component/Module

- e. Proposed Technical Architecture for the project, with details of each project component
- f. Detailed Write-up on the Approach & Methodology for implementing and maintenance of the project.

5.12 Bid Opening

- 5.12.1 Bids will be opened in the presence of Bidder's representatives, who choose to attend. The Bidder's representatives who are present shall sign a register evidencing their attendance.
- 5.12.2 In the event of the specified date of Bid opening being declared a holiday for the GIL, the Bids shall be opened at the appointed time and location on the next working day.
- 5.12.3 The Bidder's names, bid modifications or withdrawals, discounts and the presence or absence of relevant Bid security and such other details as the TENDERER officer at his/her discretion, may consider appropriate, will be announced at the opening.
- 5.12.4 Immediately after the closing time, the TENDERER contact person shall open the Un-Priced Bids and list them for further evaluation.
- 5.12.5 Bids that are not opened at bid opening shall not be considered further for evaluation.

5.13 Bid Validity

- 5.13.1 Bids shall remain valid for 180 days after the date of Bid opening prescribed by the TENDERER. A Bid valid for a shorter period shall be rejected as non-responsive.
- 5.13.2 In exceptional circumstances, the TENDERER may solicit Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The Bid security shall also be suitably extended. A Bidder's request to modify the Bid will not be permitted.

5.14 Contacting the Tenderer

- 5.14.1 Bidder shall not approach the TENDERER officers outside of office hours and/ or outside the TENDERER office premises, from the time of the Bid opening to the time the Contract is awarded.
- 5.14.2 Any effort by a bidder to influence the TENDERER officers in the decisions on Bid evaluation, bid comparison or contract award may result in rejection of the Bidder's offer. If the Bidder wishes to bring additional information to the notice of the TENDERER, it should do so in writing.

5.15 Rejection of Bids

- 5.15.1 The TENDERER reserves the right to reject any Bid, and to annul the bidding process and reject all bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder(s) or any obligation to inform the affected Bidder(s) of the grounds for such decision.

5.16 Change of Quantities

- 5.16.1 TENDERER will have the option to increase (as per solution requirement) or decrease (to any extent) the quantities of equipment/material to be supplied by the Bidder on this Project. The change in scope of work (increase / decrease) will be governed by the Change Control Mechanism mentioned in the RFP.

5.17 Change Control Mechanism

5.17.1 This is describing the procedure to be followed in the event of any proposed change to the Contract Agreement, Project Implementation Phase, SLA and Scope of Work and Functional Requirement Specifications. Such change shall include, but shall not be limited to, changes in the scope of services to be provided by the Implementation Agency/ SI.

5.17.2 TENDERER and Successful Bidder (Implementation Agency/ SI) recognize that frequent change is an inevitable part of delivering services and that a significant element of this change can be accomplished by re-organizing processes and responsibilities without a material effect on the cost. The Successful Bidder will endeavour, wherever reasonably practicable, to effect change without an increase in the terms of payment as stated in the Terms of Payment Schedule and TENDERER will work with the Implementation Agency/ SI to ensure that all changes are discussed and managed in a constructive manner. This Change Control Mechanism sets out the provisions which will apply to all the changes to this agreement and other documents except for the changes in SLAs.

5.18 Change Management Process

a. Change Request ("CR")

- i. Change requests in respect of the contract agreement, the Project Implementation, the operation, the SLA or Scope of work and Functional Requirement specifications will emanate from any stakeholders, However Project Manager deployed by Successful Bidder will be responsible for obtaining approval for the change and he/she will act as its sponsor throughout the Change Control Process and will submit change request letter with Impact Analysis, Implementation Plan and Backout Plan in the format suggested by the TENDERER. Change Requests (CRs) will be presented to the person or CCB (Change Control Board) deploy by the TENDERER. CCB (Change Control Board) will either approve, reject or accept with some modification (if required) in the Change Request. The change logs will be updated & change register will be maintained by successful bidder throughout the Project lifecycle.
- ii. The Successful Bidder and the TENDERER, during the Project Implementation Phase & during the Operations and Management Phase and while preparing the CRs, shall consider the change in the context of the parameter like whether the change is beyond the scope of Services including ancillary and concomitant services required and as detailed in the RFP.

b. Review & Analysis

- i. The Successful Bidder shall assess the CRs and submit the Impact Analysis, Implementation Plan and Backout Plan as per the format suggested by the TENDERER.
- ii. Prior to submission of the completed CRs (with Impact Analysis, Implementation Plan and Backout Plan) to TENDERER, the Successful Bidder will undertake its own internal review of the proposal and obtain all necessary internal approvals. As a part of this internal review process, the Successful Bidder shall consider the materiality of the proposed change in the context of the Contract Agreement and the Project Implementation affected by the change and the total effect that may arise from

implementation of the change

c. Costs

- i. Successful Bidder shall be responsible for its own costs incurred in the quotation, preparation of CRs and in the completion of its obligations described in this process provided by CCB (Change Control Board) & the obligations as set in the CRs. In the event the Successful Bidder is unable to meet the obligations as defined in the CRs then the cost of getting it done by third party will be borne by the Successful Bidder.

d. Obligations

- i. The Successful Bidder shall be obliged to implement any proposed changes once approval in accordance with above provisions has been given, with effect from the date agreed for implementation and within an agreed timeframe. Successful Bidder will not be obligated to work on a change until the CCB (Change Control Board) agree in writing upon its Impact Analysis, Implementation Plan and Backout Plan.

5.19 Issue & Risk Control Mechanism

5.19.1 Issue is any relevant event that has happened, was not planned, and requires management action. The successful bidder is responsible to manage the issue, Project Manager deployed by Successful Bidder will be responsible for preparing the Issue Register as suggested by the Tenderer, The Issue Register captures and keeps track of all formal issues. The purpose of the Issue Register is to capture and maintain information on all the formal issues. Informal issues are normally placed in the Daily Log by the Project Manager. The Issue register will be updated & maintained by successful bidder throughout the Project lifecycle.

5.19.2 The Successful bidder is responsible for the risk management, it is the practice of identifying, evaluating, and preventing or mitigating risks to a project that have the potential to impact the desired outcomes. Project managers are typically responsible for overseeing the risk management process throughout the duration of a given project. Project Manager deployed by Successful Bidder will be responsible for preparing the Risk Register as suggested by the Tenderer. The Issue register will be updated & maintained by successful bidder throughout the Project lifecycle

5.20 Audit, Access and Reporting

a. Purpose

- i. This details the audit, access and reporting rights and obligations of the TENDERER or its nominated agency and the Implementation Agency/ SI

b. Audit Notice and Timing

- i. As soon as reasonably practicable after the Effective Date, the Parties shall use their best endeavours to agree to a timetable for routine audits during the Project Implementation Phase and the Operation and Management Phase. Such timetable during the Implementation Phase, TENDERER or its nominated agency and thereafter during the operation Phase, TENDERER or its nominated agency shall conduct routine audits in accordance with such agreed timetable

and shall not be required to give the Implementation Agency/ SI any further notice of carrying out such audits

- ii. TENDERER or its nominated agency may conduct non-timetabled audits at his/ her own discretion if it reasonably believes that such non-timetabled audits are necessary as a result of an act of fraud by the Implementation Agency/ SI, a security violation, or breach of confidentiality obligations by the Implementation Agency/ SI, provided that the requirement for such an audit is notified in writing to the Implementation Agency/ SI a reasonable period time prior to the audit (taking into account the circumstances giving rise to the reasonable belief) stating in a reasonable level of detail the reasons for the requirement and the alleged facts on which the requirement is based. If the Implementation Agency/ SI considers that the non-timetabled audit was not appropriate, the matter shall be referred to the escalation procedure as set out in the Governance Schedule
- iii. The frequency of audits shall be a (maximum) half yearly, provided always that TENDERER or its nominated agency shall endeavour to conduct such audits with the lowest levels of inconvenience and disturbance practicable being caused to the Implementation Agency/ SI. Any such audit shall be conducted by with adequate notice of 2 weeks to the Implementation Agency/ SI
- iv. TENDERER will ensure that any 3rd party agencies (except CAG) appointed to conduct the audit will not be the competitor of Implementation Agency/ SI and will be bound by confidentiality obligation

c. Access

- i. The Implementation Agency/ SI shall provide to the TENDERER or its nominated agency reasonable access to employees, suppliers, facilities as detailed in the RFP, documents, records and systems reasonably required for audit and shall provide all such persons with routine assistance in connection with the audits and inspections. The Chairperson, PMU / Steering Committee shall have the right to copy and retain copies of any relevant records. The Implementation Agency/ SI shall make every reasonable effort to co-operate with them

d. Action and Review

- i. Any change or amendment to the systems and procedures of the Implementation Agency/ SI, where applicable arising from the audit report shall be agreed within thirty (30) calendar days from the submission of the said report
- ii. Any discrepancies identified by any audit pursuant to this Schedule shall be immediately notified to TENDERER or its nominated agency and the Implementation Agency/ SI Project Manager who shall determine what action should be taken in respect of such discrepancies in accordance with the terms of the Contract Agreement.

e. Records and Information

- i. For the purposes of audit in accordance with this Schedule, the Implementation Agency/ SI shall maintain true and accurate records in connection with the provision of the services and the Implementation Agency/ SI shall handover all the relevant records and documents upon the termination or expiry of the Contract Agreement.

5.21 Bid Evaluation Process

5.21.1 The TENDERER will form a Committee which will evaluate the proposals submitted by the bidders for a detailed scrutiny. During evaluation of proposals, the TENDERER, may, at its discretion, ask the bidders for clarification of their Proposals.

5.21.2 Pre-Qualification evaluation:

- 5.21.2.1 Bidders who have submitted the valid EMD and non-refundable bid processing fee shall be considered for further evaluation. If bidders fail to submit the bid security and non-refundable bid processing fee as per this RFP document, the Bid shall be out rightly rejected.

5.21.3 Financial Bid Evaluation

5.21.3.1 The Financial Bids of qualified bidders only would be opened and evaluated to determine the L1 (lowest) bidder. In case of conditional bid or major deviations from the RFP requirements, the TENDERER may at its discretion reject the respective bid and will not be considered for further evaluation process.

5.22 Award of Contract

5.22.1 **Award Criteria:** The Criteria for selection will be the lowest cost to the TENDERER for the qualified bid. The TENDERER may negotiate the prices with L1 Bidder, under each item/head offered by Bidder.

5.22.2 TENDERER will have the option to increase (as per solution requirement) or decrease (to any extent) the quantities of equipment/material to be supplied by the Bidder on this Project. The change in scope of work (increase / decrease) will be governed by the Change Control Schedule mentioned in the RFP.

5.22.3 In case, the lowest bidder does not accept the award of contract or found to be involved in corrupt and/or fraudulent practices, the next lowest bidder will be awarded the contract. In such scenario, the next lowest bidder has to match the Lowest Bidder's Price and execute the project at the L1 Price for the entire contract duration.

5.23 Notification of Award & Signing of Contract

5.23.1 Prior to expiration of the period of Bid validity, the TENDERER will notify the successful Bidders and issue LoI.

5.23.2 Within Seven (7) calendar days of receipt of the Contract Form, the successful Bidder shall sign and date the Contract and return it to the TENDERER. The contract Performance guarantee has to be submitted within 15 calendar days of receipt of final work order. The PBG shall comprise two parts; 5% of the value of Schedule-I of Price Bid (Capex component) valid for one year which would be discharged and returned

after completion of FAT, and second part as 5% of the value of Schedule – II of Price Bid (O&M component) valid up to 180 days beyond the expiry of contract.

5.24 Commencement and Duration of the Contract

5.24.1 The SUCCESSFUL BIDDER shall come into effect on the Effective Date and shall continue, unless terminated earlier in accordance with the provisions hereof, for a period of 5 years after Go-live of the Project. TENDERER would eventually decide on one of the following options for managing the Project beyond the Contract Period.

- i. Extension – TENDERER will extend the Contract Period at the same terms and conditions for next 2 years based on the performance of the SUCCESSFUL BIDDER and their extension proposal.
- ii. Replace – Appoint a different agency for undertaking system maintenance beyond the Contract Period through a fresh tender.
- iii. Transfer - The Bidder will transfer the Project including all Assets to TENDERER and TENDERER will manage the operations on its own.

5.25 Force Majeure

5.25.1 Force Majeure shall mean any event or circumstances or combination of events or circumstances that materially and adversely affects, prevents or delays any Party in performance of its obligation in accordance with the terms of the Agreement, but only if and to the extent that such events and circumstances are not within the affected party's reasonable control, directly or indirectly, and effects of which could have prevented through Good Industry Practice or, in the case if construction activities through reasonable skill and care, including through the expenditure of reasonable sums of money. Any events or circumstances meeting the description of the Force Majeure which have same effect upon the performance of any contractor shall constitute Force Majeure with respect to the bidder.

5.25.2 The Parties shall ensure compliance of the terms of the Agreement unless affected by the Force Majeure Events. The bidder shall not be liable for forfeiture of its implementation / Performance guarantee, levy of Penalties, or termination for default if and to the extent that its delays in performance or other failure to perform its obligations under the Agreement is the result of Force Majeure.

5.25.3 Force Majeure Events: The Force Majeure circumstances and events shall include the following events to the extent that such events or their consequences (it being understood that if a causing event is within the reasonable control of the affected party, the direct consequences shall also be deemed to be within such party's reasonable control) satisfy the definition as stated above. Without limitation to the generality of the foregoing, Force Majeure Event shall include following events and circumstances and their effects to the extent that they, or their effects, satisfy the above requirements:

5.25.4 Natural events (“Natural Events”) to the extent they satisfy the foregoing requirements including:

- 5.25.4.1 Any material effect on the natural elements, including lightning, fire, earthquake, cyclone, flood, storm, tornado, or typhoon.
- 5.25.4.2 Explosion or chemical contamination (other than resulting from an act of war);
- 5.25.4.3 Pandemic such as COVID-19 and Epidemic such as plague.
- 5.25.4.4 Any event or circumstance of a nature analogous to any of the foregoing.

5.25.5 **Other Events** (“Political Events”) to the extent that they satisfy the foregoing requirements including:

5.25.5.1 Political Events which occur inside or Outside the State of Gujarat or directly involve the State Government and the Central Government (“Direct Political Event”), including:

- i. Act of war (whether declared or undeclared), invasion, armed conflict or act of foreign enemy, blockade, embargo, revolution, riot, insurrection, civil commotion, act of terrorism or sabotage.
- ii. Strikes, work to rules, go-slows which are either widespread, nation-wide, or state-wide or are of political nature.
- iii. Any event or circumstance of a nature analogous to any of the foregoing.

5.25.6 **Force Majeure Exclusions:** Force Majeure shall not include the following event(s) and/or circumstances, except to the extent that they are consequences of an event of Force Majeure:

5.25.6.1 Unavailability, late delivery

5.25.6.2 Delay in the performance of any contractor, sub-contractors or their agents.

5.25.7 **Procedure for Calling Force Majeure:** The Affected Party shall notify to the other Party in writing of the occurrence of the Force Majeure as soon as reasonably practicable, and in any event within 5 (five) days after the Affected Party came to know or ought reasonably to have known, of its occurrence and that the Force Majeure would be likely to have a material impact on the performance of its obligations under the Agreement.

5.26 **Contract Obligations:**

5.26.1 Once a contract is confirmed and signed, the terms and conditions contained therein shall take precedence over the Bidder’s bid and all previous correspondence.

5.27 **Amendment to the Agreement**

5.27.1 Amendments to the Agreement may be made by mutual agreement by both the Parties. No variation in or modification in the terms of the Agreement shall be made except by written amendment Signed by both the parties. All alterations and changes in the Agreement will take into account prevailing rules, regulations and laws applicable in the state of Gujarat.

5.28 **Representations and Warranties**

5.28.1 **Representations and Warranties by the Selected Agency:**

5.28.1.1 It is a company/ organization under any statute of India duly organized and validly existing under the laws of India and has all requisite legal power and authority and corporate authorizations to execute the Agreement and carry out the terms, conditions and provisions hereof.

5.28.1.2 It has in full force and effect all requisite clearances, approvals and permits necessary to enter into the Agreement and perform its obligations hereof.

- 5.28.1.3 It will have the legally valid and enforceable title to all Equipment as may be necessary for proper functioning and it will be free from all encumbrances, liens, charges, any security interest and adverse claims of any description.
- 5.28.1.4 The Agreement and the transactions and obligations hereof do not contravene its constitutional documents or any law, regulation or government directive and will not contravene any provisions of, or constitute a default under, any other Agreement or instrument to which it is a party or by which it or its property may be bound or any of its obligations or undertakings by which it or any of its assets are bound or cause a limitation on its powers or cause it to exceed its authorized powers;
- 5.28.1.5 There is no pending or threatened actions, suits or proceedings affecting the selected agency or its affiliates or any of their respective assets before a court, governmental agency, commission or arbitrator or administrative tribunal which affects the selected agency's ability to perform its obligations under the Agreement; and neither selected agency nor any of its affiliates have immunity from the jurisdiction of a court or from legal process (whether through service of notice, attachment prior to judgment, attachment in aid of execution or otherwise);
- 5.28.1.6 The selected agency confirms that all representations and warranties of the selected agency set forth in the Agreement are true, complete and correct in all respects.
- 5.28.1.7 No information given by the selected agency in relation to the Agreement, project documents or any document comprising security contains any material misstatement of fact or omits to state as fact which would be materially adverse to the enforcement of the rights and remedies of the TENDERER or which would be necessary to make any statement, representation or warranty contained herein or therein true and correct.
- 5.28.1.8 All equipment including material to be installed by the selected agency shall be new. All equipment shall conform to the codes, standards and regulations applicable to networking facilities and benefit from the usual manufacturer's guarantees.

5.28.2 Representations and Warranties by the TENDERER

- 5.28.2.1 It has full legal right; power and authority to execute the said project and to enter into and perform its obligations under the Agreement and there are no proceedings pending.
- 5.28.2.2 The Agreement has been duly authorized, executed and delivered by the TENDERER and constitutes valid, legal and binding obligation of TENDERER.
- 5.28.2.3 The execution and delivery of the Agreement with the selected agency does not violate any statutory judgment, order, decree, regulation, right, obligation or rule of any court, government authority or arbitrator of competent jurisdiction applicable in relation to the TENDERER, its assets or its administration.

5.29 Resolution of Disputes

- 5.29.1 If any dispute arises between the Parties hereto during the subsistence or thereafter, in connection with the validity, interpretation, implementation or alleged material breach of any provision of the Agreement or regarding a question, including the questions as to

whether the termination of the Contract Agreement by one Party hereto has been legitimate, both Parties hereto shall endeavour to settle such dispute amicably. The attempt to bring about an amicable settlement is considered to have failed as soon as one of the Parties hereto, after reasonable attempts [which attempt shall continue for not less than 30 (thirty) days], give 15 days' notice thereof to the other Party in writing.

5.29.2 In the case of such failure the dispute shall be referred to a sole arbitrator or in case of disagreement as to the appointment of the sole arbitrator to three arbitrators, two of whom will be appointed by each Party and the third appointed by the two arbitrators.

5.29.3 The place of the arbitration shall be Gandhinagar, Gujarat.

5.29.4 The Arbitration proceeding shall be governed by the Arbitration and Conciliation Act of 1996 as amended.

5.29.5 The proceedings of arbitration shall be in English language.

5.29.6 The arbitrator's award shall be substantiated in writing. The arbitration tribunal shall also decide on the costs of the arbitration procedure.

5.29.7 The Parties hereto shall submit to the arbitrator's award and the award shall be enforceable in any competent court of law

5.30 Books & Records

5.30.1 The selected agency shall maintain adequate Documents Related to project's physical materials & equipment's for inspection and audit by the TENDERER during the terms of Contract until expiry of the performance guarantee.

5.31 Warranty Terms

5.31.1 In the event that the materials supplied do not meet the specifications and / or are not in accordance with the Scope of work set out in this order, and rectification is required at all specified locations, The TENDERER shall notify the Successful bidder giving full details of difference. The Successful bidder shall attend to such materials (at specified locations) within seven days of receipt of such notice to meet and agree with representatives of GIL/Home Department, the action required to correct the deficiency. Should the Successful bidder fail the attend meeting at locations within the time specified above, the TENDERER shall be at liberty to rectify the work/materials and Successful bidder shall reimburse the TENDERER all costs and expenses incurred in connection with such trouble or defect.

5.32 Insurance

5.32.1 The Bidder shall be responsible and take an Insurance Policy for transit-cum-storage-cum-erection for all the materials to cover all risks and liabilities for supply of materials on site basis, storage of materials at site, erection, testing and commissioning. The bidder shall also take appropriate insurance during O&M period.

5.32.2 The Bidder shall also take insurance for Third Party Liability covering loss of human life, engineers and workmen and also covering the risks of damage to the third party/material/equipment/properties during the Contract Period. Before commencement of the work, the Bidder will ensure that all its employees and

representatives are covered by suitable insurance against any damage, loss, injury or death arising out of the execution of the work or in carrying out the Contract. Liquidation, Death, Bankruptcy etc., shall be the responsibility of bidder.

5.33 Performance Guarantee

5.33.1 The Selected agency shall furnish Performance Guarantee as provided in the bid document to the TENDERER for an amount equal to 10% of the value of Order as per 5.23.2 (The PBG shall comprise two parts; 5% of the value of Schedule-I of Price Bid (Capex component) valid for one year which would be discharged and returned after completion of FAT, and second part as 5% of the value of Schedule – II of Price Bid (O&M component) valid up to 180 days beyond the expiry of contract.) of this document.

5.33.2 The performance guarantee will be in the form of bank guarantee for the amount equal of 10% of the value of the Order / LOI towards faithful performance of the contract obligation, and performance of the equipment during Warranty period. In case of material breach of contract, SLA terms and condition, the TENDERER shall invoke the PBG.

5.33.3 The Performance Guarantee shall be valid for a period as defined in the point no. 5.23.2 and shall be denominated in Indian Rupees and shall be in the form of an unconditional Bank Guarantee issued by all Public-Sector Banks / private banks having branch in Gandhinagar\Ahmedabad in the format provided by the TENDERER to be submitted Within 15 calendar days from the date of final work order.

5.33.4 The Performance Guarantee shall be discharged by the TENDERER and returned to the successful bidder within 30 calendar days from the date of expiry of the Performance Bank Guarantee.

5.34 Termination Clause

5.34.1 **Termination by the TENDERER:** The TENDERER, reserves the right to suspend any of the services and/or terminate this agreement in the following circumstances by giving 30 days' notice in writing if: -

5.34.1.1 The bidder becomes the subject of bankruptcy, insolvency, and winding up, receivership proceedings.

5.34.1.2 In case the TENDERER finds illegal use of hardware, software tools, manpower etc. that are dedicated to the project.

5.34.1.3 In case the bidder fails to deliver, Installed and commission ordered items within the prescribed time lines and extension granted if any. In such scenario the TENDERER reserves the right to procure the same from other bidders at the risk, cost and responsibility of the selected agency.

5.34.2 **Termination by Successful bidder:** The successful bidder reserves the right to suspend any of the Services and/or terminate the Agreement at any time with 30 days' notice if the payment to the selected is due for more than 2 (two) consecutive quarters.

5.34.3 Upon occurrence of an event of default as set out in Clause above, either party will deliver a default notice in writing to the other party which shall specify the event of default and give the other party an opportunity to correct the default.

5.34.4 Upon expiry of notice period unless the party receiving the default notice remedied the default, the party giving the default notice may terminate the Agreement.

- 5.34.5 During the notice period, both parties shall, save as otherwise provided therein, continue to perform their respective obligations under this Agreement and shall not, whether by act of omission or commission impede or otherwise interfere with party's endeavour to remedy the default which gave rise to the commencement of such notice period.
- 5.34.6 In case of termination, the bidder will be paid for the work/services already delivered till the date of termination after deduction of penalties, if any. The termination hereof shall not affect any accrued right or liability of either Party nor affect the operation of the provisions of the Contract that are expressly or by implication intended to come into or continue in force on or after such termination.

5.35 Exit Management

5.35.1 Purpose of Exit Management

- a. This sets out the provisions, which will apply on expiry or termination of the Contract Agreement, the Project Implementation, Operation and Management SLA.
- b. In the case of termination of the Project Implementation and/or Operation and Management, the Parties shall agree at that time whether, and if so during what period, the provisions of this Schedule shall apply.
- c. The Parties shall ensure that their respective associated entities carry out their respective obligations set out in this Exit Management Schedule.

5.35.2 Cooperation and Provision of Information: During the exit management period:

- a. The successful bidder will allow the TENDERER or its nominated agency access to information reasonably required to define the then current mode of operation associated with the provision of the services to enable the TENDERER to assess the existing services being delivered.
- b. Promptly on reasonable request by the TENDERER, the successful bidder shall provide access to and copies of all information held or controlled by them which they have prepared or maintained in accordance with this agreement relating to any material aspect of the services (whether provided by the successful bidder or sub-contractors appointed by the successful bidder). The TENDERER shall be entitled to copy of all such information. Such information shall include details pertaining to the services rendered and other performance data. The successful bidder shall permit the TENDERER or its nominated agencies to have reasonable access to its employees and facilities, to understand the methods of delivery of the services employed by the successful bidder and to assist appropriate knowledge transfer.

5.35.3 Confidential Information, Security and Data

- a. The successful bidder will promptly on the commencement of the exit management period supply to the TENDERER or its nominated agency the following:
 - i. Information relating to the current services rendered and customer and performance data relating to the performance of sub-contractors in relation to the services;
 - ii. Documentation relating to Intellectual Property Rights;
 - iii. Documentation relating to sub-contractors;
 - iv. All current and updated data as is reasonably required for purposes of the TENDERER or its nominated agencies transitioning the services to its Replacement agency in a readily available format nominated by the TENDERER, its nominated agency;
 - v. All other information (including but not limited to documents, records and agreements) relating to the services reasonably necessary to enable the TENDERER or its nominated agencies, or its Replacement agency to carry out due diligence in order to transition the provision of the Services to the

TENDERER or its nominated agencies, or its Replacement Agency (as the case may be).

- b. Before the expiry of the exit management period, the successful bidder shall deliver to the TENDERER or its nominated agency all new or up-dated materials from the categories set out in Schedule above and shall not retain any copies thereof, except that the successful bidder shall be permitted to retain one copy of such materials for archival purposes only.

5.35.4 Transfer of Certain Agreements

- a. On request by the *TENDERER* or its nominated agency the successful bidder shall affect such assignments, transfers, licenses and sub-licenses the TENDERER, or its Replacement agency in relation to any equipment lease, maintenance or service provision agreement between successful bidder and third-party lessors, vendors, and which are related to the services and reasonably necessary for the carrying out of replacement services by the TENDERER or its nominated agency or its Replacement agency.

5.35.5 Rights of Access to Premises

- a. At any time during the exit management period, where Assets are located at the Implementation Agency/ SI's premises, the Implementation Agency/ SI will be obliged to give reasonable rights of access to (or, in the case of Assets located on a third party's premises, procure reasonable rights of access to) the TENDERER and/or any Replacement Implementation Agency/ SI in order to make an inventory of the Assets
- b. The Implementation Agency/ SI shall also give TENDERER, or any Replacement Implementation Agency/ SI right of reasonable access to the Implementation Partner's premises and shall procure TENDERER and any Replacement Implementation Agency/ SI rights of access to relevant third party premises during the exit management period and for such period of time following termination or expiry of the MSA as is reasonably necessary to migrate the services to the TENDERER or a Replacement Implementation Agency/ SI

5.35.6 General Obligations of the SI

- a. The successful bidder shall provide all such information as may reasonably be necessary to effect as seamless a handover as practicable in the circumstances to the TENDERER or its nominated agency or its Replacement agency and which the successful bidder has in its possession or control at any time during the exit management period.
- b. For the purposes of this Schedule, anything in the possession or control of any successful bidder, associated entity, or sub-contractor is deemed to be in the possession or control of the successful bidder.
- c. The successful bidder shall commit adequate resources to comply with its obligations under this Exit Management Schedule.

5.35.7 Exit Management Plan

- a. The successful bidder shall provide the TENDERER or its nominated agency with a recommended exit management plan ("Exit Management Plan") which shall deal with at least the following aspects of exit management in relation to the Contract Agreement as a whole and in relation to the Project Implementation, and the Operation and Management SLA.
 - i. A detailed program of the transfer process that could be used in conjunction with a Replacement agency including details of the means to be used to ensure continuing provision of the services throughout the transfer process or until

- the cessation of the services and of the management structure to be used during the transfer;
- ii. plans for the communication with such of the successful bidder's sub-contractors, staff, suppliers, customers and any related third party as are necessary to avoid any material detrimental impact on the TENDERER's operations as a result of undertaking the transfer;
- iii. Plans for provision of contingent support to the TENDERER, and Replacement agency for a reasonable period after transfer.
- b. The successful bidder shall re-draft the Exit Management Plan annually thereafter to ensure that it is kept relevant and up to date.
- c. Each Exit Management Plan shall be presented by the successful bidder to and approved by the TENDERER or its nominated agencies.
- d. The terms of payment as stated in the Terms of Payment Schedule include the costs of the successful bidder complying with its obligations under this Schedule.
- e. In the event of termination or expiry of the Contract Agreement, and Project Implementation, each Party shall comply with the Exit Management Plan.
- f. During the exit management period, the successful bidder shall use its best efforts to deliver the services.
- g. Payments during the Exit Management period shall be made in accordance with the Terms of Payment Schedule.
- h. This Exit Management plan shall be furnished in writing to the TENDERER or its nominated agencies within 90 days from the Effective Date of this Agreement.

5.36 Indemnification

- 5.36.1 Selected agency will defend and/or settle any claims against the TENDERER that allege that Bidder branded product or service as supplied under this contract infringes the intellectual property rights of a third party. Selected agency will rely on Customer's prompt notification of the claim and cooperation with our defend. Bidder may modify the product or service so as to be non-infringing and materially equivalent or we may procure a license. If these options are not available, we will refund to Customer the amount paid for the affected product in the first year or the depreciated value thereafter or, for support services, the balance of any pre-paid amount or, for professional services, the amount paid. Bidder is not responsible for claims resulting from any unauthorized use of the products or services. This section shall also apply to deliverables identified as such in the relevant Support Material except that Bidder is not responsible for claims resulting from deliverables content or design provided by Customer.

5.37 Limitation of Liability

- 5.37.1 Selected agency's cumulative liability for its obligations under the contract shall not exceed the value of the charges payable by the TENDERER within the remaining duration of the contract term from the day claim is raised and selected agency shall not be liable for incidental, consequential, or indirect damages including loss of profit or saving.

5.38 Confidentiality

- 5.38.1 Selected agency understands and agrees that all materials and information marked and identified by the TENDERER as 'Confidential' are valuable assets of the TENDERER and are to be considered GIL/Home Department proprietary information and property. Selected agency will treat all confidential materials and information provided by the

TENDERER with the highest degree of care necessary to ensure that unauthorized disclosure does not occur. Selected agency will not use or disclose any materials or information provided by TENDERER without its prior written permission.

- 5.38.2 Selected agency shall not be liable for disclosure or use of any materials or information provided by the TENDERER or developed by selected agency which is:
- possessed by selected agency prior to receipt from the TENDERER, other than through prior disclosure by the TENDERER, as documented by selected agency's written records;
 - published or available to the general public otherwise than through a breach of Confidentiality; or
 - Obtained by selected agency from a third party with a valid right to make such disclosure, provided that said third party is not under a confidentiality obligation to the TENDERER; or
 - Developed independently by the selected agency.
- 5.38.3 In the event that selected agency is required by judicial or administrative process to disclose any information or materials required to be held confidential hereunder, selected agency shall promptly notify the TENDERER and allow reasonable time to oppose such process before making disclosure.
- 5.38.4 Selected agency understands and agrees that any use or dissemination of information in violation of this Confidentiality Clause will cause the TENDERER irreparable harm, may leave the TENDERER with no adequate remedy at law and the TENDERER is entitled to seek to injunctive relief.
- 5.38.5 The TENDERER does not follow the practice of asking Confidential Information of selected agency, however if any confidential information is required/shared by the selected agency then selected agency has to clearly marked it as "Strictly confidential". The TENDERER in turn will not share the same without prior concern of the selected agency.
- 5.38.6 Above mentioned obligations under "confidentiality clause" shall be applicable on both the parties i.e., the TENDERER and the successful bidder.

5.39 Payments Terms

- 5.39.1 As mentioned above, following payment terms will be applied/adhere only after a formal work order is issued upon successful completion of project milestones:

S/N	Activity	Payment (%)
1	Schedule I of financial bid	Given in Timeline
2	Operations & Maintenance as per Schedule II of financial bid	
	Operational & Maintenance support during the contract period of 5 years	20 equal Quarterly Installments after the end of each quarter.

- 5.39.2 **Payment Procedure:**

a. Hardware/Material Component

- The successful bidder shall raise the component wise invoice against the milestones achieved (as per the payment schedule) and submit the invoice to the TENDERER.
- The successful bidder shall submit 2 original copies of invoices along with the necessary supporting documents confirming milestone achieved and other

documents as required by the TENDERER for processing of invoices. Invoice should be raised in English language only.

- iii. The TENDERER shall verify the Invoices raised against the milestone achieved and shall make the payment.
- iv. Successful bidder shall raise Invoice only after the completion of Lot/Cluster-wise milestone for each city/district. Invoice cannot be raised for partial completion of milestone for each district. (For e.g. In case there are total of 100 qty of camera under Ahmedabad district of Lot/Cluster 1, then the bidder will only be able to raise the invoice for delivery milestone for Ahmedabad city upon successful delivery of 100 qty of camera, partial delivery of may be 90 out 100 cameras will not be acceptable). Dependencies not attributable to the bidder shall be considered while raising the Invoice subject to valid documentary evidence.

b. O&M Component

- i. The payments to the successful bidder will be made quarterly at the end of each quarter on acceptance of the invoice by the TENDERER or its designated agency.
- ii. The invoice would be processed for release of payment within 45 days after due verification of the invoice and other supporting documents by the TENDERER or its designated agency.
- iii. In case the processing of the invoice gets delayed beyond 45 days from the date of acceptance of invoice, the successful bidder would be paid an adhoc amount of 50% of invoice value and the remaining amount would be released after getting clarifications, due verification and imposition of penalty, if any.

5.39.3 Payment shall be made in Indian Rupees. While making payment, necessary TDS/ income tax deductions will be made.

5.40 Service Terms

- 5.40.1 The entire scope of the work depends on the technical skill and experience in management of the same level or kind of capabilities.
- 5.40.2 It is mandatory for Bidder to deploy qualified professional to install, commission & maintain the proposed applications, as defined under scope of work.
- 5.40.3 The Bidder has to submit regular schedule of man power availability & get it approved by the TENDERER, before deployment.
- 5.40.4 The Bidder will have to carry out reinstallation of any of the software equipment 'Free of Cost, if required.
- 5.40.5 The Bidder need to manage & maintain various records related to the services extended to the Government.
- 5.40.6 If required, the Bidder may need to coordinate and approach various agencies working for the TENDERER.
- 5.40.7 The Bidder needs to maintain the required Information security of the databases as per the TENDERER'S Security guidelines.
- 5.40.8 The Bidder is responsible to maintain documentation on the progress of the work and will have to update the same on regular basis. Successful bidder will have to submit the progress reports regularly, as per the guide line issued by the TENDERER.
- 5.40.9 In case of any upgrade, customization and patches the bidder will have to take necessary permission from the TENDERER.

- 5.40.10 All expenses related to installation, testing and deployment, has to be borne by the Bidder as part of Contract Agreement.
- 5.40.11 Bidder shall submit test procedures covering various test cases and expected results of these tests relating to various systems being commissioned.

5.41 Warranty Support

- 5.41.1 Bidder shall provide a comprehensive on-site free support for 5 years from the date of FAT for all applications.
- 5.41.2 Bidder shall provide the comprehensive support in respect of proper design, quality and security for all the software applications covered by the RFP. Bidder must warrant all software procured/developed and implemented as per this RFP against any bugs/issues during the support period.
- 5.41.3 Bidder shall provide the performance warranty in respect of performance of the installed software to meet the performance requirements and service levels in the RFP.
- 5.41.4 Bidder is responsible for sizing and procuring the necessary software/database licenses as per the performance requirements provided in the RFP. During the warranty period bidder shall augment or procure additional licenses at no additional cost in case the procured hardware or software is not adequate to meet the service levels.

5.42 Service Level and Penalty Clause

- 5.42.1 SLA defines the terms of the successful bidder's responsibility in ensuring the performance of the network based on the agreed performance indicators as detailed in the agreement. Successful bidder has to co-ordinate with ISP and get the complaint closed and also has to produce documentary evidence regarding failure of Bandwidth by ISP & not by Network equipment's.
- 5.42.2 The table below summarizes the performance indicators for the services to be offered by the bidder-

S/N	SLA Terms	Description
1	Network Backbone	'Network Backbone' refers to Internet Protocol (IP) based routing infrastructure at which, successful bidder has installed network devices for VISWAS Network.
2	Planned Network Outage	'Planned Network Outage' refers to unavailability of network services due to infrastructure maintenance activities such as configuration changes, up gradation or changes to any supporting infrastructure. Details related to such planned outage shall be approved by the TENDERER or authorized authority and shall be notified to all the concerned stakeholder in advance (at least five working days). It is desirable that such outage shall be taken on Sundays or other Government holidays to the extent possible.
3	Unplanned Network Outage	'Unplanned Network Outage' refers to an instance in which no traffic can pass in or out through which devices are connects to the network Backbone
4	Timeline for Retrieval of video feeds from the	a.) Retrieval of Event Related (Flagged/marked by the Tenderer or its user department) video feeds from the storage at State Centre for e.g. operator at city control center requests any video feeds stored at State Centre: Maximum Retrieval time 1 Minute

S/N	SLA Terms	Description																				
	Storage	b.) Retrieval of Event Related (Flagged/marked by the Tenderer or its user department) video feeds from the Local storage: Maximum Retrieval time 3 second c.) Retrieval of Non- Event (Anything which is not flagged/marked) related video feeds from Local Storage: Maximum retrieval time 5 minutes d.) Retrieval of Event related video feeds stored in removable/External disk/drives: Maximum retrieval time 30 Minutes																				
5	Not keeping manpower	If successful bidder does not deploy the required specified quantity & quality of manpower as per RFP or a person deployed is not reporting to the duty, there would be a penalty per person per day as defined in below table and will be deducted from the quarterly payment																				
6	Accuracy of ANPRSystem	The TENDERER or its nominated agency shall visit the city control centre to check the accuracy of the said systems on random basis and mark out the difference if found lower than the accuracy level as per the Scope of work will be counted as an instance. The Bidder will utilize the existing ANPR System. As the accuracy of ANPR is widely dependent on the FoV of the Cameras. The bidder needs to coordinate with the existing agency of VISWAS Phase-1 to meet the requirements of ANPR System.																				
7	Incidence Resolution (Network)	<p>The network outage, security or performance related issues impacting the network availability/performance and leading to unavailability of the services. Resolution of incidence as per below priority Levels:</p> <p>☐ L1 Level Severity: impacting one or more cities.</p> <p>☐ L2 Level Severity: Impacting one or Junctions/ Endpoints/ Offices</p> <p>☐ L3 Level Severity: Impacting one or more end devices/utilities</p> <table><tr><th>#</th><th>Severity</th><th>Initial Response Time</th><th>Issue Resolution Time</th></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td>1</td><td>Level 1</td><td>30 Mins</td><td>2 Hours</td></tr><tr><td>2</td><td>Level 2</td><td>60 Mins</td><td>6 Hours</td></tr><tr><td>3</td><td>Level 3</td><td>240 Mins</td><td>24 Hours</td></tr></table>	#	Severity	Initial Response Time	Issue Resolution Time					1	Level 1	30 Mins	2 Hours	2	Level 2	60 Mins	6 Hours	3	Level 3	240 Mins	24 Hours
#	Severity	Initial Response Time	Issue Resolution Time																			
1	Level 1	30 Mins	2 Hours																			
2	Level 2	60 Mins	6 Hours																			
3	Level 3	240 Mins	24 Hours																			

5.42.3 Appropriate Penalties will be recovered from the quarterly payment if successful bidder is not able to achieve required Service levels as mentioned with Timeline:

• **Operational Penalties during the O&M Period:**

S/N	SLA	Target	Penalties
1.	Not keeping required Manpower	As per SLA	<ul style="list-style-type: none"> <u>Staffs deployed at TRINETRA & NETRAM levels:</u> 5000/- per day per person for un-sanctioned/ non-reporting <u>All other staffs deployed at Police Station Level:</u> 1000/- per day per person for un-sanctioned/ non-reporting

2.	Accuracy of ANPR	As per SLA	<ul style="list-style-type: none"> Rs. 1,000/- per instance per Junction (Maximum cap is 2,000/- per month per Junction) Any continuing default extending beyond 4 months will be a reasonable ground for termination of this contract.
3.	Delay in resolution of support/incidents for the devices installed by the bidder	As per SLA	<ul style="list-style-type: none"> Level 1: 0.10% of QP for every 2 Hours delay in resolution, capped to 1% of QP every incident Level 2: 0.10% of QP for every 6 Hours delay in resolution, capped to 1% of QP every incident Level 3: 0.10% of QP for every 12 Hours delay in resolution, capped to 1% of QP every incident
4.	Timeline for Retrieval of video feeds from the Storage	As per SLA	<p>Rs. 500 for every instance of late retrieval as per the SLA</p> <p>Note: Data Retrieval Request Through a Request Log Mechanism</p>
5.	Uptime of all IT components installed at city/State Centre	99.50% (at each individual component level)	<p>For each component</p> <p>99.50 - 99.00%- 0.5% of QP</p> <p>98.99 - 98.50% - 1.0% of QP</p> <p>98.49 - 98.00%-1.5% of QP</p> <p>97.99 - 97.50%-2% of QP</p> <p>Less than 97.50%- 3% of the QP</p> <p>If the uptime goes below 95%, tenderer may terminate the contract.</p>
6.	Uptime of all non-IT Components at City/State Centre	99.00% (at each individual component level)	<p>For each component</p> <p>99.00 - 98.50%- 0.5% of QP</p> <p>98.49 - 98.00% - 1.0% of QP</p> <p>97.99 - 97.50%-1.5% of QP</p> <p>97.49 - 97.00%-2% of QP</p> <p>Less than 97.00%- 3% of the QP</p> <p>If the uptime goes below 95%, tenderer may terminate the contract.</p>

5.42.4 Successful Bidder shall be paid Quarterly Payment (QP) as per the services provided to the TENDERER. The overall penalty would be generally capped at 10% of QP amount. If the cap of overall penalty is reached in two consecutive quarters, the penalty cap for the third quarter onwards, for each quarter will increase by 5% over the penalty cap for the preceding quarter till it reaches 25% of the QP. In addition to the applicable penalty and the provisions pertaining to closure/termination of contract, the TENDERER shall be within its rights to undertake termination of contract if or anytime the penalty increases by 20 % of the QP. Once the penalty cap has increased beyond 10%, if the bidder through better performance delivery for any quarter, brings the leviable penalty below 10% then the computation of the 1st of the 2 consecutive quarters as referred above will reset and will begin afresh. Availability will be calculated on a quarterly basis.

- 5.42.5 The above clause for penalties due to delay in FAT shall only be applicable for the delay attributed solely to the successful bidder as per his roles and responsibilities, delay due to other reasons shall not be considered.
- 5.42.6 The SLA shall be applicable even during the Partial Go-Live.
- 5.42.7 During partial Go-live (Per city) the O&M charges shall be paid at pro-rata basis. Formula for calculating pro-rata O&M charges per city per quarter = price under schedule-II/(Number of cities x 20).
- 5.42.8 The maximum cap for pro-rata O&M Charges to be paid shall not be more than 50% of respective city of schedule-II of the price-bid for the whole contract period.
- 5.42.9 The formula for calculating maximum cap for pro-rata O&M Charges = 50% x (price under schedule-II/Number of cities)

5.43 Approvals/Clearances

- 5.43.1 Necessary approvals/ clearances concerned authorities, for establishing the proposed project are to be obtained by the Selected agency.
- 5.43.2 Necessary approvals/ clearances from concerned authorities, as required, for fire protection, government duties / taxes/ Octroi are to be obtained by the Selected agency.

5.44 Project Implementation

- 5.44.1 The home department may appoint a Third-party auditor who will be responsible for the Project and all inspection, installation, commissioning and acceptance of work will be undertaken by them. All Invoices, Vouchers, Bills for supplied goods and services by the Successful bidder under the scope of the work will be verified measured and accepted by the TPA, for release of payment.
- 5.44.2 As part of implementation, the successful bidder shall provide details of equipment that will be incorporated in the proposed system, material and manpower as required. The location for storing spare parts and quantity there on should also be clearly indicated.
- 5.44.3 The successful bidder will implement the project strictly as per the plan approved by the TENDERER. The successful bidder shall install and implement the proposed system at such locations as may be selected by the TENDERER as per the project timeline as per Clause 4.2.10.
- 5.44.4 The Successful bidder shall provide the necessary Training, technical support, Standard Operating Procedure (SOP) and other information to the TENDERER'S and its users in and after implementing the proposed system. The TENDERER at any time during the currency of the Agreement should have access to the proposed content.
- 5.44.5 The successful bidder shall arrange to obtain all statutory and regulatory permission (If any) at no cost to the Government of Gujarat.
- 5.44.6 The successful bidder may have to work during Holidays and Sundays, according to the urgency of work. It will be the responsibility of the Successful bidder to co-ordinate with all other agencies of Government of Gujarat in order to obtain NOC required to execute the job. However, the Home department may assist in getting such approvals/NOC as the case may be.
- 5.44.7 Successful bidder shall treat all matters connected with the contract strictly confidential and shall undertake not to disclose, in any way, information, documents, technical data, experience and know how, without prior written permission from the TENDERER.

5.44.8 Any damage caused to the property of Government of Gujarat while executing the job shall be solely Successful bidder's responsibility. In case any damage to the property is caused, the same will be recovered from the Successful bidder.

5.45 Sub-Contracting

The bidder would not be allowed to Sub-contract/outsourced work except for the following:

- Establishment of passive components of network infrastructure.
- Cabling and fixtures work, civil, electrical work during implementation.
- FMS staff for Non-IT support during post implementation at command & control centre
- Call Centre services, if applicable
- Installation and Maintenance (only) of field active devices like Camera but the overall responsibility of configuration and operation is of selected system integrator.

The Bidder has to submit undertaking as per Annexure-XI

5.46 Third Party

5.46.1 The TENDERER may appoint/designate a Third Party for IT Infrastructure projects, which would monitor the project during implementation, commissioning and operation. The Third Party will also conduct User Acceptance Test and Final Acceptance Test as per the technical requirement of the Agreement and will issue the Certificate of Completion of each proposed Site. Third Party will verify the services provided by the successful bidder under the agreement. The successful bidder will co-operate with such Third Party.

5.47 Fraudulent and Corrupt Practices

- 5.47.1 Fraudulent practice means a misrepresentation of facts in order to influence a procurement process or the execution of a Contract and includes collusive practice among Bidders (prior to or after Bid submission) designed to establish Bid prices at artificial non-competitive levels and to deprive the TENDERER of the benefits of free and open competition.
- 5.47.2 "Corrupt Practice" means the offering, giving, receiving or soliciting of anything of value, pressurizing to influence the action of a public official in the process of Contract execution.
- 5.47.3 The TENDERER will reject a proposal for award and may forfeit the EMD and/or Performance Bank Guarantee if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for, or in executing, contract(s).

5.48 MIS Reports:

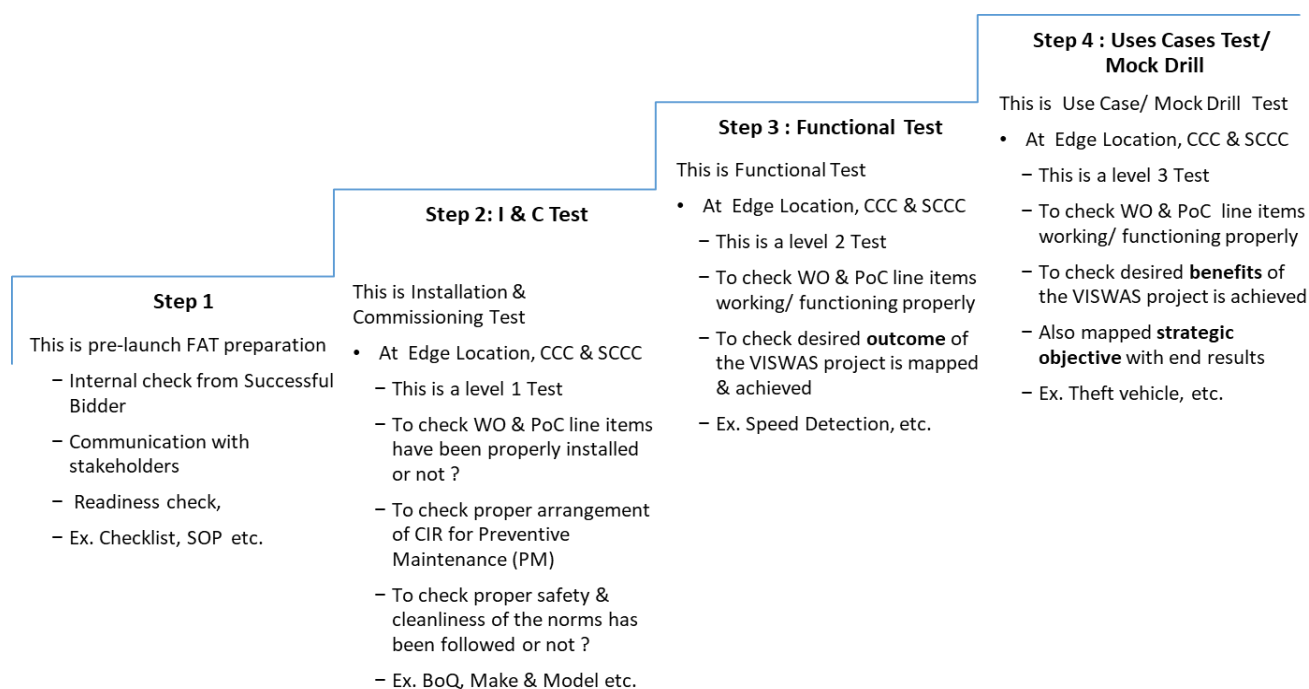
5.48.1 Bidder is required to submit various MIS reports to the TENDERER in support of SLA compliance along with its quarterly invoice and as and when asked by the TENDERER. Following is the minimum indicative list of types of MIS reports to be submitted by bidder:

S/n	Activity	Periodicity
1	Video Management System	Daily
2	No. of Camera Feeds latched onto the VMS	
3	Report of Working /Non-Working/Tampered Cameras	

4	Ageing Report of issues/Incidents	
5	Memory utilization of the Storage	Weekly
6	SLA compliance reports	Quarterly
7	Preventive maintenance reports	
8	Configuration change reports	
9	Automatic Traffic Enforcement system	
10	No. of Violations captured with Details	
11	Resource Consumption of the Hosted Applications	As and when required
12	Any Other Specific Report/Dashboards/Portal Reports/MIS/Analysis Reports as suggested by TENDERER	

5.49 Acceptance Tests

Acceptance Test will be conducted in as follows:



5.49.1 TENDERER reserves the right to inspect goods and services supplied as per the scope of this RFP document. The cost of all such tests shall be borne by the Vendor. Any inspected goods fail for confirm to the specification will be rejected, and Vendor shall have to replace the rejected goods as per the contract specification without any financial implication to the TENDERER.

5.49.2 Final Acceptance Test (FAT): After successful installation of the System in accordance with the requirements as mentioned in Schedule of Requirement, Final Acceptance Test will be conducted. After successful testing, Acceptance Test Certificate will be issued by TENDERER or its designated agency to the Vendor.

5.49.3 The date on which Acceptance certificate is issued shall be deemed to be the date of successful commissioning of the System.

5.49.4 Any delay by the Vendor in the Acceptance Testing shall render the Vendor liable to the imposition of appropriate Penalties.

5.49.5 Bidder is required to update the details of Hardware installed in the Assets Master of IWDMS and the TENDERER before completion of FAT.

5.50 Copyright and Intellectual Property Rights

5.50.1 The TENDERER will have exclusive right to use and own the application software (as customized from time to time), its source code along with further development rights and its derivatives. The software prepared cannot be used for any purpose whatsoever without the written consent of the TENDERER.

5.50.2 No software or services covered by the contract shall be developed or done by the company in violation of any right whatsoever of third party, and in particular, but without prejudice to the generality of the foregoing of any patent right, trademark or Similar right, or of any charge, mortgage or lien. Vendor will indemnify the TENDERER for all such correspondence.

5.51 Patent Claim

5.51.1 In the event of any claim asserted by a third party of infringement of copyright, patent, trademark or industrial design rights arising from the use of the Goods or any part thereof, the bidder shall expeditiously extinguish such claim. If the bidder fails to comply and TENDERER is required to pay compensation to a third party resulting from such infringement, the Bidder shall be responsible for such compensation, including all expenses, court costs and lawyer fees. TENDERER shall give notice to the successful bidder of any such claim and recover it from the bidder if required.

SECTION-VI : Price Bid

PRICE BID:

6.1 Price-bid Instruction to Bidders

- 6.1.1 Price shall be inclusive of all freight, forwarding, transit insurance and installation charges. Prices shall be inclusive of Excise Duties. The prices shall strictly be submitted in the given format. Quoted prices shall be **inclusive** of GST. The tax (GST/ Applicable Tax) components as applicable shall be mentioned separately in the respective columns. Successful Bidder will have to supply/provide goods with an Invoice from a place located within State of Gujarat.
- 6.1.2 For taxation purpose only- Bidder can bifurcate (Goods and Services) portion of the unit price quoted in the price bid at the time of invoice.
- 6.1.3 The Successful Bidder is required to submit a detailed letter before the 1st invoice clearly defining the Goods and Service portion separately of each and every line items.
- 6.1.4 Prices shall be written in both words and figures. In the event of difference, the price in words shall be valid and binding.
- 6.1.5 The bidder should provide calculations (Bill of Material with installation and setup charges, exclusive of taxes) for the quoted items, without which the bid is liable for rejection. Any arithmetical errors in these calculations will be on bidder's account.
- 6.1.6 Offered price should be **inclusive** of all applicable taxes such as GST, etc. for destination (anywhere in Gujarat state).

6.1.7 Corrections errors in Commercial proposal

- 6.1.7.1 Bidders are advised to exercise adequate care in quoting the prices. No excuse for corrections in the quoted figures will be entertained after the Commercial Proposals are received by TENDERER.
- 6.1.7.2 In cases of discrepancy between the prices quoted in words and in figures, the price quoted in words shall prevail.

6.1.8 Price and information

- 6.1.8.1 The Bidder shall quote a price for all the components of the solution that are necessary to meet the requirements of the RFP.
- 6.1.8.2 All the prices will be in Indian Rupees.
- 6.1.8.3 The Total Contract Value should be inclusive of all costs including the licensing, hosting, manpower, insurance for the Contract Period, delivery charges, transfer of assets (software), travel / stay, daily allowance or any other allowances with respect to their staff deployed for the execution of this Project before or after the award of the Contract.
- 6.1.8.4 The prices, once offered, must remain fixed and must not be subject to escalation for any reason whatsoever within the period of the validity of the Proposal and the Contract. No revision of the Total Contract Value shall be made on account of any variations in costs of labour and materials, currency exchange fluctuations with international currency or any other cost component affecting the total cost in fulfilling the obligations under the Contract. A Proposal submitted with an adjustable price quotation or conditional Proposal may be rejected as non-responsive.

6.1.8.5 All costs incurred due to delay of any sort, which is attributable to the Bidder, shall be borne by the Bidder.

Make and Model form

Sr. No.	Items	Make and Model	Supporting Document uploaded? (Yes/No)
1	Online UPS 10 KVA (Min. 1 Hour of battery backup)		
2	Storage (for Video feeds) Type 1- 700 TB		
3	Storage (for Video feeds) Type 2- 1.5 PB		
4	L3 Switch		
5	L2 Switch		
6	42U Network Rack		
7	42U Server Rack		
8	Workstations with Monitors for Live and Playback		
9	Online UPS 1 KVA (Min. 2 Hours of battery backup)		
10	24U Rack		
11	Junction Box, with adjustable mounting trays		
12	Poles including mounting/installation		
13	Gantry including mounting/installation (Running Feet)		
14	IP Camera Type A: ANPR and Speed Detection		
15	IP Camera Type B: Surveillance		
16	IP Camera Type C: PTZ		
17	8 Port Managed Outdoor L2 Switch with Fiber/Combo port		
18	External IR Illuminators		
19	CCTV: Sign Board for location under surveillance		
20	LIU (6 core for SC/FC/ST/ LC)		
21	Automatic Voltage Stabilizer		
22	Surge Protection Power Strip		

Note: The Bidder may quote only one option (i.e. one Make and Model can be quoted) against each item cluster wise. Bidders are required to mention Make and Model of the product (Do not write “OEM” against items). Bidders are expected to give make and model of the product). Ensure that all equipment including material to be installed by the Bidder shall be new and the product should not be de-supported or declared end of life during the next 7 years.

6.2 Price Bid

Amount in INR

Price bid of Cluster-I (Arvalli, Gandhinagar, Mehsana, Sabarkantha, Kutch (East), Kutch (West), Patan)						
Sr. No	ITEM	Make and Model	UOM	Qty (In Nos.)	Unit Price with 5 Year Warranty (with Taxes)	Total Price With 5 Years Warranty (In Rs.) (With Tax)
A	B	C	D	E	F	G=E*F
Schedule – I						
A)Central Infrastructure: For City Control Centre						-
1	Online UPS 10 KVA (Min. 1 Hour of battery backup)		Qty.	8		
2	Storage (for Video feeds) Type 1- 700 TB		Qty.	1		
3	Storage (for Video feeds) Type 2- 1.5 PB		Qty.	1		
4	L3 Switch		Qty.	16		
5	L2 Switch		Qty.	8		
6	42U Network Rack		Qty.	8		
7	42U Server Rack		Qty.	2		
Total A						
B) Central Infrastructure: For Local Police Station						-
8	L3 Switch		Qty.	15		
9	Workstations with Monitors for Live and Playback		Qty.	15		
10	Online UPS 1 KVA (Min. 2 Hours of battery backup)		Qty.	15		
11	24U Rack		Qty.	15		
Total B						
C) Site Infrastructure: End Point Items						
12	Junction Box, with adjustable mounting trays		Qty.	572		
13	Poles including mounting/installation		Qty.	1455		
14	Gantry including mounting/installation (Running Feet)		R. Feet	38350		
15	IP Camera Type A: ANPR and Speed Detection		Qty.	1031		
16	IP Camera Type B: Surveillance		Qty.	1424		
17	IP Camera Type C: PTZ		Qty.	479		
18	8 Port Managed Outdoor L2 Switch with Fiber/Combo port		Qty.	572		
19	IR Illuminators		Qty.	2455		

20	CCTV: Sign Board for location under surveillance		Qty.	1144		
21	LIU (6 core for SC/FC/ST/ LC)		Qty.	572		
22	Automatic Voltage Stabilizer		Qty.	572		
23	Surge Protection Power Strip		Qty.	572		
Total C						
Total A+B+C						
Schedule – II						
1	Operations and Maintenance for the Project for 5 Years					
Total Schedule-II						
Schedule-III (Dismantling and Reinstallation Charges)						
1	Rate for dismantling of CCTV Camera includes supporting accessories (Active/Passive)		Qty.	293		
2	Rate for reinstalling of CCTV Camera includes supporting accessories (Active/Passive)		Qty.	293		
3	Rate for dismantling Pole including all accessories, civil work, labor work, HYDRA and manlift services, foundation removal, related work like cabling, earthing, etc.		Qty.	145		
4	Rate for reinstalling Pole including all accessories civil work, labor work, HYDRA and manlift services, foundation, related work like cabling, earthing, etc.		Qty.	145		
5	Rate for dismantling Gantry including all accessories, civil work, labor work, HYDRA and manlift services, foundation, related work like cabling, earthing, etc.		Qty.	3850		
6	Rate for reinstalling Gantry including all accessories, civil work, labor work, HYDRA and manlift services, foundation, related work like cabling, earthing, etc.		Qty.	3850		
7	Rate for dismantling Junction Box (with all components inside the Junction Box) including civil work, labor work, foundation removal, related work like cabling, earthing, etc.		Qty.	57		
8	Rate for reinstalling Junction Box (with all components inside the Junction Box) including civil work, labor work, foundation, related work like cabling, earthing, etc.		Qty.	57		
Total of Schedule-III (Dismantling and Reinstallation Charges)						
Total of Schedule – I, Schedule – II & Schedule III for Cluster-I						

Note:

- All the above-mentioned line items should comply to technical specifications and Scope of work including all applicable Licenses, Active and passive Cabling and Accessories, Installation, Commissioning and Configuration with 5 Year Warranty and onsite Support.

2. Above mentioned quantities are indicative and for evaluation purpose only, actual quantities may vary at the time of placing the order. The Quoted rates remain valid throughout the project contract period.
3. Price Bid-Schedule-II: Operations and maintenance cost for 5 years to be quoted by the bidder should not be less than 25% of sum total of all the line items of schedule-I
4. Sum Total of Schedule – II would be paid in 20 equated Quarters.
5. Bidder needs to upload detailed priced BOQ and pricing of all the line items
6. The Successful bidder needs to account for all Out-of-Pocket expenses due to Boarding, Lodging and other related items.
7. The tender rates shall be valid for 1 Year.
8. Qty. mentioned in the Annexure A is based on the current assessment and feedback received from concern stakeholders. However, at the time of implementation actual/available qty. will be considered and payment for the **same** will be **paid** accordingly.
9. The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
10. **The rate mentioned for Schedule-III Dismantling and Reinstalling Charges shall be valid for the entire contract duration. The above mentioned quantity in schedule-III are indicative. In the future, if the request for Dismantling and Shifting goes beyond the indicative quantity the bidder is bound to perform Dismantling and Reinstallation activities at the finalised rate under this RFP for the entire contract period.**
11. **Bidder has to submit the Financial Document Indicating Price Break Up (in the above said prescribed format only) under the financial section of GeM.**

Price bid of Cluster-II
(Amreli, Bhavnagar, Botad, Gir Somnath, Junagadh, Porbandar, Devbhumi Dwarka, Jamnagar, Morbi, Rajkot (Rural), Surendranagar, Rajkot City)

Sr. No	ITEM	Make and Model	UOM	Qty (In Nos.)	Unit Price with 5 Year Warranty (with Taxes)	Total Price With 5 Years Warranty (In Rs.) (With Tax)
A	B	C	D	E	F	G=E*F
Schedule - I						
A)Central Infrastructure: For City Control Centre						-
1	Online UPS 10 KVA (Min. 1 Hour of battery backup)		Qty.	11		
2	Storage (for Video feeds) Type 1- 700 TB		Qty.	2		
3	Storage (for Video feeds) Type 2- 1.5 PB		Qty.	1		
4	L3 Switch		Qty.	22		
5	L2 Switch		Qty.	11		
6	42U Network Rack		Qty.	11		
7	42U Server Rack		Qty.	3		
Total A						
B) Central Infrastructure: For Local Police Station						-
8	L3 Switch		Qty.	18		
9	Workstations with Monitors for Live and Playback		Qty.	18		
10	Online UPS 1 KVA (Min. 2 Hours of battery backup)		Qty.	18		
11	24U Rack		Qty.	18		
Total B						
C) Site Infrastructure: End Point Items						
12	Junction Box, with adjustable mounting trays		Qty.	706		
13	Poles including mounting/installation		Qty.	1890		
14	Gantry including mounting/installation (Running Feet)		R. Feet	23700		
15	IP Camera Type A: ANPR and Speed Detection		Qty.	572		
16	IP Camera Type B: Surveillance		Qty.	1981		

17	IP Camera Type C: PTZ		Qty.	561		
18	8 Port Managed Outdoor L2 Switch with Fiber/Combo port		Qty.	706		
19	IR Illuminators		Qty.	2553		
20	CCTV: Sign Board for location under surveillance		Qty.	1412		
21	LIU (6 core for SC/FC/ST/LC)		Qty.	706		
22	Automatic Voltage Stabilizer		Qty.	706		
23	Surge Protection Power Strip		Qty.	706		
Total C						
Total A+B+C						
Schedule - II						
1	Operations and Maintenance for the Project for 5 Years					
Total Schedule-II						
Schedule-III (Dismantling and Reinstallation Charges)						
1	Rate for dismantling of CCTV Camera includes supporting accessories (Active/Passive)		Qty.	311		
2	Rate for reinstalling of CCTV Camera includes supporting accessories (Active/Passive)		Qty.	311		
3	Rate for dismantling Pole including all accessories, civil work, labor work, HYDRA and manlift services, foundation removal, related work like cabling, earthing, etc.		Qty.	189		
4	Rate for reinstalling Pole including all accessories civil work, labor work, HYDRA and manlift services, foundation, related work like cabling, earthing, etc.		Qty.	189		
5	Rate for dismantling Gantry including all accessories, civil work, labor work, HYDRA and manlift services, foundation, related work like cabling, earthing, etc.		Qty.	2370		
6	Rate for reinstalling Gantry including all accessories, civil work, labor work, HYDRA and manlift services, foundation, related work like cabling, earthing, etc.		Qty.	2370		
7	Rate for dismantling Junction Box (with all components inside the Junction Box) including civil work, labor work,		Qty.	70		

	foundation removal, related work like cabling, earthing, etc.					
8	Rate for reinstalling Junction Box (with all components inside the Junction Box) including civil work, labor work, foundation, related work like cabling, earthing, etc.		Qty.	70		
Total of Schedule-III (Dismantling and Reinstallation Charges)						
Total of Schedule - I, Schedule – II & Schedule - III for Cluster-II						

Note:

1. All the above-mentioned line items should comply to technical specifications and Scope of work including all applicable Licenses, Active and passive Cabling and Accessories, Installation, Commissioning and Configuration with 5 Year Warranty and onsite Support.
2. Above mentioned quantities are indicative and for evaluation purpose only, actual quantities may vary at the time of placing the order. The Quoted rates remain valid throughout the project contract period.
3. Price Bid-Schedule-II: Operations and maintenance cost for 5 years to be quoted by the bidder should not be less than 25% of sum total of all the line items of schedule-I
4. Sum Total of Schedule – II would be paid in 20 equated Quarters.
5. Bidder needs to upload detailed priced BOQ and pricing of all the line items
6. The Successful bidder needs to account for all Out-of-Pocket expenses due to Boarding, Lodging and other related items.
7. The tender rates shall be valid for 1 Year.
8. Qty. mentioned in the Annexure A is based on the current assessment and feedback received from concern stakeholders. However, at the time of implementation actual/available qty. will be considered and payment for the same will be paid accordingly.
9. The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
10. The rate mentioned for Schedule-III Dismantling and Reinstalling Charges shall be valid for the entire contract duration. The above mentioned quantity in schedule-III are indicative. In the future, if the request for Dismantling and Shifting goes beyond the indicative quantity the bidder is bound to perform Dismantling and Reinstallation activities at the finalised rate under this RFP for the entire contract period.
11. **Bidder has to submit the Financial Document Indicating Price Break Up (in the above said prescribed format only) under the financial section of GeM.**

**Price bid of Cluster-III
(Ahmedabada (Rural), Anand, Kheda, Dahod, Mahisagar, Panchmahal,
Dang, Navsari, Surat, Tapi, Valsad, Bharuch, Narmada, Vadodara
(Rural))**

Sr. No	ITEM	Make and Model	UOM	Qty (In Nos.)	Unit Price with 5 Year Warranty (with Taxes)	Total Price With 5 Years Warranty (In Rs.) (With Tax)
A	B	C	D	E	F	G=E*F
Schedule - I						
A)Central Infrastructure: For City Control Centre						-
1	Online UPS 10 KVA (Min. 1 Hour of battery backup)		Qty.	15		
2	Storage (for Video feeds) Type 1- 700 TB		Qty.	2		
3	Storage (for Video feeds) Type 2- 1.5 PB		Qty.	1		
4	L3 Switch		Qty.	30		
5	L2 Switch		Qty.	15		
6	42U Network Rack		Qty.	15		
7	42U Server Rack		Qty.	3		
Total A						
B) Central Infrastructure: For Local Police Station						-
8	L3 Switch		Qty.	19		
9	Workstations with Monitors for Live and Playback		Qty.	19		
10	Online UPS 1 KVA (Min. 2 Hours of battery backup)		Qty.	19		
11	24U Rack		Qty.	19		
Total B						
C) Site Infrastructure: End Point Items						
12	Junction Box, with adjustable mounting trays		Qty.	575		
13	Poles including mounting/installation		Qty.	1385		
14	Gantry including mounting/installation (Running Feet)		R. Feet	30200		
15	IP Camera Type A: ANPR and Speed Detection		Qty.	765		
16	IP Camera Type B: Surveillance		Qty.	1422		

17	IP Camera Type C: PTZ		Qty.	481		
18	8 Port Managed Outdoor L2 Switch with Fiber/Combo port		Qty.	575		
19	IR Illuminators		Qty.	2187		
19	CCTV: Sign Board for location under surveillance		Qty.	1150		
20	LIU (6 core for SC/FC/ST/LC)		Qty.	575		
21	Automatic Voltage Stabilizer		Qty.	575		
22	Surge Protection Power Strip		Qty.	575		
Total C						
Total A+B+C						
Schedule – II						
1	Operations and Maintenance for the Project for 5 Years					
Total Schedule-II						
Schedule-III (Dismantling and Reinstallation Charges)						
1	Rate for dismantling of CCTV Camera includes supporting accessories (Active/Passive)		Qty.	266		
2	Rate for reinstalling of CCTV Camera includes supporting accessories (Active/Passive)		Qty.	266		
3	Rate for dismantling Pole including all accessories, civil work, labor work, HYDRA and manlift services, foundation removal, related work like cabling, earthing, etc.		Qty.	138		
4	Rate for reinstalling Pole including all accessories civil work, labor work, HYDRA and manlift services, foundation, related work like cabling, earthing, etc.		Qty.	138		
5	Rate for dismantling Gantry including all accessories, civil work, labor work, HYDRA and manlift services, foundation, related work like cabling, earthing, etc.		Qty.	3020		
6	Rate for reinstalling Gantry including all accessories, civil work, labor work, HYDRA and manlift services, foundation, related work like cabling, earthing, etc.		Qty.	3020		
7	Rate for dismantling Junction Box (with all components inside the Junction Box) including civil work, labor work,		Qty.	57		

	foundation removal, related work like cabling, earthing, etc.					
8	Rate for reinstalling Junction Box (with all components inside the Junction Box) including civil work, labor work, foundation, related work like cabling, earthing, etc.		Qty.	57		
Total of Schedule-III (Dismantling and Reinstallation Charges)						
Total of Schedule - I, Schedule – II & Schedule - III for Cluster-III						1

Note:

1. All the above-mentioned line items should comply to technical specifications and Scope of work including all applicable Licenses, Active and passive Cabling and Accessories, Installation, Commissioning and Configuration with 5 Year Warranty and onsite Support.
2. Above mentioned quantities are indicative and for evaluation purpose only, actual quantities may vary at the time of placing the order. The Quoted rates remain valid throughout the project contract period.
3. Price Bid-Schedule-II: Operations and maintenance cost for 5 years to be quoted by the bidder should not be less than 25% of sum total of all the line items of schedule-I
4. Sum Total of Schedule – II would be paid in 20 equated Quarters.
5. Bidder needs to upload detailed priced BOQ and pricing of all the line items
6. The Successful bidder needs to account for all Out-of-Pocket expenses due to Boarding, Lodging and other related items.
7. The tender rates shall be valid for 1 Year.
8. Qty. mentioned in the Annexure A is based on the current assessment and feedback received from concern stakeholders. However, at the time of implementation actual/available qty. will be considered and payment for the same will be paid accordingly.
9. The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
10. The rate mentioned for Schedule-III Dismantling and Reinstalling Charges shall be valid for the entire contract duration. The above mentioned quantity in schedule-III are indicative. In the future, if the request for Dismantling and Shifting goes beyond the indicative quantity the bidder is bound to perform Dismantling and Reinstallation activities at the finalised rate under this RFP for the entire contract period.
11. **Bidder has to submit the Financial Document Indicating Price Break Up (in the above said prescribed format only) under the financial section of GeM.**

SECTION-VII : Formats & Annexures

Format I – Proposal Covering Letter

(To be on the Bidder's letterhead duly Signed by Authorized Signatory)

To
DGM (Tech)
Gujarat Informatics Ltd.
Block No. 2, 2nd Floor, C & D Wing, Karmayogi Bhavan,
Sector 10A, Gandhinagar- 382010, Gujarat

Tender Ref No:

Subject: "Request for proposal (RFP) for selection of Implementing agency for Supply, Installation and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat"

Dear Sir,

We (Name of the bidder) hereby submit our proposal in response to notice inviting tender date and tender document no. and confirm that:

1. All information provided in this proposal and in the attachments, is true and correct to the best of our knowledge and belief.
2. We shall make available any additional information if required to verify the correctness of the above statement.
3. Certified that the period of validity of bids is 180 days from the last date of submission of proposal, and
4. We are quoting for all the items (including services) as per the price bid format Section-VI as mentioned in the RFP.
5. We the Bidder are not under a declaration of Ineligibility for corrupt or fraudulent practices or blacklisted by any of the Government agencies at the time of bid submission.
6. We have an office in the state and relevant documents for the same are attached. We undertake that if the local presence is not there in the state, that we shall establish an office at Gandhinagar/ Ahmedabad, within 45 days from the date of the award of contract.
7. Gujarat Informatics Limited may contact the following person for further Information regarding this tender: -
 - a. Name & Designation:
 - b. Full address of office
 - c. Email ID & Contact No.
8. We are uploading our Response to the RFP (Eligibility, technical and financial bid documents) as per the instructions set out in this RFP.

Yours Sincerely,
(Signature)

Name of Authorized Signatory:

Designation:

Date:

Name of the bidder:

Format II – Power of Attorney

(To be provided in original on stamp paper of value required under law duly Signed by 'bidder')

Dated:

POWER OF ATTORNEY

To Whomsoever It May Concern

Know all men by these presents, we _____ (name and registered office address of the Bidder) do hereby constitute, appoint and authorize Mr./Ms./Mrs. _____ (Name of the Person(s)), domiciled at _____ (Address), acting as _____ (Designation and the name of the firm), as Authorized Signatory and whose Signature is attested below, as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our Proposal for award of Contract **“Request for proposal (RFP) for selection of Implementing agency for Supply, Installation and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat.”** involving the deliverables including Provisioning for Software, Networking and IT infrastructure, Implementation Services, Operations , Maintenance and support for at least 5 years as per location provided in RFP issued by GIL , vide RFP (Tender Document) Document No. _____ dated _____ , issued by Gujarat Informatics Limited, including Signing and submission of all documents and providing information and responses to clarifications / enquiries etc. as may be required by Gujarat Informatics Limited or any governmental authority, representing us in all matters before Gujarat informatics Limited, and generally dealing with GIL in all matters in connection with our Proposal for the said Project. We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

For -----

(Signature)

(Name, Title and Address)

Accept (Attested Signature of Mr./Ms./Mrs. _____)

(Name, Title and Address of the Attorney)

Notes: - To be executed by the Bidder - The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required the same should be under common seal affixed in accordance with the required procedure. - Also, wherever required, the executant(s) should submit for verification the extract of the charter documents and documents such as a resolution / power of attorney in favor of the Person executing this Power of Attorney for the delegation of power hereunder on behalf of the executants(s).

Format III – Authorization Letter from Original Equipment Manufacturer (OEM)

(To be provided as part of Technical Bid on letter head Signed by the authorized representative of OEM in favor of
'bidder')

To
DGM (Tech)
Gujarat Informatics Ltd.
Block No. 2, 2nd Floor, C & D Wing, Karmayogi Bhavan,
Sector 10A, Gandhinagar- 382010, Gujarat

Tender Ref No:

Subject: “Request for proposal (RFP) for selection of Implementing agency for Supply, Installation and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat”

Dear Sir,

I/We [manufacturer] having our office/works athereby certify that M/s [Bidder] is an authorized [relationship] of [manufacturer] and they are authorized to represent [manufacturer] in submitting their bid for [product& services] and conclude the contract with you.

We [manufacturer] are confident of M/s [Bidder's] ability to represent us and provide full support in making your project successful. We [manufacturer] have authorized to quote for this tender.

I / We hereby commit & confirm the following:

- a. The duration of the service support will be for a period of five years from the date of supply of equipment.
- b. The service support will be provided onsite and will not be charged extra.
- c. The service support will be comprehensive hence no extra charge is to be paid for any Hardware failure.

Signature

Name

Designation

Format IV – Bank Guarantee format for Earnest Money Deposit

To
DGM (Tech)
Gujarat Informatics Ltd.
Block No. 2, 2nd Floor, C & D Wing, Karmayogi Bhavan,
Sector 10A, Gandhinagar- 382010, Gujarat

Dated:

Whereas ----- (here in after called "the Bidder") has submitted its bid dated ----- in response to the Tender no: XXXXXXXXXX for

____ KNOW ALL MEN by these presents that WE -----
----- having our registered office at -----
----- (hereinafter called "the Bank") are bound unto the _____,
Gujarat Informatics Limited in the sum of ----- for which payment well and truly to be made to Gujarat Informatics Limited, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this -----day of -----
-----2021.

THE CONDITIONS of this obligation are:

The EMD may be forfeited, In case of a Bidder if:

- 1) The bidder withdraws its bid during the period of bid validity.
 - a. The Bidder does not respond to requests for clarification of their Bid.
 - b. The Bidder fails to co-operate in the Bid evaluation process.
 - c. The bidder fails to furnish Performance Bank Guarantee in time.
- 2) The bidder fails to Sign the contract in accordance with this RFP
- 3) The bidder is found to be involved in fraudulent and corrupt practices

We undertake to pay to the GIL up to the above amount upon receipt of its first written demand, without GIL having to substantiate its demand, provided that in its demand GIL will specify that the amount claimed by it is due to it owing to the occurrence of any of the above-mentioned conditions, specifying the occurred condition or conditions.

This guarantee will remain valid up to 6 months from the last date of bid submission. The Bank undertakes not to revoke this guarantee during its currency without previous consent of the GIL and further agrees that the guarantee herein contained shall continue to be enforceable till the GIL discharges this guarantee

The Bank shall not be released of its obligations under these presents by any exercise by the GIL of its liability with reference to the matters aforesaid or any of them or by reason or any other acts of omission or commission on the part of the GIL or any other indulgence shown by the GIL or by any other matter or things.

The Bank also agree that the GIL at its option shall be entitled to enforce this Guarantee against the Bank as a Principal Debtor, in the first instance without proceeding against the SELLER and notwithstanding any security or other guarantee that the TENDERER may have in relation to the SELLER's liabilities.

Dated at _____ on this _____ day of _____ 2022.

Signed and delivered by

For & on Behalf of
Name of the Bank & Branch &
Its official Address with seal

Approved Bank: Any Nationalized Bank operating in India having branch at Ahmedabad/
Gandhinagar

Format V – Performance Bank Guarantee

(To be stamped in accordance with Stamp Act)

Ref:

Bank Guarantee No.

Date:

To,

DGM (Tech)

Gujarat Informatics Ltd.

**Block No. 2, 2nd Floor, C & D Wing, Karmayogi Bhavan,
Sector 10A, Gandhinagar- 382010, Gujarat**

Dear Sir,

WHEREAS..... (Name of Bidder) hereinafter called "the Bidder" has undertaken, in pursuance of Agreement dated, (hereinafter referred to as "the Agreement for **Request for proposal (RFP) for selection of Implementing agency for Supply, Installation and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat**", for the Home Department, Government of Gujarat.

AND WHEREAS it has been stipulated in the said Agreement that the Bidder shall furnish a Bank Guarantee ("the Guarantee") from a scheduled bank for the sum specified therein as security for implementing PROJECT.

1. WHEREAS we _____ ("the Bank", which expression shall be deemed to include its successors and permitted assigns) have agreed to give the Gujarat Informatics Limited ("GIL") the Guarantee:

THEREFORE the Bank hereby agrees and affirms as follows:

The Bank hereby irrevocably and unconditionally guarantees the payment of all sums due and payable by the Bidder to GIL under the terms of their Agreement dated _____. Provided, however, that the maximum liability of the Bank towards GIL under this Guarantee shall not, under any circumstances, exceed _____ in aggregate.

2. In pursuance of this Guarantee, the Bank shall, immediately upon the receipt of a written notice from GIL in that behalf and without delay/demur or set off, pay to GIL any and all sums demanded by GIL under the said demand notice, subject to the maximum limits specified in Clause 1 above. A notice from GIL to the Bank shall be sent by Registered Post (Acknowledgement Due) at the following address:

Attention Mr. _____.

3. This Guarantee shall come into effect immediately upon execution and shall remain in force for a period of __ months from the date of its execution. The Bank shall extend the Guarantee for a further period which may mutually decide by the bidder and GIL.

The liability of the Bank under the terms of this Guarantee shall not, in any manner whatsoever, be modified, discharged, or otherwise affected by:

- Any change or amendment to the terms and conditions of the Contract or the execution of any further Agreements.
 - Any breach or non-compliance by the Bidder with any of the terms and conditions of any Agreements/credit arrangement, present or Future, between Bidder and the Bank.
4. The BANK also agrees that GIL at its option shall be entitled to enforce this Guarantee against the Bank as a Principal Debtor, in the first instance without proceeding against the BIDDER and notwithstanding any security or other guarantee that GIL may have in relation to the Bidder's liabilities.
 5. The BANK shall not be released of its obligations under these presents by reason of any act of omission or commission on the part of GIL or any other indulgence shown by GIL or by any other matter or thing whatsoever which under law would, but for this provision, have the effect of relieving the BANK.
 6. This Guarantee shall be governed by the laws of India and the courts of Gandhinagar shall have jurisdiction in the adjudication of any dispute which may arise hereunder.

Dated this Day of,2022

Witness

(Signature)

(Name)

(Official Address)

Dated:

(Signature)

Bank Rubber Stamp

(Name)

Designation with Bank Stamp
Plus Attorney as per Power of
Attorney No.

Format VI – Financial Details of the Bidder

Turnover (In Crore)			Net Worth (In Crore)		
2018 - 2019	2019 – 2020	2020 – 2021	2018 - 2019	2019 – 2020	2020 – 2021

Note:

1. Upload the audited financial statement/ audited annual report of the last three financial years.
2. Annual financial turnover during the last three years is _____ Crore (each year) against System Integration and Services. Bidder shall upload a certificate from the statutory auditors.
3. Bidder should have a positive Net worth. In this regard bidder, should upload a certificate from the statutory auditors.

Name:

Designation:

Signature of the Authorized Signatory (with seal):

Format VII – Bidder's Experience

Details of Past Experience

S. No.	Client Name & Address	Project Name (with Start & End Date)	Project Description	Contact details (Name, Designation, Phone No., Email ID)
1				
2				
3				
4				
5				

Name:

Designation:

Signature of the Authorized Signatory (with seal):

Format VIII – Compliance Statement

Sr. No	Proposed Hardware as per Specification	Make and Model	Quantity	Proposed Technical Specification	Complied / Not Complied	Comments
1						
2						

Note:

1. The bidders will have to incorporate any additional hardware or software required for the implementation of the project and achievement of SLAs. Bidders should carry out independent assessment to as to what exact number of hardware might be required.
2. SI should ensure that only one make and model is proposed for one component (for each line item) in Technical Bid

Name:

Designation:

Signature of the Authorized Signatory (with seal):

Format IX – Declaration Letter regarding Blacklisting

(For Lead Bidder)

To,
DGM (Tech)
Gujarat Informatics Ltd.
Block No. 2, 2nd Floor, C & D Wing, Karmayogi Bhavan,
Sector 10A, Gandhinagar- 382010, Gujarat

Sir/ Madam,

I have carefully gone through the Terms & Conditions contained in the RFP Document [No. _____] regarding “**selection of Implementing agency for Supply, Installation and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat**” for a period of five years. I hereby declare that my company has not been blacklisted by any Ministry of Government of India or by Government of any State in India or by Government of Gujarat or any of the Government PSUs.

I further certify that I am the Director/Company Secretary/Authorized Signatory and am therefore, competent in my Company to make this declaration.

Yours faithfully,

(Signature of the Bidder)

Name & Designation
Seal
DIN/Membership No.
Date:
Business Address:

Format X – Undertaking from Bidder

(On letterhead of Bidder)

Sub: Undertaking as per Office Memorandum No.: F. No.6/18/2019-PPD dated 23.07.2020 published by Ministry of Finance, Dept. of Expenditure, Public Procurement division

Tender Ref No:

I have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India. I certify that we as a bidder and offered product from following OEMs are not from such a country or, if from such a country, these offered products OEM has been registered with competent authority. I hereby certify that these offered product & its OEM fulfills all requirements in this regard and is eligible to be considered for procurement for VISWAS (Phase-II) Project of Home Department.

No.	Item Category	Offered Make & Model

In case I'm supplying material from a country which shares a land border with India, I will provide evidence for valid registration by the competent authority, otherwise GIL/End user Dept. reserves the right to take legal action on us.

(Signature)

Authorized Signatory of M/s <<Name of Company>>

Format XI – Undertaking from Bidder

(On letterhead of Bidder)

Sub: Undertaking for Sub-Contracting

Tender Ref No:

Dear Sir,

I had submitted bid for the bid no. _____ for executing the work defined in the bid document along with its various corrigendum. We have seen the RFP in totality pertaining to “Sub Contracting”

We hereby wish to provide our written confirmation w.r.t. to clause of the RFP document regarding Sub Contracting that the project will be implemented by us only and we will only sublet the work allowed in the said clause with prior approval of the client's competent authority. We further wish to confirm that all the ordering to the quoted OEMs will be done by us.

We are fully aware that any deviation to the said clause will leads to the disqualification/termination/EMD/PBG forfeiture. We will be submitting proofs of procurement done by us to the clients competent authority as compliance (Purchase Orders/Invoices/Work Orders given to various OEMs)

(Signature)

Authorized Signatory of M/s <<Name of Company>>

Format XII – Undertaking from Original Equipment Manufacturer (OEM)

(On letterhead of OEM)

Sub: Undertaking as per Office Memorandum No.: F. No.6/18/2019-PPD dated 23.07.2020 published by Ministry of Finance, Dept. of Expenditure, Public Procurement division

Tender Ref No:

Dear Sir,

I have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India. I certify that our offered product and our company are not from such a country, or if from such a country, our offered product and our company have been registered with competent authority. I hereby certify that these offered product and our company fulfills all requirements in this regard and is eligible to be considered for procurement for VISWAS (Phase-II) Project of Home Department.

No.	Item Category	offered Make & Model

In case I'm supplying material from a country which shares a land border with India, I will provide evidence for valid registration by the competent authority; otherwise, GIL/End user Dept. reserves the right to take legal action on us.

(Signature)

Authorized Signatory of M/s <<Name of Company>>

Format XIII - Non-Disclosure Undertaking

I, _____, aged _____, employed with _____, (“The Successful Bidder Organization”) _____ (“location of Successful Bidder Organization”) as a _____ (Designation of Resource as per Tender) have been deputed to work on Video Integration State Wide Advance Security (VISWAS) Project for Home Department, Government Of Gujarat (“the Client”) at TRINETRA/NETRAM/Police Station_____.

2. I acknowledge that as per the terms of my employment and the Code of Ethics applicable to me, I am obliged to keep all confidential information of the Organization, its affiliates or associates, including but not limited to their personnel, clients, vendors, customers, business associates etc., in strictest confidence and not disclose the same to anyone without the prior written consent of the Home Department, Government of Gujarat.
3. I acknowledge that in the course of working on the Engagement, I may have access to or become privy to or otherwise receive non-public information of or relating to the Client, its subsidiaries, affiliates or associates including but not limited to information relating to their employees, clients, vendors, customers, business associates etc. (“Confidential Information”).
4. Without prejudice to the generality of my acknowledgement and obligation under paragraph 2 above, I specifically acknowledge and agree to maintain the Confidential Information in strictest confidence and not give access to, share with or otherwise disclose the same to any persons (including the Client’s and Organization’s personnel) other than those with whom I am required to share the Confidential Information strictly on a ‘need to know’ basis in the course of performing my duties under the Engagement i.e. where there is a legal or professional right to know.
5. I shall take all necessary precautions to maintain the confidentiality of the Confidential Information, including, but not limited to ensuring that:
 - ❑ All physical media that holds Confidential Information (i.e., papers, CD-ROMs, tapes, envelopes, binders and file folders) are always stored in secure places when not in use.
 - ❑ My computer system is always locked with password when left unattended.
 - ❑ Confidential Information pertaining to the Engagement is deleted from my laptop after archiving all necessary information, data and files in accordance policies by GoG.
6. I agree that my obligation to maintain the confidentiality of the Confidential Information shall survive and continue to apply even after the termination of the Engagement and my employment with the Organization

Signature: _____

Dated: _____

Place: _____

Annexure-A : Survey Summary

VISWAS Phase-2 Survey Summary								
Sr. No.	District	City/Village Name	No of Junctions	Fixed	PTZ	ANPR	RLV D	Total No. of cameras
New Nagarpalika + New Junctions at Existing City								
1	Ahmedabad (Rural)	Dholka	42	117	35	12	0	164
2	Ahmedabad (Rural)	Viramgam	14	51	13	16	0	80
3	Amreli	Amreli	10	27	10	4	0	41
4	Amreli	Jafrabad	11	43	13	7	0	63
5	Amreli	Rajula	18	66	16	19	0	101
6	Amreli	Savarkundla	18	62	18	30	0	110
7	Anand	Borsad	18	55	16	32	0	103
8	Anand	Karamsad	20	58	16	19	0	93
9	Anand	Khambhat	29	101	31	19	0	151
10	Anand	Petlad	27	78	24	34	0	136
11	Arvalli	Modasa	6	16	9	20	0	45
12	Banaskantha	Ambaji	5	13	2	3	0	18
13	Banaskantha	Deesa	33	108	18	78	0	204
14	Banaskantha	Palanpur	30	86	17	45	0	148
15	Banaskantha	Tharad	19	59	9	49	0	117
16	Bharuch	Bharuch	11	38	9	11	0	58
17	Bharuch	Ankleshwar	22	63	16	46	0	125
18	Bhavnagar	Bhavnagar	41	162	48	0	0	210
19	Bhavnagar	Mahuva	26	90	34	29	0	153
20	Bhavnagar	Shiher	25	56	17	14	0	87
21	Botad	Botad	20	70	20	26	0	116
22	Dahod	Jhalod	18	40	16	19	0	75
23	Dang	Ahwa	9	21	6	12	0	39
24	Devbhumi Dwarka	Khambhalia	5	16	5	16	0	37
25	Devbhumi Dwarka	Dwarka Temple	3	7	3	6	0	16
26	Devbhumi Dwarka	Okha	21	54	22	18	0	94
27	Gandhinagar	Gandhinagar	24	89	17	112	0	218
28	Gandhinagar	Kalol	36	126	28	42	0	196
29	Gir-Somnath	Veraval-Patan	4	12	4	4	0	20
30	Gir-Somnath	Una	19	53	14	13	0	80
31	Jamnagar	Jamnagar	22	64	22	4	0	90
32	Jamnagar	Kalvad	12	35	12	16	0	63
33	Junagadh	Junagadh	34	90	34	13	0	137
34	Junagadh	Keshod	22	68	23	24	0	115
35	Junagadh	Mangrol	17	47	19	30	0	96
36	Kheda	Kheda	20	51	10	26	0	87
37	Kheda	Nadiad	14	41	9	14	0	64
38	Kheda	Dakor	1	2	0	2	0	4
39	Kutch (East)	Anjar	18	67	22	17	0	106
40	Kutch (East)	Gandhidham	4	13	4	4	0	21
41	Kutch (East)	Bhachau	6	22	9	22	0	53

42	Kutch (East)	Rapar	7	22	8	20	0	50
43	Kutch (West)	Bhuj	15	55	13	13	0	81
44	Kutch (West)	Mundra	12	36	12	39	0	87
45	Mahisagar	Lunawada	9	21	3	0	0	24
46	Mahisagar	Balasinor	13	30	13	10	0	53
47	Mehsana	Mehsana	29	58	21	23	0	102
48	Mehsana	Kadi	50	121	65	103	0	289
49	Mehsana	Unjha	22	41	29	25	0	95
50	Mehsana	Vadnagar	23	47	26	26	0	99
51	Mehsana	Visnagar	33	64	31	60	0	155
52	Morbi	Morbi	10	24	1	4	0	29
53	Morbi	Vankaner	19	61	9	14	0	84
54	Narmada	Rajpipla	15	28	16	6	0	50
55	Narmada	Kevadiya-SOU	21	38	23	14	0	75
56	Navsari	Bilimora	15	44	10	18	0	72
57	Navsari	Navsari-Vijalpor	14	35	10	16	0	61
58	Panchmahal	Godhra	9	23	8	10	0	41
59	Panchmahal	Halol	15	47	13	36	0	96
60	Panchmahal	Kalool	15	39	14	23	0	76
61	Patan	Patan	6	10	5	2	0	17
62	Patan	Radhanpur	20	53	15	31	0	99
63	Patan	Siddhpur	23	68	29	52	0	149
64	Porbandar	Porbandar	14	41	14	16	0	71
65	Rajkot (Rural)	Gondal	30	115	25	26	0	166
66	Rajkot (Rural)	Jetpur	45	156	14	31	0	201
67	Rajkot (Rural)	Dhoraji	38	126	10	16	0	152
68	Rajkot (Rural)	Upleta	27	88	8	12	0	108
69	Rajkot (Rural)	Shapar-Veraval	12	50	1	6	0	57
70	Rajkot (Rural)	Lodhika-Matoda	6	21	3	4	0	28
1	Rajkot City	Rajkot City	32	83	24	65	0	172
71	Sabarkantha	Himmatnagar	11	40	10	36	0	86
72	Sabarkantha	Khedbhamra	13	49	13	19	0	81
73	Sabarkantha	Idar	18	61	20	32	0	113
74	Surat (Rural)	Bardoli	19	56	22	60	0	138
75	Surat (Rural)	Kadodra	11	25	8	20	0	53
76	Surendranagar	Dhrangadhra	17	51	19	20	0	90
77	Surendranagar	Surendranagar-Wadhvan	30	63	29	18	0	110
78	Surendranagar	Limbdi	14	49	15	26	0	90
79	Tapi	Songadh	10	37	11	26	0	74
80	Vadodara (Rural)	Karjan	12	29	9	10	0	48
81	Vadodara (Rural)	Padra	10	23	8	21	0	52
82	Vadodara (Rural)	Dabhoi	17	51	15	17	0	83
83	Valsad	Valsad	7	16	6	12	0	34
84	Valsad	Vapi	19	41	18	28	0	87
85	Valsad	Umargam	4	16	4	6	0	26
86	Valsad	Paradi	8	21	9	9	0	39
New Nagarpalika + New Junctions at Existing City (Total-A)			1573	4610	1359	2008	0	7977

Existing Junctions at Existing City								
1	Arvali	Modasa	2	0	0	12	0	12
2	Banaskantha	Palanpur	4	3	3	3	0	9
3	Banaskantha	Ambaji	1	2	1	1	0	4
4	Botad	Botad	5	5	0	4	0	9
5	Chhotaudepur	Chhotaudepur	1	1	1	4	0	6
6	Dang	Ahwa	4	2	1	7	0	10
7	Devbhumi Dwarka	Khambhalia	1	0	0	4	0	4
8	Gandhinagar	Gandhinagar	7	7	4	23	0	34
9	Gir-Somnath	Veraval	3	0	3	0	0	3
10	Jamnagar	Jamnagar	48	8	44	4	0	56
11	Junagadh	Junagadh	5	5	1	12	0	18
12	Kheda	Nadiad	5	3	2	3	0	8
13	Kheda	Dakor	3	0	2	2	0	4
14	Kutch (West)	Bhuj	3	2	2	0	0	4
15	Mahisagar	Lunawada	3	1	2	2	0	5
16	Mehsana	Mehsana	9	16	3	39	0	58
17	Morbi	Morbi	2	2	1	4	0	7
18	Narmada	Rajpipla	3	3	2	0	0	5
19	Narmada	Kevadiya-SOU	4	3	2	0	0	3
20	Panchmahal	Godhra	1	0	1	0	0	1
21	Patan	Patan	4	0	2	8	0	10
22	Porbandar	Porbandar	1	1	0	2	0	3
23	Rajkot (Rural)	Rajkot (Rural)	3	4	2	0	0	6
24	Sabarkantha	Himmatnagar	16	31	8	4	0	43
25	Surendranagar	Surendranagar-Wadhvan	2	0	0	7	0	7
26	Valsad	Valsad	3	0	3	0	0	3
No. of Addl. Cameras At Existing Junctions (Total B)			143	99	90	145	0	334
Inter-State Entry Exit Points								
1	Arvali	Arvali	7	13	6	16	0	35
2	Banaskantha	Banaskantha	10	15	9	30	0	54
3	Chhotaudepur	Chhotaudepur	2	2	2	4	0	8
4	Dahod	Dahod	6	7	6	14	0	27
5	Dang	Dang	11	14	2	27	0	43
6	Gir-Somnath	Gir-Somnath	3	6	4	4	0	14
7	Mahisagar	Mahisagar	4	6	4	12	0	22
8	Narmada	Narmada	6	9	6	19	0	34
9	Navsari	Navsari	2	2	2	4	0	8
10	Sabarkantha	Sabarkantha	9	11	9	22	0	42
11	Tapi	Tapi	6	10	6	20	0	36
12	Valsad	Valsad	14	23	16	43	0	82
Inter-State Entry-Exit Points (Total C)			80	118	72	215	0	405
Grand Total (A+B+C)			1794	4827	1519	2368	0	8714

Cluster Details

Sr. No.	CLUSTER	Range	District	City/Village Name
1	I (ONE)	Gandhinagar	Arvalli	Modasa
2	I (ONE)	Gandhinagar	Gandhinagar	Gandhinagar
3	I (ONE)	Gandhinagar	Gandhinagar	Kalol
4	I (ONE)	Gandhinagar	Mehsana	Mehsana
5	I (ONE)	Gandhinagar	Mehsana	Kadi
6	I (ONE)	Gandhinagar	Mehsana	Unjha
7	I (ONE)	Gandhinagar	Mehsana	Vadnagar
8	I (ONE)	Gandhinagar	Mehsana	Visnagar
9	I (ONE)	Gandhinagar	Sabarkantha	Himmatnagar
10	I (ONE)	Gandhinagar	Sabarkantha	Khedbhamra
11	I (ONE)	Gandhinagar	Sabarkantha	Idar
12	I (ONE)	Bordar	Banaskantha	Ambaji
13	I (ONE)	Bordar	Banaskantha	Deesa
14	I (ONE)	Bordar	Banaskantha	Palanpur
15	I (ONE)	Bordar	Banaskantha	Tharad
16	I (ONE)	Bordar	Kutch (East)	Anjar
17	I (ONE)	Bordar	Kutch (East)	Gandhidham
18	I (ONE)	Bordar	Kutch (East)	Bhachau
19	I (ONE)	Bordar	Kutch (East)	Rapar
20	I (ONE)	Bordar	Kutch (West)	Bhuj
21	I (ONE)	Bordar	Kutch (West)	Mandvi
22	I (ONE)	Bordar	Patan	Patan
23	I (ONE)	Bordar	Patan	Radhanpur
24	I (ONE)	Bordar	Patan	Siddhpur
25	II (TWO)	Bhavnagar	Amreli	Amreli
26	II (TWO)	Bhavnagar	Amreli	Jafrabad
27	II (TWO)	Bhavnagar	Amreli	Rajula
28	II (TWO)	Bhavnagar	Amreli	Savarkundla
29	II (TWO)	Bhavnagar	Bhavnagar	Bhavnagar
30	II (TWO)	Bhavnagar	Bhavnagar	Mahuva
31	II (TWO)	Bhavnagar	Bhavnagar	Shiher
32	II (TWO)	Bhavnagar	Botad	Botad
33	II (TWO)	Junagadh	Gir-Somnath	Veraval-Patan
34	II (TWO)	Junagadh	Gir-Somnath	Una
35	II (TWO)	Junagadh	Junagadh	Junagadh
36	II (TWO)	Junagadh	Junagadh	Keshod
37	II (TWO)	Junagadh	Junagadh	Mangrol
38	II (TWO)	Junagadh	Porbandar	Porbandar
39	II (TWO)	Rajkot	Devbhumi Dwarka	Khambhalia
40	II (TWO)	Rajkot	Devbhumi Dwarka	Dwarka Temple
41	II (TWO)	Rajkot	Devbhumi Dwarka	Okha
42	II (TWO)	Rajkot	Jamnagar	Jamnagar
43	II (TWO)	Rajkot	Jamnagar	Kalvad
44	II (TWO)	Rajkot	Morbi	Morbi
45	II (TWO)	Rajkot	Morbi	Vankaner

46	II (TWO)	Rajkot	Rajkot (Rural)	Gondal
47	II (TWO)	Rajkot	Rajkot (Rural)	Jetpur
48	II (TWO)	Rajkot	Rajkot (Rural)	Dhotraji
49	II (TWO)	Rajkot	Rajkot (Rural)	Upleta
50	II (TWO)	Rajkot	Rajkot (Rural)	Shapar-Veraval
51	II (TWO)	Rajkot	Rajkot (Rural)	Lodhika-Matoda
52	II (TWO)	Rajkot	Surendranagar	Dhrangadhra
53	II (TWO)	Rajkot	Surendranagar	Surendranagar-Wadhvan
54	II (TWO)	Rajkot	Surendranagar	Limbdi
55	II (TWO)	Rajkot City	Rajkot City	Rajkot City
56	III (Three)	Ahmedabad	Ahmedabad (Rural)	Dholka
57	III (Three)	Ahmedabad	Ahmedabad (Rural)	Viramgam
58	III (Three)	Ahmedabad	Anand	Borsad
59	III (Three)	Ahmedabad	Anand	Karamsad
60	III (Three)	Ahmedabad	Anand	Khambhat
61	III (Three)	Ahmedabad	Anand	Petlad
62	III (Three)	Ahmedabad	Kheda	Kheda
63	III (Three)	Ahmedabad	Kheda	Nadiad
64	III (Three)	Ahmedabad	Kheda	Dakor
65	III (Three)	Godhra	Dahod	Jhalod
66	III (Three)	Godhra	Mahisagar	Lunawada
67	III (Three)	Godhra	Mahisagar	Balasinor
68	III (Three)	Godhra	Panchmahal	Godhra
69	III (Three)	Godhra	Panchmahal	Halol
70	III (Three)	Godhra	Panchmahal	Kalool
71	III (Three)	Surat	Dang	Ahwa
72	III (Three)	Surat	Navsari	Bilimora
73	III (Three)	Surat	Navsari	Navsari-Vijalpor
74	III (Three)	Surat	Surat (Rural)	Bardoli
75	III (Three)	Surat	Surat (Rural)	Kadodra
76	III (Three)	Surat	Tapi	Songadh
77	III (Three)	Surat	Valsad	Valsad
78	III (Three)	Surat	Valsad	Vapi
79	III (Three)	Surat	Valsad	Umargam
80	III (Three)	Surat	Valsad	Paradi
81	III (Three)	Vadodara	Bharuch	Bharuch
82	III (Three)	Vadodara	Bharuch	Ankleshwar
83	III (Three)	Vadodara	Narmada	Rajpipla
84	III (Three)	Vadodara	Narmada	Kevadiya-SOU
85	III (Three)	Vadodara	Vadodara (Rural)	Karjan
86	III (Three)	Vadodara	Vadodara (Rural)	Padra
87	III (Three)	Vadodara	Vadodara (Rural)	Dabhoi

Annexure-B: VISWAS Phase-I Existing Cameras

Sr	District Name	Junctions	FIXED	PTZ	ANPR	RLVD	DOME	Total
1	Ahmedabad (Rural)	25	77	29	10	0	10	126
2	Amreli	32	130	38	53	0	10	231
3	Anand	35	125	41	18	7	10	201
4	Arvalli (Modasa)	15	64	22	52	0	10	148
5	Banaskantha (Palanpur)	18	55	18	57	27	10	167
6	Ambaji	9	23	5	23	3	0	54
7	Bharuch	49	139	60	59	0	10	268
8	Bhavnagar	65	224	65	33	3	7	332
9	Palitana	23	64	15	13	0	0	102
10	Botad	14	45	16	26	0	0	87
11	Chhotaudepur	17	49	17	34	0	10	110
12	Dahod	40	121	40	36	6	10	213
13	Dang (Ahwa)	26	76	22	43	0	10	151
14	Devbhumi Dwarka Jamkhambhalia)	13	43	7	15	0	10	75
15	Dwarka Temple	8	15	13	4	0	0	32
16	Gandhinagar	15	66	27	75	0	10	178
17	Gir-somnath (Veraval)	34	99	33	19	0	10	161
18	Somnath Temple	4	16	3	0	0	0	29
19	Jamnagar	77	234	38	59	15	10	356
20	Junagadh	53	162	61	62	0	10	295
21	Kheda (Nadiad)	41	128	25	37	0	10	200
22	Dakor	30	98	9	17	0	0	124
23	Kutch-East (Gandhidham)	40	147	50	68	10	10	285
24	Kutch-West (Bhuj)	19	70	19	114	10	10	223
25	Mahisagar (Lunavada)	14	34	6	12	0	10	62
26	Mehsana	27	87	23	96	15	10	231
27	Morbi	39	96	12	12	0	10	130
28	Narmada (Rajpipla)	15	49	15	12	0	10	86
29	Kevadiya SOU	36	64	32	16	0	0	112
30	Navsari	24	77	24	21	0	10	132
31	Panchmahal (Godhra)	31	103	40	131	0	10	284
32	Pavagadh	6	17	4	0	0	0	21
33	Patan	48	169	57	50	0	10	286
34	Porbandar	34	122	36	35	8	10	211
35	Rajkot (Rural)	50	159	39	26	0	10	234
36	Sabarkantha (Himatnagar)	24	75	27	47	0	10	159
37	Surat (Rural)	12	34	12	30	0	10	86
38	Surendranagar	51	175	60	22	0	10	267
39	Tapi (Vyara)	28	94	30	66	0	10	200
40	Vadodara (Rural)	31	81	33	95	0	10	219
41	Valsad	20	63	15	44	0	10	132
42	TRINETRA	0	0	0	0	0	18	18
Total		1192	3769	1138	1642	104	355	7008

Annexure-C: Category wise Item details

Sr. No	Equipment		Location Categorization		
			TRINETRA	NETRAMs (34 Nos.)	Police Station/ Nagarpalika/Town (51 Nos.) + Rajkot city
1.	Managed L3 Switch	Min Throughput	-	10 Gbps	10 Gbps
		Required Port from Day 1	-	24 Port SFP+ open slot, loaded with 12 X10 G (Single-Mode SFP) and 12 X1 G	24 Port SFP+ open slot, loaded with 4 X10 G (Single-Mode SFP) + 20 X1 G
2.	Managed L2 Switch	Min Throughput	-	10 Gbps	-
		Required Port from Day 1	-	48 Port SFP+ open slot, loaded with 12 X 10G (Single-Mode SFP) + 36 X 1G	-
3.	Storage for Video Feeds	700 TB	-	05 Nos. (Total)	-
4.		1.5 PB	-	03 Nos. (Total)	-
5.	Workstations		-	-	01 Nos. @ each Police Station
6.	Online UPS		-	01 Nos. (10 KVA) @ each Netram	01 Nos. (1 KVA) @ each Police Station
7.	42 Network Rack		-	01 Nos. @ each Netram	-
8.	42 Server Rack		-	08 Nos. (Total)	-
9.	24 Network Rack		-	-	01 Nos. @ each Police Station
Above mentioned details are just indicative for reference of the bidder. The bidder needs to do proper site survey & Hardware/Software Sizing for successful delivery of the project.					

Annexure-D: District/State Control Rooms

Sr. No.	District/State	Address
1	Ahmedabad Rural	Command and Control Center, Office of the SP, Ahmedabad rural, SG Highway, makarba, Nr. Adani CNG gas pump, Nr. Dviya bhaskar press – 380055
2	Amreli	Command and Control Center, Office of the SP, Amreli, Chittal road, PHQ, Command control room, Amreli – 365601
3	Anand	Command and Control Center, Office of the SP, Anand, Nr. Borasad Chowkdi, Opp. Jilla Seva Sadan, Anand – 388001
4	Aravalli Modasa	Command and Control Center, New DSP Office, Nr. Jilla Seva Sadan Campus, Aravalli 383315
5	Banaskantha	Command and Control Center, Nr. Jilla Seva Sadan 2, Jhorawar Place, Palanpur -385001
6	Bharuch	Command and Control Center, Office of SP, Nr. Kali Talavdi, Bharuch – 392001
7	Bhavnagar	Command and Control Center, Office of SP, Navabara, Bhavnagar - 364001
8	Botad	Command and Control Center, Beside Collector Office, Khas Road, Police Parde Ground, Botad – 364710
9	Chotaudepur	Command and Control Center, New: Office of SP, Ghelvant Road, Ghelavnt, Chhotaudepur - 391165 Current Temporary: District Training Center, Khutaliya Pared Ground, Khutaliya, Chhota udaipur – 391165
10	Dahod	Command and Control Center, Besides DSP office, Near City Ground.Jail Road, Dahod – 389151
11	Dang	Command and Control Center, DSP office, Ahwa – 394710
12	Devbhumi Dwarka	Command and Control Center, Office of SP, Lalpur-dharmapur road, jamkhambhadiya, Devbhumi Dwarka -361305
13	Gandhinagar	Command and Control Center, DSP Office, Rd Number 7, Sector 27, Gandhinagar – 382028
14	Gir Somnath	Command and Control Center, New: Office of SP, Gir Somnath, At Inaj, Veraval Talala Road, Veraval - 362265 Current Temporary: Office of SP, Nagar Palika Building, Nr. Nagarpalika Garden, Rajendra Bhavan Road, Veraval (Gir Somnath) – 362268
15	Jamnagar	Command and Control Center, Office of SP, Nr. CTB Police Station, Opp. Ayurvedic University, Gurudhwara Chowkdi – 361001
16	Junagadh	Command and Control Center, Office of SP, Nr. Shashikunj, Behind Sardar Baug, Collector Office Compound, Junagadh – 362001
17	Kheda Nadiad	Command and Control Center, Nadiad rural(taluka) police station Compound, Nr. DySP office, Moti Shak market, Nadiad- 387001
18	Kutch East(Gandhidham)	Command and Control Center, Office of SP Compound, Nr. Ravindranath Tagor Road, DC - 5,Kutch East Gandhidham – 370205
19	Kutch West(Bhuj)	Command and Control Center, Office of SP, Nr. Jubeli Ground, Opp Traffic Police Station, Bhuj – 370001

20	Lunawada	Command and Control Center, New: Office of SP, Nr. Collector Office, Lunavada, Mahisagar - 389230 Current Temporary: Police Training Center, New Police Pared Ground, Nr. Sercit House, Santrampur Road, Lunavada, Mahisagar – 389230
21	Mehsana	Command and Control Center, Office of SP, Rajmahal Road, PHQ, Mehsana – 384001
22	Morbi	Command and Control Center, Office of SP, Sobheshwar Road, Nr. Collector Office, Morbi2 – 363641
23	Narmada	Command and Control Center, DSP Office, Rajpipla MG Road, Beside Collector Office, Rajpipla, Narmada -393145
24	Navsari	Command and Control Center, Office of SP, Nr. Lunsikui Rd, Kaliawadi, Navsari, Gujarat – 396445
25	Panchmahal	Command and Control Center, Office of SP, Nr. BSNL Office, Godhra – 389001
26	Patan	Command and Control Center, Office of SP, Nr. Navjivan Circle, Patan – 384265
27	Porbandar	Command and Control Center, DSP Office, Wadiya Road, Nr. New Fountain, Porbandar – 360575
28	Rajkot Rural	Command and Control Center, Office of SP, Nr. Jilla Panchayal Chowk, Opp. Girnar Cinema, Rajkot – 360001
29	Sabarkantha	Command and Control Center, DSP Office, Nr. District Jail, Sabarkantha – 383001
30	Surat rural	Command and Control Center, 3rd floor, Office of IGP, Athwa Gate, Beside Ichhanath Mahadev Mandir, Surat – 395001
31	Surendranagar	Command and Control Center, Office of SP, PHQ, Nr. Jawahar Prade Ground, Surendranagar – 363001
32	Tapi	Command and Control Center, Office of SP, Block no 15, Jilla Seva Sadan, Panvadi, Tapi – 394650
33	Vadodara Rural	Command and Control Center, Chhani PHQ, Behind Narmada Colony, Chhani Jakaat Naka, Vadodara – 390002
34	Valsad	Command and Control Center, DSP Office, Behind City Police Station, Tithal Road, Valsad – 396001
35	Gandhinagar SCR	State Command and Control Center, (TRINERA) Police Bhavan Campus, Sector-18, Gandhinagar- 382007, Gujarat

Annexure-E: Guideline for Underground Cabling

The RoW (Right of Way) for the digging and laying of underground cables for last mile connectivity and foundations must be obtained by the successful bidder at its own cost, however the Tenderer shall help in obtaining such permissions. The Tenderer will reimburse the RoW charges to the successful bidder on submission of the actual receipts of the such charges paid.

The successful bidder must follow below mentioned guidelines along with RoW Guidelines:

1. Normally depth of the trench should 1.65 m in normal & mix soil and 1.2m in hard soil OR as per the Local Bodies Permission i.e. Nagarpalika/R&B/Municipality.
2. Any damage caused to the Road/Property of Government of Gujarat while executing the job shall be solely a Successful bidder's responsibility.
3. While performing the job, in case any damage to the property of Government/Non-Government department is caused, the same will be recovered from the Successful bidder.
4. The successful bidder must perform cable laying job such that Road traffic should not be affected.
5. The successful bidder must arrange proper barricades while performing the job.
6. The successful bidder has to ensure that on completion of work, site has to be restored to its original condition as per rules / provisions of respective local bodies/authorities. The cost for such activities has to borne by the bidder.
7. The successful bidder should take no objection certificate if require from Governments/Non-Government departments.

Annexure-F: Proposed camera count of VISWAS Phase-II:

Sr No.	City/District	No. of City/District	No. of Junctions/Checkpost	No. of CCTV Cameras				
				Fix	PTZ	ANPR	RLVD	Total
1	New Nagarpalika	51	1051	3134	921	1419	0	5474
2	Existing City Existing Junctions	26	141	99	90	145	0	334
3	Existing City New Junctions	35	490	1393	414	524	0	2331
4	Rajkot City	1	32	83	24	65	0	172
	Total-A		1714	4709	1447	2153	0	8309
Inter-state Entry-Exit Points								
Sr No.	City/District	No. of City/District	No. of Junctions/Checkpost	No. of CCTV Cameras				
				Fix	PTZ	ANPR	RLVD	Total
5	Inter-state Entry Exit Points	12	80	118	72	215	0	405
	Total-C		80	118	72	215	0	405
Grand Total			1794	4827	1519	2368	0	8714

Cities covered in VISWAS Phase-II

Sr. No.	District	City/Village Name	Sr. No.	District	City/Village Name
1	Ahmedabad (Rural)	Dholka	27	Mahisagar	Balasinor
2	Ahmedabad (Rural)	Viramgam	28	Mehsana	Kadi
3	Amreli	Jafrabad	29	Mehsana	Unjha
4	Amreli	Rajula	30	Mehsana	Vadnagar
5	Amreli	Savarkundla	31	Mehsana	Visnagar
6	Anand	Borsad	32	Morbi	Vankaner
7	Anand	Karamsad	33	Navsari	Bilimora
8	Anand	Khambhat	34	Panchmahal	Halol
9	Anand	Petlad	35	Panchmahal	Kalool
10	Banaskantha	Deesa	36	Patan	Radhanpur
11	Banaskantha	Tharad	37	Patan	Siddhpur
12	Bharuch	Ankleshwar	38	Rajkot (Rural)	Gondal
13	Bhavnagar	Mahuva	39	Rajkot (Rural)	Jetpur
14	Bhavnagar	Shihor	40	Rajkot (Rural)	Dhoraji
15	Dahod	Jhalod	41	Rajkot (Rural)	Upleta
16	Devbhumi Dwarka	Okha	42	Rajkot (Rural)	Rajkot City
17	Gandhinagar	Kalol	43	Sabarkantha	Khedbhamra
18	Gir-Somnath	Una	44	Sabarkantha	Idar
19	Jamnagar	Kalvad	45	Surat (Rural)	Bardoli
20	Junagadh	Keshod	46	Surat (Rural)	Kadodra
21	Junagadh	Mangrol	47	Surendranagar	Dhrangadhra
22	Kheda	Kheda	48	Surendranagar	Limbdi
23	Kutch (East)	Anjar	49	Tapi	Songadh
24	Kutch (East)	Bhachau	50	Valsad	Vapi

25	Kutch (East)	Rapar	51	Valsad	Umargam
26	Kutch (West)	Mundra	52	Valsad	Paradi

Interstate Entry-Exit Points Covered in VISWAS Phase-II

Sr No	District	Interstate Entry-Exit Points
1	Arvalli	7
2	Banaskantha	10
3	Chhotaudepur	2
4	Dahod	6
5	Dang	11
6	Gir-Somnath	3
7	Mahisagar	4
8	Narmada	6
9	Navsari	2
10	Sabarkantha	9
11	Tapi	6
12	Valsad	14

Annexure-G: Existing Equipment details of VISWAS Phase-I

Sl. No	ITEM	Make & Model
A) Central Infrastructure: For State Center		
1	Video Wall: 55", in a 6 X 3 arrangement (with Controller)	Christe - FHD-553
2	Online UPS -30 KVA	Orion Croma Ex Series 30KVA
3	Access Control System	Smart SMNG 440
4	Storage- (For Applications for State Centre); Capacity- 10 TB)	Huawei Oceanstor 2600 V3
5	Storage- (For Video feeds; 1PB)	Huawei Oceanstor 2600 V3
6	Enterprise Management System	HPE Network node Suite
7	Workstations (3 monitors) for Live and Playback	HP Z240 & Firsttouch
8	Desktop PC's	HP 285 G pro2
9	Indoor Fixed Dome Cameras	Huawei IPC6325
10	Router	Cisco - ASR-903
11	L3 Switch	Cisco WS-C3850-24XS-E
12	L2 Switch	Cisco WS-C3850-48XS-F-S
13	Firewall	Fortinet - FG-1200D
14	Intrusion Prevention system (IPS)	Fortinet - FG-1500D
15	Network Access Control -NAC	Cisco SNS 3595 K9
16	Web Application Firewall	Fortinet - FWB-600D
17	42U Network Rack	Valrack Moducab
18	42U Server Rack	Valrack Moducab
19	Central Antivirus Software	Trend Micro Enterprise Security
20	Blade Server	Cisco B200M-5
21	Blade chassis compatible with the proposed blade server	Cisco 5108
22	Video Management System	Videonetics
23	VMS License bank for Camera	Videonetics
23.a	VMS Hardware (Servers)	Cisco UCSC-C220-M5SX
24	VMS Workstation License bank	Videonetics
25	Mobile Application for remote Viewing of Video Feeds	Videonetics
26	Video Analytic System	Videonetics
27	Vehicle Tracking System	Videonetics
28	E-challan system	Videonetics
29	Automatic Number Plate Recognition System	Videonetics
29.a	ANPR/RLVD Hardware (Servers)	Cisco UCSC-C240-M5SX
30	Red Light Violation Detection System	Videonetics
31	PTZ Joystick	Huawei NKB3000

32	Additional LED Display	LG 55SM5KC
33	Network Laser Printer	HP M452
34	Server Load Balancer	Array AVX 7600
35	RDBMS Licenses	MS SQL
B) Central Infrastructure: For City Control Centre		
36	Video Wall: 55", in a 4 X 3 arrangement (with Controller)	Christe - FHD-553
37	Online UPS 20 KVA	Orion Croma Ex Series 20 KVA
38	Storage- (For Applications for City Control Center - 05 TB)	Huawei Oceanstor 2600 V3
39	Storage (for Video feeds) Type 1- 700 TB	Huawei Oceanstor 2600 V3
40	Storage (for Video feeds) Type 2- 1.5 PB	Huawei Oceanstor 2600 V3
41	Access Control System	Smart SMNG 440
42	Workstations (3 monitors) for Live and Playback	HP Z240, Palas
43	Desktop PC's	HP 285 G pro2
44	Router	Cisco - ASR-903
45	L3 Switch	Cisco WS-C3850-24XS-E
46	L2 Switch	Cisco WS-C3850-48XS-F-S
47	UTM	Fortinet - FG-600D
48	Indoor Fixed Dome Cameras	Huawei IPC6325
49	42U Network Rack	Valrack Moducab
50	42U Server Rack	Valrack Moducab
51	PTZ Joystick	Huawei NKB3000
52	Network Laser Printer	HP M452
53	Additional LED Display	LG 55SM5KC
54	Video Decoder for Additional viewing stations	Huawei DEC6108
C) Site Infrastructure: End Point Items		
55	Junction Box, with adjustable mounting trays	Savitri
56	Poles including mounting/installation	local
57	Gantry including mounting/ installation	local
58	IP Camera Type A: ANPR and Speed Detection	Huawei IPC6125/WDL-P
59	IP Camera Type A: with 8MP for RLVD	Videonetic IP9191-HP
60	IP Camera Type B: Surveillance	Huawei IPC6125/WDL-P
61	IP Camera Type C: PTZ	Huawei 6625-Z30
62	8 Port Managed Outdoor L2 Switch with Fiber Port	Dlink F200
63	8 Port Managed Outdoor L2 Switch	Dlink F200
64	CCTV: Sign Board for location under surveillance	local
65	LIU (6 core for SC, FC, ST, & LC)	Dlink
66	Automatic Voltage Stabilizer	ORION Agis
67	Surge Protection Power Strip	ORION Agis

Cluster-1 Cameras Survey												
Cluster-1 Phase-2 New Locations												
Sr. No.	Cluster	Details	District	City Name	Junction Name	Let	Long	Type of Cameras				
								Fixed	PTZ	ANPR	RLVD	Total
1	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	DEEPAK HOTEL	24.258452	72.1905	5	1	7	0	13
2	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	AIRPORT 3 Rasta	24.259512	72.192456	2	1	1	0	4
3	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	JALARAM BUS STAND	24.262646	72.186218	4	2	8	0	14
4	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	PINK CITY RANPUR ROAD	24.26952	72.1956	2	0	2	0	4
5	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	DHUDIYA COT	24.272998	72.192	2	0	2	0	4
6	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	GAYATRI TEMPLE	24.265202	72.183113	3	1	0	0	4
7	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	RELIANCE PETROL PUMP	24.272532	72.178393	3	0	3	0	6
8	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	INDIAN OIL PETROL PUMP NEAR RIVER	24.273547	72.176462	3	0	5	0	8
9	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	SHIVNAGAR CHAR RASTA	24.265914	72.177315	4	0	0	0	4
10	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	SPORT CLUB	24.26331	72.179743	3	1	3	0	7
11	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	DIAMOND SOCIETY NEAR KHERAJ KIRI HOSPITAL	24.267749	72.182741	2	0	0	0	2
12	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	SARDAR PATEL GARDEN	24.256924	72.182011	5	1	0	0	6
13	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	FUVARA CIRCLE	24.256806	72.177851	4	1	0	0	5
14	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	DENA BANK CHOWK	24.256335	72.176279	3	1	3	0	7
15	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	SADAR BAJAR	24.256812	72.173752	4	0	4	0	8
16	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	VADI ROAD	24.259409	72.175026	4	0	0	0	4
17	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	OLD POLICE LINE (New)	24.253106	72.173815	1	0	2	0	3
18	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	TIN BATTI CHOWK	24.250689	72.173	3	1	3	0	7
19	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	RAJPUR CHAR RASTA	24.245941	72.166737	4	0	4	0	8
20	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	HUSAINI CHOWK	20.8658093	71.3657521	3	1	0	0	4
21	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	JUNA DEESA FATAK NEAR JULIYAN CNG PUMP	24.236831	72.172266	2	0	2	0	4
22	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	AMBEDKAR SOCIETY NAKA	24.239797	72.173146	4	0	0	0	4
23	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	BHOPANAGAR CIRCLE	24.238974	72.185107	4	2	4	0	10
24	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	G.I.D.C. FATAK	24.238974	72.185107	2	0	2	0	4
25	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	AGRAVAL HIGH SCHOOL	24.248366	72.180759	3	0	0	0	3
26	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	S.C.W. CIRCLE	24.25242	72.179841	5	1	0	0	6
27	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	COLLEGE CHOWK	24.25451	72.186314	4	0	0	0	4
28	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	KACHCHHI COLONY	24.252502	72.190559	4	0	4	0	8
29	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	AMBIKA CHOWK	24.251485	72.185521	3	1	0	0	4
30	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	S.V. PLAZA	24.246748	72.192561	4	0	4	0	8
31	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	RAJ MANDIR ENTER CITY	24.248791	72.199307	2	0	4	0	6
32	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	AKHOL CHAR RASTA	24.284132	72.1545	5	2	7	0	14
33	Cluster-1	Phase-2 New City Locations	Banaskantha	Deesa	DEESA BHILDI OUT BRIDGE	24.281237	72.151332	2	1	4	0	7
34	Cluster-1	Phase-2 New City Locations	Banaskantha	Tharad	THARAD CIRCLE	24.384261	71.632975	4	2	8	0	14
35	Cluster-1	Phase-2 New City Locations	Banaskantha	Tharad	COLLEGE PICK UP STAND	24.368242	71.629885	2	1	2	0	5
36	Cluster-1	Phase-2 New City Locations	Banaskantha	Tharad	HELIPED	24.37558	71.660538	3	1	3	0	7
37	Cluster-1	Phase-2 New City Locations	Banaskantha	Tharad	PAVAD ROAD	24.383433	71.636114	3	0	1	0	4
38	Cluster-1	Phase-2 New City Locations	Banaskantha	Tharad	JUNA RTO	24.390283	71.635383	2	0	2	0	4
39	Cluster-1	Phase-2 New City Locations	Banaskantha	Tharad	DHANERA CIRCLE	24.397989	71.638575	3	0	3	0	6
40	Cluster-1	Phase-2 New City Locations	Banaskantha	Tharad	PANI NI TANKI SANCHOR HIGHWAY	24.405768	71.641966	3	0	5	0	8
41	Cluster-1	Phase-2 New City Locations	Banaskantha	Tharad	NARANDEVI TEMPLE	24.403819	71.63237	4	0	0	0	4
42	Cluster-1	Phase-2 New City Locations	Banaskantha	Tharad	DOLATPAR CIRCLE	24.405144	71.628665	4	0	4	0	8
43	Cluster-1	Phase-2 New City Locations	Banaskantha	Tharad	MAHAJANPURA CHOWKDI	24.40366	71.623502	4	0	4	0	8
44	Cluster-1	Phase-2 New City Locations	Banaskantha	Tharad	SHIVNAGAR 3 RASTA	24.404184	71.61801	2	0	2	0	4
45	Cluster-1	Phase-2 New City Locations	Banaskantha	Tharad	SHIVNAGAR 3 RASTA NEAR CANAL	24.393595	71.612768	4	0	4	0	8

46	Cluster-1	Phase-2 New City Locations	Banaskantha	Tharad	VAV ROAD CANAL	24.383737	71.614053	3	0	5	0	8
47	Cluster-1	Phase-2 New City Locations	Banaskantha	Tharad	REFRREL CIRCLE	24.385912	71.625108	3	1	6	0	10
48	Cluster-1	Phase-2 New City Locations	Banaskantha	Tharad	BUS STATION	24.390686	71.6291	3	1	0	0	4
49	Cluster-1	Phase-2 New City Locations	Banaskantha	Tharad	HANUMAN CIRCLE	24.390802	71.628143	3	1	0	0	4
50	Cluster-1	Phase-2 New City Locations	Banaskantha	Tharad	TODA NI PAD SONI BAJAR	24.393684	71.628542	3	0	0	0	3
51	Cluster-1	Phase-2 New City Locations	Banaskantha	Tharad	MOTA JAIN DERASAR	24.398111	71.628044	3	1	0	0	4
52	Cluster-1	Phase-2 New City Locations	Banaskantha	Tharad	CHAMUNDANAGAR 3 RASTA	24.393263	71.626074	3	1	0	0	4
53	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Gurukul cut highway	23.224075	72.50933	5	1	4	0	10
54	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Palsana Three rasta	23.222004	72.505892	3	0	2	0	5
55	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	SBI three rasta	23.228579	72.491464	4	0	0	0	4
56	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Hanuman mandir -panchvati	23.232386	72.494166	9	1	0	0	10
57	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Shreeji Parler highway	23.237141	72.493893	3	0	0	0	3
58	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	R.K.shah Medical three rasta	23.233002	72.500068	3	0	0	0	3
59	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Ambedkar Bridge Highway, J.P gate entry point	22.997255	72.562827	4	1	4	0	9
60	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Sudrsan char rasta	23.234011	72.482848	4	1	0	0	5
61	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Rajdhani Tenament char rasta -Borisana -Khatraj road	23.235623	72.480202	4	0	2	0	6
62	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Borisana Garnala Highway	23.240955	72.488069	6	1	4	0	11
63	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Shivalay Tenament char rasta-Piyaj road	23.241834	72.478068	4	1	2	0	7
64	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Gayatri mandir highway cut-piyaj road	23.246078	72.486159	2	0	0	0	2
65	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Satsang Residency char rasta (K.I.R.C road)	23.255301	72.481072	2	0	2	0	4
66	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Sukun Avenue char rasta	23.253327	72.483642	3	1	0	0	4
67	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Janpath petrol pamp	23.255987	72.480567	4	1	4	0	9
68	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Sindbad Three rasta	23.252467	72.485045	3	1	2	0	6
69	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Pansar Three Rasta	23.250438	72.4925	3	1	2	0	6
70	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Matava kuva bridge Utarata(swad hotel)	23.250017	72.495007	5	2	2	0	9
71	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Terasa para char Rasta	23.265748	72.514636	4	0	8	0	12
72	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Three-angadi circle	23.239778	72.501016	4	1	0	0	5
73	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Kalol Nagrik Bank-Vakhariya char rasta	23.239503	72.496914	4	1	0	0	5
74	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Kobra circle	23.239256	72.492844	3	0	0	0	3
75	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Khuni Bangalaa char rasta	23.242651	72.499383	4	1	0	0	5
76	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Gaay no tekaro (cow circle)	23.245841	72.491415	4	0	0	0	4
77	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	N.K chowk	23.243534	72.496542	3	1	0	0	4
78	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Tower chowk	20.8669423	71.3665246	5	1	0	0	6
79	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Ganjivaas na nake	23.248852	72.497496	3	1	0	0	4
80	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Railway station	23.243266	72.502775	3	1	0	0	4
81	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	ST bus stand	21.3297938	71.3112247	2	1	0	0	3
82	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	City Mall	23.241181	72.502274	0	4	0	0	4
83	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Khetivadi uttpan bajar samiti	23.219702	72.727459	3	1	0	0	4
84	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Mathuresh society char rasta	23.249435	72.506472	4	1	0	0	5
85	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Nat-nagar (railway purva-kalol)	23.24678	72.504781	3	1	0	0	4
86	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Aarsodiya three rasta Baypass to Gandhinagar vavol	23.246169	72.512401	2	0	2	0	4
87	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Lavali chowk	23.241085	72.506794	3	1	0	0	4
88	Cluster-1	Phase-2 New City Locations	Gandhinagar	Kalol	Morarji nagar baypass to Motibhoyan to Gandhinagar	23.239757	72.516045	1	0	2	0	3
89	Cluster-1	Phase-2 New City Locations	Kutch-East	Anjar	Aashaba Cross Road	23 05' 36"	70 02' 16"	3	1	3	0	7
90	Cluster-1	Phase-2 New City Locations	Kutch-East	Anjar	Chitrakut Circle	23 06' 07"	70 02' 01"	4	2	0	0	6
91	Cluster-1	Phase-2 New City Locations	Kutch-East	Anjar	Paras Complex Cross Road	23 06' 06"	70 01' 36"	4	1	0	0	5
92	Cluster-1	Phase-2 New City Locations	Kutch-East	Anjar	Yogeshwar Cross Road	23 06' 41"	70 01' 03"	4	1	0	0	5
93	Cluster-1	Phase-2 New City Locations	Kutch-East	Anjar	Kalash Circle	23 07' 23"	70 01' 19"	4	2	8	0	14
94	Cluster-1	Phase-2 New City Locations	Kutch-East	Anjar	Dabda Cross Road	23 07' 24"	70 01' 19"	4	1	0	0	5

95	Cluster-1	Phase-2 New City Locations	Kutch-East	Anjar	Satapar Tri Road	23 07' 48"	70 01' 53"	3	1	3	0	7
96	Cluster-1	Phase-2 New City Locations	Kutch-East	Anjar	APMC Tri Road	23 07' 02"	70 02' 30"	3	1	3	0	7
97	Cluster-1	Phase-2 New City Locations	Kutch-East	Anjar	Ektanagar Turning	23 06' 36"	70 02' 26"	3	1	0	0	4
98	Cluster-1	Phase-2 New City Locations	Kutch-East	Anjar	Gayatri Cross Road	23 10' 69"	70 03' 73"	4	2	0	0	6
99	Cluster-1	Phase-2 New City Locations	Kutch-East	Anjar	Mamlatdar Circle	23 06' 33"	70 01' 58"	3	1	0	0	4
100	Cluster-1	Phase-2 New City Locations	Kutch-East	Anjar	Bus Station Circle - Anjar	23 06' 33"	70 01' 58"	4	1	0	0	5
101	Cluster-1	Phase-2 New City Locations	Kutch-East	Anjar	Town Hall Circle	23 11' 10"	70 03' 02"	4	1	0	0	5
102	Cluster-1	Phase-2 New City Locations	Kutch-East	Anjar	Ganga Naka	23 06' 59"	70 01' 41"	4	1	0	0	5
103	Cluster-1	Phase-2 New City Locations	Kutch-East	Anjar	Savaser Naka	23 11' 18"	70 02' 33"	4	1	0	0	5
104	Cluster-1	Phase-2 New City Locations	Kutch-East	Anjar	Custom Chowk	23 11' 35"	70 02' 78"	4	1	0	0	5
105	Cluster-1	Phase-2 New City Locations	Kutch-East	Anjar	Hotel Guddi Circle	23 06' 35"	70 01' 44"	4	2	0	0	6
106	Cluster-1	Phase-2 New City Locations	Kutch-East	Anjar	Clock Tower Circle	23 10' 94"	70 02' 98"	4	1	0	0	5
107	Cluster-1	Phase-2 New City Locations	Kutch-East	Bhachau	Custom Circle	23 17' 36"	70 20' 54"	4	2	8	0	14
108	Cluster-1	Phase-2 New City Locations	Kutch-East	Bhachau	GEB Circle	23 18' 03"	70 20' 59"	4	2	0	0	6
109	Cluster-1	Phase-2 New City Locations	Kutch-East	Bhachau	Bhavanipur Nala Tri Road	23 17' 39"	70 20' 03"	3	1	3	0	7
110	Cluster-1	Phase-2 New City Locations	Kutch-East	Bhachau	Vondh Naka	23 29' 98"	70 34' 32"	3	1	3	0	7
111	Cluster-1	Phase-2 New City Locations	Kutch-East	Bhachau	Veer Savarkar Chowk	23 29' 51"	70 34' 20"	4	1	0	0	5
112	Cluster-1	Phase-2 New City Locations	Kutch-East	Bhachau	Batiya Cross Road	23 29' 33"	70 34' 02"	4	2	8	0	14
113	Cluster-1	Phase-2 New City Locations	Kutch-East	Rapar	Vishram Gruh	23 33' 34"	70 38' 52"	3	1	3	0	7
114	Cluster-1	Phase-2 New City Locations	Kutch-East	Rapar	Dabhunda Tri Road	23 33' 57"	70 39' 09"	3	1	0	0	4
115	Cluster-1	Phase-2 New City Locations	Kutch-East	Rapar	Pragpar Cross Road	23 34' 40"	70 39' 15"	4	2	8	0	14
116	Cluster-1	Phase-2 New City Locations	Kutch-East	Rapar	Trambo Tri Road	23 34' 50"	70 38' 45"	3	1	6	0	10
117	Cluster-1	Phase-2 New City Locations	Kutch-East	Rapar	Salari Naka Cross Road	23 34' 24"	70 38' 50"	3	1	0	0	4
118	Cluster-1	Phase-2 New City Locations	Kutch-East	Rapar	Dena Bank Tri Road	23 34' 15"	70 38' 54"	3	1	0	0	4
119	Cluster-1	Phase-2 New City Locations	Kutch-East	Rapar	Aathamna Naka	23 34' 20"	70 38' 32"	3	1	3	0	7
120	Cluster-1	Phase-2 New City Locations	Kutch-West	Mundra	PragparChowkdiBypassTowardAdani Port	22.896719	69.694499	3	1	6	0	10
121	Cluster-1	Phase-2 New City Locations	Kutch-West	Mundra	PragparChowkdi	22.896939	69.697048	2	1	4	0	7
122	Cluster-1	Phase-2 New City Locations	Kutch-West	Mundra	PawapuriChar Rasta	22.850359	69.732395	4	1	2	0	7
123	Cluster-1	Phase-2 New City Locations	Kutch-West	Mundra	Raymondshowroom/Baroi to MundraBus Stand	22.841287	69.731594	2	1	0	0	3
124	Cluster-1	Phase-2 New City Locations	Kutch-West	Mundra	Baroi GramPanchayatTri road(Entry-Exit)	22.844193	69.739112	2	1	3	0	6
125	Cluster-1	Phase-2 New City Locations	Kutch-West	Mundra	Arnath DhamTempleNationalHighway	22.900617	69.705711	3	1	4	0	8
126	Cluster-1	Phase-2 New City Locations	Kutch-West	Mundra	Shastri Medan	22.834201	69.722258	3	1	0	0	4
127	Cluster-1	Phase-2 New City Locations	Kutch-West	Mundra	Bus Station	22.839644	69.724035	4	1	0	0	5
128	Cluster-1	Phase-2 New City Locations	Kutch-West	Mundra	Shakti NagarTri Road	22.840367	69.707989	3	1	6	0	10
129	Cluster-1	Phase-2 New City Locations	Kutch-West	Mundra	Adarsh TowerTri Road	22.842823	69.723732	3	1	0	0	4
130	Cluster-1	Phase-2 New City Locations	Kutch-West	Mundra	Zero Point	22.837346	69.695378	3	1	6	0	10
131	Cluster-1	Phase-2 New City Locations	Kutch-West	Mundra	Rasapir Circle	22.836165	69.68762	4	1	8	0	13
132	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Ankhol Bus Stand(Chhatral Road)	23.28092028	72.4081037	4	1	8	0	13
133	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Karannagar Village Gate (Chhatral Road)	23.28340833	72.38317049	2	1	2	0	5
134	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Irana Patiya	23.28364044	72.37824499	1	1	2	0	4
135	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Near Gopal Glass (Chhatral Road)	23.28556984	72.36966378	1	0	2	0	3
136	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Shera Tambu Choacky Cross	23.29099472	72.35655616	4	2	8	0	14
137	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	New Seva Sadan Cross Road (Under Bridge)	23.28489562	72.35325992	3	2	4	0	9
138	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	New Seva Sadan Cross Road	23.284956	72.352879	3	1	6	0	10
139	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Karan Nagar Fatak	23.28893929	72.3469268	0	2	0	0	2
140	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Panjarapol Cross Road	23.2953872	72.34711968	4	0	0	0	4
141	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Highway Tri Road	23.299261	72.33863294	4	2	0	0	6
142	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Kundal Patiya Cross Road	23.356914	72.33802593	4	1	7	0	12
143	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Aldeshan Cross Road (Jay Bhole Hotel)	23.32827184	72.35495398	4	1	8	0	13

144	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Jasalpur Tri Road	23.30569444	72.33332963	3	1	2	0	6
145	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	old Munsaf Coart	23.30487948	72.33127992	3	1	0	0	4
146	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Ghumatiya	23.30487948	72.33127992	3	2	0	0	5
147	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Panch Limdi (Char Maliya)	23.30786754	72.32709524	3	2	0	0	5
148	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Andudara Canal Road	23.3294428	72.3171078	6	2	8	0	16
149	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Mayan Canal Raod	23.30831036	72.32497814	2	2	4	0	8
150	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Adarsh School Tri Road (Akhado)	N/A	N/A	3	1	3	0	7
151	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Bahuchar Temple (Detroj Road)	23.30096865	72.32489018	4	1	0	0	5
152	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Dhoriya Check Post	23.31424143	72.22880291	4	0	6	0	10
153	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Sujatpura Channal Canal Road	23.28705726	72.3037039	2	0	4	0	6
154	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Bapa Sitaram Madhuli (Vidaj Road)	23.26904005	72.31348495	2	0	4	0	6
155	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Nani Kadi Canal Road	23.2676921	72.32284048	2	0	4	0	6
156	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Pirajpur Tambu Choky (Canal-Thol Road)	23.27077738	72.34578912	2	0	4	0	6
157	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Karannagar Fatak Bridge	23.26324765	72.38055137	2	0	4	0	6
158	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Melaadraj 5 -Junctions	23.2054	72.3607	2	1	2	0	5
159	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Vamaj Bridge (Karannagar)	23.26110331	72.38715705	6	2	8	0	16
160	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Dashama Temple Thol Road (Sukh-Shanti-Samruddhi Residency)	23.28026897	72.34090707	3	1	0	0	4
161	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Thol Road Under Bridge (Maruti Koto)	23.28863695	72.33721186	4	2	0	0	6
162	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Dali Circle	23.28841699	72.33224263	3	2	3	0	8
163	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Vadwala Hanuman	23.29188247	72.33258793	0	2	0	0	2
164	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Bhagyodaya Hospital Circle	23.29424629	72.32766057	4	1	0	0	5
165	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Sujatpura Fatak	23.2928251	72.3227659	3	1	0	0	4
166	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Sefali Circle	23.29824092	72.32807788	4	2	0	0	6
167	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Gandhichok	23.774079	72.33069571	0	3	0	0	3
168	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Manipur	23.29925954	72.33062977	0	1	0	0	1
169	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Tinbatti	23.30162399	72.33112948	0	3	0	0	3
170	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Rumahajan Hospital	23.30313211	72.7233161	0	2	0	0	2
171	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Kalol Darwaja	23.30090363	72.33355048	0	2	0	0	2
172	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Bhavpura	23.29697235	72.33324393	0	2	0	0	2
173	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Patel Bhavan	23.29627305	72.32928291	1	2	0	0	3
174	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Malharpur Chok	23.30441722	72.32681111	2	1	0	0	3
175	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Champaba Hall (Bhimnath Talav)	23.9229916	72.74331893	0	2	0	0	2
176	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Chabutara Chok (Rahmani Hospital)	23.30244982	72.32926021	2	2	0	0	4
177	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Pirboradi	23.300035	72.33112546	3	1	0	0	4
178	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	New Civil Hospital	23.30316833	72.34199609	0	2	0	0	2
179	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Kamal Circle	23.29480662	72.3598537	4	1	0	0	5
180	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	Sangam Hotel (School-2) Malharpura	23.30294749	72.32785213	2	0	0	0	2
181	Cluster-1	Phase-2 New City Locations	Mehsana	Kadi	City Centre-2	23.29075074	72.33638076	3	1	0	0	4
182	Cluster-1	Phase-2 New City Locations	Mehsana	Unjha	Bharanagar Nala	23.8086375	72.38019622	1	0	1	0	2
183	Cluster-1	Phase-2 New City Locations	Mehsana	Unjha	Railway Station Cut (Mehsana-Palanpur Highway)	23.78624296	72.37981202	0	2	0	0	2
184	Cluster-1	Phase-2 New City Locations	Mehsana	Unjha	Tannu Motors (Towards Helipad)	23.79010591	72.3812207	2	0	4	0	6
185	Cluster-1	Phase-2 New City Locations	Mehsana	Unjha	Helipad Road	23.79284213	72.37173921	3	1	0	0	4
186	Cluster-1	Phase-2 New City Locations	Mehsana	Unjha	Jay Ambe Party Plot Cross Road	23.80354051	72.37103502	0	2	0	0	2
187	Cluster-1	Phase-2 New City Locations	Mehsana	Unjha	APMC Circle	23.80478835	72.37984802	0	4	0	0	4
188	Cluster-1	Phase-2 New City Locations	Mehsana	Unjha	Circuit House Cut (Mehsana-Palanpur Highway)	23.8186617	72.37687757	1	1	1	0	3
189	Cluster-1	Phase-2 New City Locations	Mehsana	Unjha	Navjivan School	23.8122682	72.38504229	4	1	0	0	5
190	Cluster-1	Phase-2 New City Locations	Mehsana	Unjha	Kamali Cross Road	23.81207968	72.39339827	3	1	3	0	7
191	Cluster-1	Phase-2 New City Locations	Mehsana	Unjha	Umiya Circle	23.79770506	72.39527536	0	2	0	0	2

192	Cluster-1	Phase-2 New City Locations	Mehsana	Unjha	Vanagala Cross Road	23.79935365	72.39960294	0	1	0	0	1
193	Cluster-1	Phase-2 New City Locations	Mehsana	Unjha	Rampura Cross Road	23.81045255	72.39994473	3	1	0	0	4
194	Cluster-1	Phase-2 New City Locations	Mehsana	Unjha	Sai Temple Cross Road (Dasaj Road)	23.80543698	72.41184373	4	2	4	0	10
195	Cluster-1	Phase-2 New City Locations	Mehsana	Unjha	Dhaynat Road	23.79167272	72.39550751	6	1	0	0	7
196	Cluster-1	Phase-2 New City Locations	Mehsana	Unjha	Aithor Village Tri Road	23.77163291	72.40107139	2	1	4	0	7
197	Cluster-1	Phase-2 New City Locations	Mehsana	Unjha	Gandhi Chock	23.80372658	72.39225961	0	2	0	0	2
198	Cluster-1	Phase-2 New City Locations	Mehsana	Unjha	Maholat Chock (G.L.Patel Highschool)	23.80760118	72.39734467	0	2	0	0	2
199	Cluster-1	Phase-2 New City Locations	Mehsana	Unjha	Sardar Chock	23.80405459	72.38433791	3	1	0	0	4
200	Cluster-1	Phase-2 New City Locations	Mehsana	Unjha	Jay Vijay Road	23.80392455	72.38668156	3	1	3	0	7
201	Cluster-1	Phase-2 New City Locations	Mehsana	Unjha	Towards Railway Station Behind Road (Mehsana-Palanpur Highway)	23.78624916	72.37991348	1	1	0	0	2
202	Cluster-1	Phase-2 New City Locations	Mehsana	Unjha	Manbai Temple Road	23.79844127	72.38916185	2	1	2	0	5
203	Cluster-1	Phase-2 New City Locations	Mehsana	Unjha	Jogani Mata Temple (Vanagala Chhapara)	23.79663381	72.40426946	3	1	3	0	7
204	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	Vadnagar Old Bus Stand (College Tri Road)	23.7829	72.63411	5	2	0	0	7
205	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	Library Tri Road	23.782883	72.6329	3	1	0	0	4
206	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	Hatkeshwar Mahadev Temple (Rever Gate)	23.786653	72.635741	1	1	0	0	2
207	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	Amarthor Gates	23.7844083	72.635485	2	1	0	0	3
208	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	Railway Station	23.784588	72.63455333	0	2	0	0	2
209	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	Mator Bazar	23.785495	72.638494	2	0	2	0	4
210	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	Tower Bazar	23.785636	72.6401	1	1	0	0	2
211	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	Main Choksi Bazar	23.785366	72.640546	1	1	0	0	2
212	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	Kada Vasudev Chachara	23.783806	72.642378	3	0	0	0	3
213	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	Museum	23.784386	72.641063	1	1	0	0	2
214	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	Gurukrupa Dairy	23.78667	72.638016	2	1	0	0	3
215	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	Hatkeshwar Mahadev Tri Road	23.787283	72.633275	2	0	2	0	4
216	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	Food Paradise Hotel Tri Road	23.77198	72.61391167	3	1	6	0	10
217	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	I.T.I. Tri Road	23.77592333	72.62702333	2	1	4	0	7
218	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	Vasant Prabha Tri Road (New Bus Stand)	23.78119666	72.63259667	2	1	0	0	3
219	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	Gaskol Gates	23.78206167	72.63927	4	1	4	0	9
220	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	Tannariri Garden (Narsinh Mehta Circle)	23.77416	72.66154333	0	2	0	0	2
221	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	Pithori Gate	23.78250333	72.64329167	3	1	0	0	4
222	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	Amarthor Gates (New Museum Entry Gate)	23.78389333	72.64846333	3	1	0	0	4
223	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	Sharmishtha Talav (Arjun Bari Cross Road)	23.78963333	72.64002833	1	2	0	0	3
224	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	Arjun Bari Cross Road	23.79267	72.640445	4	1	4	0	9
225	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	New Civil Hospital	23.79170833	72.63545	2	0	4	0	6
226	Cluster-1	Phase-2 New City Locations	Mehsana	Vadnagar	Toraniya Vad Circle	23.7939166	72.62575834	0	4	0	0	4
227	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Shiddheshwari Mata Temple	23.681192	72.529235	2	0	6	0	8
228	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Mehsana Cross Road	23.679634	72.540503	4	2	8	0	14
229	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Kamana Cross Road	23.687934	72.546604	4	2	8	0	14
230	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Chekhar Farm	23.678767	72.542635	1	0	2	0	3
231	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Kada Cross Tri Road	23.676014	72.552885	3	1	6	0	10
232	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Vijaypara Tri Road (Popatlal Temple)	23.69328692	72.55236727	4	1	0	0	5
233	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Bahuchar Mata Temple Chock	23.69355345	72.55520617	2	2	0	0	4
234	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Kada Gate Pick-up Stand (Ramapir Temple)	23.69473299	72.55552728	3	1	0	0	4
235	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Sunshi-Vijapur Tri Road	23.69478697	72.5584979	1	0	1	0	2
236	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Sunshi Bhalak Tri Road (To Dumping Side)	23.69825402	72.5611571	1	0	2	0	3
237	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	7-Pipali Cross Road	23.70114394	72.55590073	3	1	2	0	6
238	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Vadnagari Police Chockey	23.70192853	72.55497954	3	1	0	0	4
239	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Lal Darwaja (City Location)	23.701641	72.551844	3	1	0	0	4

240	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Patani-Gatiya Vas Tri Road	23.7024411	72.55090707	1	1	1	0	3
241	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Umiya mata Temple Wadi (Patani Gate)	23.70320117	72.54941342	1	0	1	0	2
242	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Ganj Fatak	23.704339	72.54503	0	3	0	0	3
243	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Ganj Bazar samarth Dimond Gali	23.70501073	72.54337181	1	1	0	0	2
244	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Umata Tri Road	23.7146	72.550623	2	1	2	0	5
245	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Denap Tri Road (Fetal)	23.7103216	72.54535516	1	0	1	0	2
246	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Opposite Shivnandan Party Plots	23.71767788	72.53294555	2	0	3	0	5
247	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Kansa Cross Road	23.705648	72.537587	4	1	9	0	14
248	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Ramapir Temple Essar Petrol Pump (Kansa Road)	23.704315	72.52669	2	0	3	0	5
249	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	I.T.I. Circle	23.702133	72.534264	2	1	4	0	7
250	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Victor School Naliyu	23.69395193	72.53118515	1	0	1	0	2
251	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Lavarish -1 IN & 2- Main	23.697379	72.547975	3	2	0	0	5
252	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Near Aakash Hospital	23.69822627	72.54307149	2	1	0	0	3
253	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	M.N.College Circle	23.699073	72.538651	0	2	0	0	2
254	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Parking Behind Bus Stand	23.70065941	72.53964458	0	1	0	0	1
255	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Railway Station Circle	23.70238	72.54236	0	2	0	0	2
256	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Near 3-Tower Police Station	23.69881	72.548023	0	2	0	0	2
257	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Deepak Cross Road	23.69784555	72.54971281	4	0	0	0	4
258	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	One Tower	23.698406	72.551921	1	1	0	0	2
259	Cluster-1	Phase-2 New City Locations	Mehsana	Visnagar	Maya Bazar Ramji Temple	23.69867226	72.55023382	3	0	0	0	3
260	Cluster-1	Phase-2 New City Locations	patan	Radhanpur	Bus Stand Char Rasta	23.829255	71.61503	5	1	4	0	10
261	Cluster-1	Phase-2 New City Locations	patan	Radhanpur	Bus Stand	22.4707636	69.0702406	2	2	0	0	4
262	Cluster-1	Phase-2 New City Locations	patan	Radhanpur	Gautimba Char Rasta	23.84714	71.61996	3	0	3	0	6
263	Cluster-1	Phase-2 New City Locations	patan	Radhanpur	Ashtha Hospital	23.832334	71.622801	3	1	0	0	4
264	Cluster-1	Phase-2 New City Locations	patan	Radhanpur	Yes Hotel Thara Highway	23.831936	71.631964	2	0	4	0	6
265	Cluster-1	Phase-2 New City Locations	patan	Radhanpur	Mahesana Char Rasta	23.826389	71.615884	6	2	0	0	8
266	Cluster-1	Phase-2 New City Locations	patan	Radhanpur	Navnirman School Masali Road	23.815309	71.623612	1	0	2	0	3
267	Cluster-1	Phase-2 New City Locations	patan	Radhanpur	Prince Hotel Mahesana Highway	23.81529	71.61569	2	0	4	0	6
268	Cluster-1	Phase-2 New City Locations	patan	Radhanpur	Bhilot Tran Rasta	23.825151	71.584169	3	0	6	0	9
269	Cluster-1	Phase-2 New City Locations	patan	Radhanpur	Shantidham Pul Niche	23.825782	71.602624	4	0	3	0	7
270	Cluster-1	Phase-2 New City Locations	patan	Radhanpur	Meera darwaja Chowk	23.829501	71.606274	3	1	0	0	4
271	Cluster-1	Phase-2 New City Locations	patan	Radhanpur	Mandai Chowk	23.833916	71.605615	2	1	0	0	3
272	Cluster-1	Phase-2 New City Locations	patan	Radhanpur	Chhtri Para	23.837324	71.604478	2	1	0	0	3
273	Cluster-1	Phase-2 New City Locations	patan	Radhanpur	Thakor Vas (Memdavad Road)	23.838322	71.600369	1	0	2	0	3
274	Cluster-1	Phase-2 New City Locations	patan	Radhanpur	GEB Tran Rasta	23.83543	71.609092	3	1	1	0	5
275	Cluster-1	Phase-2 New City Locations	patan	Radhanpur	Patani Darwaja	23.83278	71.610502	3	2	0	0	5
276	Cluster-1	Phase-2 New City Locations	patan	Radhanpur	Ambedkar Chowk	22.7526551	72.6866097	3	1	0	0	4
277	Cluster-1	Phase-2 New City Locations	patan	Radhanpur	Soni Bajar	23.833916	71.607579	2	1	0	0	3
278	Cluster-1	Phase-2 New City Locations	patan	Radhanpur	LalBag Tran Rasta	23.830641	71.613409	2	1	0	0	3
279	Cluster-1	Phase-2 New City Locations	patan	Radhanpur	Krishna Heriteg (kuntashi Road)	23.822753	71.629182	1	0	2	0	3
280	Cluster-1	Phase-2 New City Locations	patan	Siddhpur	Railway Valank (Mamalatdar office)	23.918306	72.367042	3	1	0	0	4
281	Cluster-1	Phase-2 New City Locations	patan	Siddhpur	Dethali Char rasta	23.916404	72.361342	4	2	10	0	16
282	Cluster-1	Phase-2 New City Locations	patan	Siddhpur	Geb Tri road	23.911675	72.360847	2	1	2	0	5
283	Cluster-1	Phase-2 New City Locations	patan	Siddhpur	Bindu Sarovar	23.909186	72.362462	2	1	2	0	5
284	Cluster-1	Phase-2 New City Locations	patan	Siddhpur	Ashok Cinema	23.915632	72.374631	4	1	0	0	5
285	Cluster-1	Phase-2 New City Locations	patan	Siddhpur	Muktidham	23.915778	72.382111	4	2	0	0	6
286	Cluster-1	Phase-2 New City Locations	patan	Siddhpur	Kahoda Tran rasta	23.914916	72.384851	2	1	3	0	6
287	Cluster-1	Phase-2 New City Locations	patan	Siddhpur	Mandi Bajar	23.917451	72.379362	1	1	0	0	2
288	Cluster-1	Phase-2 New City Locations	patan	Siddhpur	Rudra Mahalay	23.91961	72.378737	3	1	0	0	4

289	Cluster-1	Phase-2 New City Locations	Patan	Siddhpur	Suvadafali	23.918584	72.375496	2	1	0	0	3
290	Cluster-1	Phase-2 New City Locations	Patan	Siddhpur	Japali Pole	23.919062	72.373114	4	1	0	0	5
291	Cluster-1	Phase-2 New City Locations	Patan	Siddhpur	Railway Station (SBI Bank)	23.918751	72.368501	2	1	0	0	3
292	Cluster-1	Phase-2 New City Locations	Patan	Siddhpur	Juna Tower	23.919723	72.370424	4	1	0	0	5
293	Cluster-1	Phase-2 New City Locations	Patan	Siddhpur	Afin Gate	23.916489	72.372819	4	1	0	0	5
294	Cluster-1	Phase-2 New City Locations	Patan	Siddhpur	Rajpur Swami Narayan Mandir	23.926751	72.374909	4	1	4	0	9
295	Cluster-1	Phase-2 New City Locations	Patan	Siddhpur	Pasvadal ni pole	23.922107	72.378773	2	1	3	0	6
296	Cluster-1	Phase-2 New City Locations	Patan	Siddhpur	Kakoshi Railway Fatak	23.925119	72.368171	3	1	2	0	6
297	Cluster-1	Phase-2 New City Locations	Patan	Siddhpur	Juna Bus Stand	21.3385969	71.3122254	2	1	0	0	3
298	Cluster-1	Phase-2 New City Locations	Patan	Siddhpur	Tavadiya Char Rasta	23.924488	72.361499	2	2	4	0	8
299	Cluster-1	Phase-2 New City Locations	Patan	Siddhpur	Kakoshi Char Rasta	23.931101	72.362338	4	2	10	0	16
300	Cluster-1	Phase-2 New City Locations	Patan	Siddhpur	Nava Bus Stand	23.922593	72.36677	3	2	0	0	5
301	Cluster-1	Phase-2 New City Locations	Patan	Siddhpur	Khali Char Rasta	23.890233	72.368656	4	2	10	0	16
302	Cluster-1	Phase-2 New City Locations	Patan	Siddhpur	Gokul Oil Mil Pase	23.931584	72.363485	3	1	2	0	6
303	Cluster-1	Phase-2 New City Locations	Sabarkantha	Khedbramha	Kargil Petrol Pump	24.05225	73.032195	3	1	5	0	9
304	Cluster-1	Phase-2 New City Locations	Sabarkantha	Khedbramha	Shayamnagar	23.996469	73.038957	4	1	4	0	9
305	Cluster-1	Phase-2 New City Locations	Sabarkantha	Khedbramha	Bus Station	24.390686	71.6291	4	2	0	0	6
306	Cluster-1	Phase-2 New City Locations	Sabarkantha	Khedbramha	paroya 3 Rasta	24.043927	73.052408	4	1	3	0	8
307	Cluster-1	Phase-2 New City Locations	Sabarkantha	Khedbramha	Petrol Pump 3 Rasta	24.028881	73.047648	3	1	0	0	4
308	Cluster-1	Phase-2 New City Locations	Sabarkantha	Khedbramha	Sadar Patel Chowk	24.029469	73.043512	4	1	0	0	5
309	Cluster-1	Phase-2 New City Locations	Sabarkantha	Khedbramha	Shital Chowk	24.031536	73.044121	5	1	2	0	8
310	Cluster-1	Phase-2 New City Locations	Sabarkantha	Khedbramha	Kashi Viswath Temple	24.034164	73.047644	3	1	0	0	4
311	Cluster-1	Phase-2 New City Locations	Sabarkantha	Khedbramha	Laxmipura 4 rasta	24.030952	73.048473	4	1	2	0	7
312	Cluster-1	Phase-2 New City Locations	Sabarkantha	Khedbramha	Vasna Kampa Road	24.030952	73.048473	3	0	1	0	4
313	Cluster-1	Phase-2 New City Locations	Sabarkantha	Khedbramha	Hangama Dalbati	24.037708	73.050337	4	1	0	0	5
314	Cluster-1	Phase-2 New City Locations	Sabarkantha	Khedbramha	Bhagavati Petrol Pump	24.044375	73.047503	4	1	2	0	7
315	Cluster-1	Phase-2 New City Locations	Sabarkantha	Khedbramha	Krushi Science Center	24.023757	73.045643	4	1	0	0	5
316	Cluster-1	Phase-2 New City Locations	Sabarkantha	Idar	Sapvada Gam	23.815378	72.997445	3	1	5	0	9
317	Cluster-1	Phase-2 New City Locations	Sabarkantha	Idar	GEB Office Idar	23.828626	73.000867	4	1	0	0	5
318	Cluster-1	Phase-2 New City Locations	Sabarkantha	Idar	Bus Station	24.390686	71.6291	6	2	4	0	12
319	Cluster-1	Phase-2 New City Locations	Sabarkantha	Idar	Damodar Complex	23.838071	73.000878	4	1	0	0	5
320	Cluster-1	Phase-2 New City Locations	Sabarkantha	Idar	Apolo Circle	23.837494	73.00238	2	1	0	0	3
321	Cluster-1	Phase-2 New City Locations	Sabarkantha	Idar	K.M.Patel School	23.839854	73.002758	4	1	0	0	5
322	Cluster-1	Phase-2 New City Locations	Sabarkantha	Idar	Stayam Chokadi	23.836852	73.005738	4	1	0	0	5
323	Cluster-1	Phase-2 New City Locations	Sabarkantha	Idar	Dhuleta Darwaja	23.84331	73.002917	5	1	0	0	6
324	Cluster-1	Phase-2 New City Locations	Sabarkantha	Idar	Tower Area	23.845833	73.002456	4	2	0	0	6
325	Cluster-1	Phase-2 New City Locations	Sabarkantha	Idar	Jumma masjid	23.846611	73.004026	2	1	0	0	3
326	Cluster-1	Phase-2 New City Locations	Sabarkantha	Idar	Ganti 3 Rasta	23.84879	73.004791	4	1	0	0	5
327	Cluster-1	Phase-2 New City Locations	Sabarkantha	Idar	Ramnagar (Surpur Bypass)	23.828492	74.009155	4	1	5	0	10
328	Cluster-1	Phase-2 New City Locations	Sabarkantha	Idar	Bhiloda 3 Rasta	23.845891	73.021606	3	1	6	0	10
329	Cluster-1	Phase-2 New City Locations	Sabarkantha	Idar	Dev Darbar Asharma	23.853127	73.015105	1	1	1	0	3
330	Cluster-1	Phase-2 New City Locations	Sabarkantha	Idar	Gambhirpura Village	23.85045	73.015018	2	1	0	0	3
331	Cluster-1	Phase-2 New City Locations	Sabarkantha	Idar	PTC College Lalod Rasta	23.833919	73.015948	3	1	2	0	6
332	Cluster-1	Phase-2 New City Locations	Sabarkantha	Idar	Barvav 3 Rasta	23.837995	72.984255	3	1	3	0	7
333	Cluster-1	Phase-2 New City Locations	Sabarkantha	Idar	Vijaynagar 3 Rasta	23.889586	73.033825	3	1	6	0	10
Total Cluster-1 Phase-2 New Locations								944	334	615	0	1893

Cluster-1 Phase-1 Existing City New Locations												
Sr.	Cluster	Details	District	City	Junction Name	Lat	Long	Type of Cameras				

No.	Cluster	Details	District	Name	Location Name	Lat	Long	Fixed	PTZ	ANPR	RLVD	Total
1	Cluster-1	Phase-1 City New Locations	Arvalli	Modasa	SP Office	23.486485	73.298609	0	1	0	0	1
2	Cluster-1	Phase-1 City New Locations	Arvalli	Modasa	Sarvodaya High School(Bank Of Baroda)	23.462549	73.298073	0	1	0	0	1
3	Cluster-1	Phase-1 City New Locations	Arvalli	Modasa	Palanpur Village (HMT TO Modasa Entry)	23.472562	73.288477	4	1	7	0	12
4	Cluster-1	Phase-1 City New Locations	Arvalli	Modasa	Dugarvada Bypass Char Rasta	23.443805	73.305042	4	2	6	0	12
5	Cluster-1	Phase-1 City New Locations	Arvalli	Modasa	ITI College	23.461825	73.303046	4	2	0	0	6
6	Cluster-1	Phase-1 City New Locations	Arvalli	Modasa	Rajendranagar Char Rasta	23.599982	73.207272	4	2	7	0	13
7	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	BECHARPURA FATAK PATIYA	24.156235	72.411717	2	0	2	0	4
8	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	S.B.PURA PATIYA	24.141696	72.40842	2	0	2	0	4
9	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	BANAS DAIRY TRAN RASTA	24.131696	72.439411	3	1	3	0	7
10	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	LALAVADA PETROLPUMP	24.137613	72.4538704	4	1	4	0	9
11	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	MERVADA TRAN RASTA	24.141452	72.478998	2	0	3	0	5
12	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	RAMPURA CHOKDI	24.179837	72.456079	4	1	8	0	13
13	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	SADARPUR CHOKDI	24.184059	72.450085	4	0	4	0	8
14	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	SILVER BELTS SCHOOL	24.49506	72.429276	2	0	2	0	4
15	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	A.P.M.C. JAGANA ROAD	24.153914	72.430636	1	1	0	0	2
16	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	A.P.M.C. ITI RAOD	24.154402	72.438866	1	1	0	0	2
17	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	GOBRI ROAD BAL HANUMAN MANDIR	24.16525	72.434419	3	0	1	0	4
18	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	GANESHPURA BEHIND POLICE QUETER	24.164215	72.44778	3	1	0	0	4
19	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	JANTANAGAR	24.170153	72.447948	4	1	4	0	9
20	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	TINBATTI	24.170167	72.441646	3	1	0	0	4
21	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	MOTIBAJAR	24.172225	72.440328	4	1	0	0	5
22	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	BARADPURA	24.17349	72.438001	3	1	0	0	4
23	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	LAXMAN TEKRI	24.175008	72.43679	4	0	0	0	4
24	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	HARIPURA SAMSAN	24.181035	72.43547	3	0	3	0	6
25	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	FOSIYA TEKRA	24.177862	72.439743	3	0	0	0	3
26	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	KHODIYAR MAA MANDIR	24.179698	72.444816	3	0	3	0	6
27	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	MADHUPURA TRAN RASTA	24.157226	72.447141	3	0	1	0	4
28	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	LAXMIPURA DAIRY	24.163798	72.42528	3	0	0	0	3
29	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	ROKADIYA HUMAN TAMPLE	24.171406	72.421179	3	0	3	0	6
30	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	JUNA BUS STAION	24.172611	72.430915	2	1	0	0	3
31	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	kirtistam circle	24.174201	72.432846	4	1	0	0	5
32	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	MOTIBAUG SUKHBAG ROAD	24.179477	72.423189	3	0	0	0	3
33	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	POST OFFICE SERVICE ROAD	24.171419	72.424973	2	2	0	0	4
34	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	Akesan fatak	24.170698	72.411138	2	1	2	0	5
35	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	Nani Bazar	#N/A	#N/A	3	1	0	0	4
36	Cluster-1	Phase-1 City New Locations	Banaskantha	Palanpur	Sath Sancha	#N/A	#N/A	3	1	0	0	4
37	Cluster-1	Phase-1 City New Locations	Banaskantha	Ambaji	JUNA NAKA (CIRCUIT HOUSE)	24.336727	72.8477..	2	1	1	0	4
38	Cluster-1	Phase-1 City New Locations	Banaskantha	Ambaji	07 NO.GATE	24.336727	72.8477..	3	1	0	0	4
39	Cluster-1	Phase-1 City New Locations	Banaskantha	Ambaji	GMDC RASTA	24.336727	72.8477..	3	0	0	0	3
40	Cluster-1	Phase-1 City New Locations	Banaskantha	Ambaji	NATO NA DERA	24.325474	72.8543..	2	0	2	0	4
41	Cluster-1	Phase-1 City New Locations	Banaskantha	Ambaji	KUMBHARIYA JAIN DERASAR	24.325474	72.8543..	3	0	0	0	3
42	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	K 7	23.26052484	72.64143303	3	0	0	0	3
43	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	Tata Chokdy	23.2522641	72.6362611	4	0	8	0	12
44	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	EQDC Circle	23.24406201	72.63115168	3	0	0	0	3
45	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	Vavol Chokdy	23.2295018	72.6185246	4	1	8	0	13
46	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	G-1	23.20358841	72.62408799	4	1	0	0	5
47	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	Sargasan Circle	23.19300841	72.61554785	2	0	6	0	8
48	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	Sargasan Cut	23.19719793	72.61455326	2	1	2	0	5

49	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	Randheja Chokdi	23.28262244	72.64526412	4	2	8	0	14
50	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	Pethapur Chokdi	23.26695774	72.66767804	4	2	8	0	14
51	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	Airforce Circle	23.24310906	72.67804982	3	0	4	0	7
52	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	Chiloda	23.22665521	72.73036243	7	1	8	0	16
53	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	Adalaj Chokdi (Balapir chokdy)	23.16837455	72.58675288	4	2	8	0	14
54	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	Sahpur Bridge	23.18497	72.652558	4	0	6	0	10
55	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	Swaminarayan Dham (Behind)	23.181783	72.642086	4	0	6	0	10
56	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	City plus (Behind) Char rasta	23.174615	72.640504	4	1	4	0	9
57	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	Matru Shree Circle	23.10173	72.385462	4	0	2	0	6
58	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	PDP Bridge	23.152734	72.670146	4	0	10	0	14
59	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	Kudasan gaam	23.171883	72.636513	3	0	0	0	3
60	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	Black peper Hotel(Pratrik mall Same)	23.178435	72.637252	3	1	0	0	4
61	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	Kansar Chokday(Kudasan)	23.175578	72.628692	4	1	4	0	9
62	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	Sardar char Rasta (kudasan)	23.104628	72.38488	4	2	0	0	6
63	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	Vavol-Uvarsad Bypass (sky line)	23.177494	72.58583	4	0	4	0	8
64	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	Neno City Cut	23.189334	72.608582	4	0	8	0	12
65	Cluster-1	Phase-1 City New Locations	Gandhinagar	Gandhinagar	Vavol-SBI Cut & Railway Hotel Entry	23.23263	72.623902	3	2	8	0	13
66	Cluster-1	Phase-1 City New Locations	Kutch-East	Gandhidham	RAMBAG HOSPITAL	23 04' 28"	70 05' 59"	2	1	0	0	3
67	Cluster-1	Phase-1 City New Locations	Kutch-East	Gandhidham	JUMMAPIR FATAK	23 04' 55"	70 05' 41"	4	1	4	0	9
68	Cluster-1	Phase-1 City New Locations	Kutch-East	Gandhidham	COLLAGE CIRCLE	23 04' 18"	70 04' 36"	4	1	0	0	5
69	Cluster-1	Phase-1 City New Locations	Kutch-East	Gandhidham	BUS STAND TRI ROAD	23 03' 53"	70 04' 36"	3	1	0	0	4
70	Cluster-1	Phase-1 City New Locations	Kutch-West	Bhuj	Mirzapar 3 rasta	23.216297	69.625301	3	1	0	0	4
71	Cluster-1	Phase-1 City New Locations	Kutch-West	Bhuj	Raghuvanshi Char rasta	23.244621	69.646962	4	1	0	0	5
72	Cluster-1	Phase-1 City New Locations	Kutch-West	Bhuj	Kodki road Char rasta	23.251415	69.640491	4	1	6	0	11
73	Cluster-1	Phase-1 City New Locations	Kutch-West	Bhuj	Mota Pir Chowkdi	23.262058	69.656202	4	1	0	0	5
74	Cluster-1	Phase-1 City New Locations	Kutch-West	Bhuj	Sarpat gate	23.259837	69.67034	3	1	0	0	4
75	Cluster-1	Phase-1 City New Locations	Kutch-West	Bhuj	Lakhurai Char rasta	23.259638	69.695838	4	1	2	0	7
76	Cluster-1	Phase-1 City New Locations	Kutch-West	Bhuj	Nagor Railway fatak	23.264187	69.695516	2	1	4	0	7
77	Cluster-1	Phase-1 City New Locations	Kutch-West	Bhuj	Aman Nagar Char Rasta	23.257653	69.686878	4	1	0	0	5
78	Cluster-1	Phase-1 City New Locations	Kutch-West	Bhuj	Atmaram Circle	23.252615	69.685865	4	1	0	0	5
79	Cluster-1	Phase-1 City New Locations	Kutch-West	Bhuj	Pramukh Swami Circle	23.221486	69.34908	4	1	0	0	5
80	Cluster-1	Phase-1 City New Locations	Kutch-West	Bhuj	Ajramar Chowk	23.242412	69.672312	4	1	0	0	5
81	Cluster-1	Phase-1 City New Locations	Kutch-West	Bhuj	Camp Chowki	23.245739	69.676224	4	1	0	0	5
82	Cluster-1	Phase-1 City New Locations	Kutch-West	Bhuj	White Building	23.253266	69.67255	4	0	0	0	4
83	Cluster-1	Phase-1 City New Locations	Kutch-West	Bhuj	Changleshwar Tri Road	23.217137	69.654749	3	0	1	0	4
84	Cluster-1	Phase-1 City New Locations	Kutch-West	Bhuj	Mahapar - Yax mandir Circle	23.233006	69.699201	4	1	0	0	5
85	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Ramosana Under Bridge	23.61697806	72.38518697	2	0	0	0	2
86	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Gurudwara-Jail Road (Palanpur Highway)	23.61128744	72.3830555	2	1	0	0	3
87	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Pritamnagar Society (Towards Aerodrome Radhanpur Road)	23.60669422	72.37831123	1	0	1	0	2
88	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Dwarkapuri Flate (Radhanpur Road)	23.607561	72.375493	2	0	0	0	2
89	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Towards Rajdhani Township (Radhanpur Road)	23.6100611	72.366924	1	1	0	0	2
90	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Avasar Party Plot (Modhera Road)	23.59445326	72.3591916	1	2	0	0	3
91	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Radhe Axotica Society Cross Road (Modhera Road)	23.59964887	72.3600275	3	0	0	0	3
92	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Kamlesh Gurjar Hospital Tri Road	23.60412	72.386638	1	1	0	0	2
93	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Gayatri Temple (B.K.Cinema-Nagalpur Highway)	23.589176	72.377499	1	0	2	0	3
94	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Snehkutir Vrudhdha Ashram (Near Bala hanuman Temple)	23.57627648	72.35690126	2	0	2	0	4
95	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Valinath Chock Nagalpur	23.58457	72.369511	2	1	0	0	3
96	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Chakeshwari Flat T.B.Road	23.59198557	72.38518574	0	2	0	0	2
97	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Prajapati Wadi T.B.Road	23.58812639	72.38388016	4	1	0	0	5

98	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Rampura Cross Road	23.56505792	72.42512082	4	2	12	0	18
99	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Rupal-Punasan Cross Road (Towards Both Village)	23.56542745	72.40964729	2	0	0	0	2
100	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Smart Kids School (Becharaji Road)	23.568196	72.35913387	2	0	0	0	2
101	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Dediyasan-Panchot Bypass (Towards Both Villages)	23.6114247	72.33880698	2	0	2	0	4
102	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Surksha Circle (Police Headquarter Main Gate)	23.6119973	72.3930796	3	1	0	0	4
103	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Rajmahel Chokey (Civil Hospital Near Old Bus Station)	23.6079058	72.3916966	0	2	0	0	2
104	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Mastan Park Road (Near Akatwadi Marriage Hall)	23.59805192	72.39263397	2	0	0	0	2
105	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Kasba Police Chokey	23.59948346	72.39299619	3	2	0	0	5
106	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Bhimrao Circle (Ambekar Chock)	23.59928229	72.39511428	2	0	0	0	2
107	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Mehsana-Kukas Cross Road (Exit Point)	23.59902098	72.4008773	4	0	4	0	8
108	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Samarpan Chock (Dhobi Ghat)	23.60598032	72.39807334	3	1	0	0	4
109	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Pulundranagar Tri Road (Petrol Pump)	23.61182089	72.4080011	2	0	0	0	2
110	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Post Office Cross Road	23.61125724	72.39939344	2	0	0	0	2
111	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Somnath Cross Road	23.61598747	72.39611718	3	1	0	0	4
112	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	Aazad Chock	23.60236263	72.39463775	2	1	0	0	3
113	Cluster-1	Phase-1 City New Locations	Mehsana	Mehsana	T.B. Tri Road (Bhamariya Nala Road)	23.59567	72.387682	0	2	0	0	2
114	Cluster-1	Phase-1 City New Locations	Patan	Patan	Rankivav	23.857271	72.102973	1	1	0	0	2
115	Cluster-1	Phase-1 City New Locations	Patan	Patan	Welcome Bagisha	23.833699	72.112432	2	1	0	0	3
116	Cluster-1	Phase-1 City New Locations	Patan	Patan	Filter House	23.837279	72.115516	3	1	0	0	4
117	Cluster-1	Phase-1 City New Locations	Patan	Patan	Sahastra Ling Talav	23.859562	72.100633	1	1	0	0	2
118	Cluster-1	Phase-1 City New Locations	Patan	Patan	Ramnivadi Railway Fatak	23.863195	72.106192	1	0	2	0	3
119	Cluster-1	Phase-1 City New Locations	Patan	Patan	Verai Chakal	23.852821	72.122313	2	1	0	0	3
120	Cluster-1	Phase-1 City New Locations	Sabarkantha	Himmatnagar	Sabar Dairy	23.549243	72.951493	4	1	4	0	9
121	Cluster-1	Phase-1 City New Locations	Sabarkantha	Himmatnagar	Grow More School	23.587447	73.036976	4	1	6	0	11
122	Cluster-1	Phase-1 City New Locations	Sabarkantha	Himmatnagar	Hadiyol	23.57158	72.980463	2	1	4	0	7
123	Cluster-1	Phase-1 City New Locations	Sabarkantha	Himmatnagar	Ilol Chokadi	23.628673	72.942263	5	1	5	0	11
124	Cluster-1	Phase-1 City New Locations	Sabarkantha	Himmatnagar	Virpur Bypass	23.644534	72.959143	4	1	8	0	13
125	Cluster-1	Phase-1 City New Locations	Sabarkantha	Himmatnagar	Nava Gam Chokadi	23.629485	72.991598	3	1	4	0	8
126	Cluster-1	Phase-1 City New Locations	Sabarkantha	Himmatnagar	Kankarol Roan (Swaminarayan Temple	23.585385	72.992337	4	1	3	0	8
127	Cluster-1	Phase-1 City New Locations	Sabarkantha	Himmatnagar	Bhagyoday Dairy	23.599483	72.965532	6	1	0	0	7
128	Cluster-1	Phase-1 City New Locations	Sabarkantha	Himmatnagar	Ambar Cinema	23.605306	72.963894	3	1	0	0	4
129	Cluster-1	Phase-1 City New Locations	Sabarkantha	Himmatnagar	Spectrum School	23.610289	72.988196	2	0	2	0	4
130	Cluster-1	Phase-1 City New Locations	Sabarkantha	Himmatnagar	Hastinapur Gaytri mandir	23.593358	72.986923	3	1	0	0	4
Total Cluster-1 Phase-1 Existing City New Locations								380	98	258	0	736

Cluster-1 Phase-1 Existing City Existing Locations												
Sr. No.	Cluster	Details	District	City Name	Junction Name	Let	Long	Type of Cameras				
								Fixed	PTZ	ANPR	RLVD	Total
1	Cluster-1	Phase-1 City Existing Locations	Arvalli	Modasa (Exi.)	Police Chowky Circle	23.4642979	73.2989563	0	0	8	0	8
2	Cluster-1	Phase-1 City Existing Locations	Arvalli	Modasa (Exi.)	Hazira Circle	23.4750045	73.2929127	0	0	4	0	4
3	Cluster-1	Phase-1 City Existing Locations	Banaskantha	Palanpur (Exi.)	GATHAMAN PATIYA	24.16073	72.412378	1	1	1	0	3
4	Cluster-1	Phase-1 City Existing Locations	Banaskantha	Palanpur (Exi.)	RAILWAY STATION	21.608058	71.227356	1	1	1	0	3
5	Cluster-1	Phase-1 City Existing Locations	Banaskantha	Palanpur (Exi.)	GURUNANAK CHOWK	24.171025	72.432184	0	1	0	0	1
6	Cluster-1	Phase-1 City Existing Locations	Banaskantha	Palanpur (Exi.)	GATHAMAN CIRCLE	24.160669	72.412087	1	0	1	0	2
7	Cluster-1	Phase-1 City Existing Locations	Banaskantha	Ambaji (Exi.)	KHODIVALI CIRCLE	24.33198	72.848181	2	1	1	0	4
8	Cluster-1	Phase-1 City Existing Locations	Gandhinagar	Gandhinagar(Exi.)	INDRODA VILLAGE CUT	23.20203244	72.65633946	0	0	6	0	6
9	Cluster-1	Phase-1 City Existing Locations	Gandhinagar	Gandhinagar(Exi.)	PDP	23.16042108	72.63579025	0	0	8	0	8
10	Cluster-1	Phase-1 City Existing Locations	Gandhinagar	Gandhinagar(Exi.)	APOLLO	23.11682466	72.63129885	0	2	4	0	6
11	Cluster-1	Phase-1 City Existing Locations	Gandhinagar	Gandhinagar(Exi.)	KOBA	23.13372024	72.63294071	2	1	3	0	6

12	Cluster-1	Phase-1 City Existing Locations	Gandhinagar	Gandhinagar(Exi.)	Satyagrah Chavni	23.21486928	72.63891399	1	1	0	0	2
13	Cluster-1	Phase-1 City Existing Locations	Gandhinagar	Gandhinagar(Exi.)	Sector 6-7	23.21232551	72.63840358	3	0	0	0	3
14	Cluster-1	Phase-1 City Existing Locations	Gandhinagar	Gandhinagar(Exi.)	Bhat Koteswar	23.10501782	72.63009086	1	0	2	0	3
15	Cluster-1	Phase-1 City Existing Locations	Kutch-West	Bhuj (Exi.)	RTO Circle	22.697414	72.856518	0	1	0	0	1
16	Cluster-1	Phase-1 City Existing Locations	Kutch-West	Bhuj (Exi.)	Bhid Naka Tri Road	23.255672	69.676411	1	0	0	0	1
17	Cluster-1	Phase-1 City Existing Locations	Kutch-West	Bhuj (Exi.)	Reliance Circle	23.230498	69.662323	1	1	0	0	2
18	Cluster-1	Phase-1 City Existing Locations	Mehsana	Mehsana (Exi.)	FATEPURA CIRCLE	72.38533258	23.6426264	3	1	6	0	10
19	Cluster-1	Phase-1 City Existing Locations	Mehsana	Mehsana (Exi.)	PANCHOT CIRCLE	72.34603286	23.61917853	4	0	4	0	8
20	Cluster-1	Phase-1 City Existing Locations	Mehsana	Mehsana (Exi.)	SUVIDHA CICLE	72.34114587	23.56722414	4	0	8	0	12
21	Cluster-1	Phase-1 City Existing Locations	Mehsana	Mehsana (Exi.)	SHIVALA CICLE	72.38033831	23.54450583	2	0	6	0	8
22	Cluster-1	Phase-1 City Existing Locations	Mehsana	Mehsana (Exi.)	PALAVASANA CIRCLE	72.37144947	23.56755138	3	1	6	0	10
23	Cluster-1	Phase-1 City Existing Locations	Mehsana	Mehsana (Exi.)	B.K CINEMA	72.38538623	23.59495282	0	0	3	0	3
24	Cluster-1	Phase-1 City Existing Locations	Mehsana	Mehsana (Exi.)	TORANVADI MATA	72.39129782	23.6020124	0	1	0	0	1
25	Cluster-1	Phase-1 City Existing Locations	Mehsana	Mehsana (Exi.)	HEDRI CHOWK	72.39629445	23.60586656	0	0	4	0	4
26	Cluster-1	Phase-1 City Existing Locations	Mehsana	Mehsana (Exi.)	BHRAMAKUMARI ASHRAM	72.38929152	23.58825803	0	0	2	0	2
27	Cluster-1	Phase-1 City Existing Locations	Patan	Patan (Exi.)	Sankhari Tri Road	23.832876	72.12001	0	0	2	0	2
28	Cluster-1	Phase-1 City Existing Locations	Patan	Patan (Exi.)	T.B Tri Road	23.85914	72.138278	0	0	6	0	6
29	Cluster-1	Phase-1 City Existing Locations	Patan	Patan (Exi.)	Swami Vivekanand	23.853037	72.130287	0	1	0	0	1
30	Cluster-1	Phase-1 City Existing Locations	Patan	Patan (Exi.)	Hingalaj Chahar Circle	23.850808	72.120286	0	1	0	0	1
31	Cluster-1	Phase-1 City Existing Locations	Sabarkantha	Himmatnagar(Exi.)	Post Office	23.59666	72.959321	3	0	0	0	3
32	Cluster-1	Phase-1 City Existing Locations	Sabarkantha	Himmatnagar(Exi.)	Civil Circle	23.595996	72.959617	1	1	0	0	2
33	Cluster-1	Phase-1 City Existing Locations	Sabarkantha	Himmatnagar(Exi.)	Bus Station	23.591976	72.958103	2	1	0	0	3
34	Cluster-1	Phase-1 City Existing Locations	Sabarkantha	Himmatnagar(Exi.)	Panch Batti	23.594131	72.961918	1	0	0	0	1
35	Cluster-1	Phase-1 City Existing Locations	Sabarkantha	Himmatnagar(Exi.)	Tower Chowk	23.596951	72.962965	2	0	0	0	2
36	Cluster-1	Phase-1 City Existing Locations	Sabarkantha	Himmatnagar(Exi.)	Durga Bajar	23.59337	72.962682	3	1	0	0	4
37	Cluster-1	Phase-1 City Existing Locations	Sabarkantha	Himmatnagar(Exi.)	Mahavirnagar	23.597043	72.969238	1	0	0	0	1
38	Cluster-1	Phase-1 City Existing Locations	Sabarkantha	Himmatnagar(Exi.)	Relience Mall	23.600879	72.972747	1	0	0	0	1
39	Cluster-1	Phase-1 City Existing Locations	Sabarkantha	Himmatnagar(Exi.)	Poornima Dairy	23.595861	72.968876	2	0	0	0	2
40	Cluster-1	Phase-1 City Existing Locations	Sabarkantha	Himmatnagar(Exi.)	Chhapariya char Rasta	23.59372	72.965163	3	0	0	0	3
41	Cluster-1	Phase-1 City Existing Locations	Sabarkantha	Himmatnagar(Exi.)	Vaishali Cinema	23.58875	72.960827	0	1	0	0	1
42	Cluster-1	Phase-1 City Existing Locations	Sabarkantha	Himmatnagar(Exi.)	Sahakari Jin	23.581378	72.9739	3	2	0	0	5
43	Cluster-1	Phase-1 City Existing Locations	Sabarkantha	Himmatnagar(Exi.)	Polytechnic Road	23.581099	72.964153	4	1	2	0	7
44	Cluster-1	Phase-1 City Existing Locations	Sabarkantha	Himmatnagar(Exi.)	Tulshi Complex	23.583152	72.9581	2	1	2	0	5
45	Cluster-1	Phase-1 City Existing Locations	Sabarkantha	Himmatnagar(Exi.)	Ng Circle	23.612581	72.964566	1	0	0	0	1
46	Cluster-1	Phase-1 City Existing Locations	Sabarkantha	Himmatnagar(Exi.)	Nyay mandir	23.604024	72.961295	2	0	0	0	2
Total Cluster-1 Phase-1 Existing City Existing Locations								61	23	90	0	174

Cluster-1 Interstate Entry-Exit Locations												
Sr. No.	Cluster	Details	District	City Name	Junction Name	Let	Long	Type of Cameras				
								Fixed	PTZ	ANPR	RLVD	Total
1	Cluster-1	Interstate Entry Exit Points	Interstate-Arvalli	Bhiloda	Zanzari Checkpost	23.8442236	73.3609288	2	0	1	0	3
2	Cluster-1	Interstate Entry Exit Points	Interstate-Arvalli	Bhiloda	Budharasan (palisoda) Checkpost	23.791784	73.3519571	2	1	2	0	5
3	Cluster-1	Interstate Entry Exit Points	Interstate-Arvalli	Shamlaji	Bobimata Checkpost	23.7799438	73.4104229	1	0	1	0	2
4	Cluster-1	Interstate Entry Exit Points	Interstate-Arvalli	Shamlaji	Ratanpur Checkpost	23.7533697	73.439896	4	2	6	0	12
5	Cluster-1	Interstate Entry Exit Points	Interstate-Arvalli	Isari	Gendpondwada(Rellawada) Checkpost	23.6192164	73.4808198	2	1	2	0	5
6	Cluster-1	Interstate Entry Exit Points	Interstate-Arvalli	Meghraj	Undava Checkpost	23.5219358	73.6416213	1	1	2	0	4
7	Cluster-1	Interstate Entry Exit Points	Interstate-Arvalli	Meghraj	Kaliyakuva Checkpost	23.449293	73.6268628	1	1	2	0	4
8	Cluster-1	Interstate Entry Exit Points	Interstate-Banaskatha	Ambaji	JAMBUDI	24.349975	72.894986	1	0	2	0	3
9	Cluster-1	Interstate Entry Exit Points	Interstate-Banaskatha	Ambaji	SARHAD CHHAPRI	24.365738	72.807801	2	1	4	0	7

10	Cluster-1	Interstate Entry Exit Points	Interstate-Banaskatha	AMIRGADH	AMIRGADH	24.42029	72.68529	2	2	4	0	8
11	Cluster-1	Interstate Entry Exit Points	Interstate-Banaskatha	AMIRGADH	KAPASIYA	24.4793416	72.5274275	2	1	4	0	7
12	Cluster-1	Interstate Entry Exit Points	Interstate-Banaskatha	DANTIVADA	VAV DHARA	24.433994	72.450199	1	1	2	0	4
13	Cluster-1	Interstate Entry Exit Points	Interstate-Banaskatha	PATHAVADA	GUNDARI	24.550614	72.36969	2	1	4	0	7
14	Cluster-1	Interstate Entry Exit Points	Interstate-Banaskatha	DHANERA	NENAVA	24.643837	71.886743	1	1	2	0	4
15	Cluster-1	Interstate Entry Exit Points	Interstate-Banaskatha	DHANERA	VASAN	24.67929	72.05622	1	1	2	0	4
16	Cluster-1	Interstate Entry Exit Points	Interstate-Banaskatha	DHANERA	ANAPUR	24.580913	72.155047	1	0	2	0	3
17	Cluster-1	Interstate Entry Exit Points	Interstate-Banaskatha	THARAD	KHODA	24.66806	71.764603	2	1	4	0	7
18	Cluster-1	Interstate Entry Exit Points	Interstate-Sabarkantha	Kheroj	Kotdagadhi	24.354873	73.178365	1	1	2	0	4
19	Cluster-1	Interstate Entry Exit Points	Interstate-Sabarkantha	Poshina	Mamapipala	24.447333	72.991525	1	1	2	0	4
20	Cluster-1	Interstate Entry Exit Points	Interstate-Sabarkantha	Poshina	Aanjani	24.4608212	73.0847531	1	1	2	0	4
21	Cluster-1	Interstate Entry Exit Points	Interstate-Sabarkantha	Khedbhrhma	Khedva	24.127076	73.111261	2	1	4	0	7
22	Cluster-1	Interstate Entry Exit Points	Interstate-Sabarkantha	Khedbhrhma	Padhara	24.110763	73.150406	1	1	2	0	4
23	Cluster-1	Interstate Entry Exit Points	Interstate-Sabarkantha	Vijaynagar	Rani	24.001985	73.405862	1	1	2	0	4
24	Cluster-1	Interstate Entry Exit Points	Interstate-Sabarkantha	Vijaynagar	Khokhra	24.069619	73.353262	1	1	2	0	4
25	Cluster-1	Interstate Entry Exit Points	Interstate-Sabarkantha	Vijaynagar	Virpur Dahiya	23.999097	73.231313	1	1	2	0	4
26	Cluster-1	Interstate Entry Exit Points	Interstate-Sabarkantha	Vijaynagar	Parasoda	24.016755	73.182973	2	1	4	0	7
Total Cluster-1 Interstate Entry-Exit Locations								39	24	68	0	131
Total of Cluster-1								1424	479	1031	0	2934

Cluster-2 Cameras Survey												
Cluster-2 Phase-2 New Locations												
Sr. No.	Cluster	Details	District	City Name	Junction Name	Let	Long	Type of Cameras				
								Fixed	PTZ	ANPR	RLVD	Total
1	Cluster-2	Phase-2 New City Locations	Amreli	Jafrabad	Giriraj Chowk	20.8670387	71.3660849	5	2	3	0	10
2	Cluster-2	Phase-2 New City Locations	Amreli	Jafrabad	Bandar Chowk	20.8678618	71.3677122	4	2	0	0	6
3	Cluster-2	Phase-2 New City Locations	Amreli	Jafrabad	Husaini Chowk	20.8658093	71.3657521	5	1	0	0	6
4	Cluster-2	Phase-2 New City Locations	Amreli	Jafrabad	Turki Masjid	20.8647813	71.3692627	4	1	0	0	5
5	Cluster-2	Phase-2 New City Locations	Amreli	Jafrabad	Terta Landing Point	20.8582745	71.380084	3	1	0	0	4
6	Cluster-2	Phase-2 New City Locations	Amreli	Jafrabad	Bandar Chowk Chhaperi	20.8686651	71.3674651	3	1	0	0	4
7	Cluster-2	Phase-2 New City Locations	Amreli	Jafrabad	Hanumanji Mandir Samakatha	20.8686962	71.3722316	3	1	0	0	4
8	Cluster-2	Phase-2 New City Locations	Amreli	Jafrabad	Sama Katha Entry Point	20.8731278	71.3670359	4	1	2	0	7
9	Cluster-2	Phase-2 New City Locations	Amreli	Jafrabad	Bus Stand Chowk	20.8669163	71.3647928	4	1	0	0	5
10	Cluster-2	Phase-2 New City Locations	Amreli	Jafrabad	Vipul Autolink Colony	20.864887	71.355501	4	1	2	0	7
11	Cluster-2	Phase-2 New City Locations	Amreli	Jafrabad	Machchhi Market	20.8690728	71.3642918	4	1	0	0	5
12	Cluster-2	Phase-2 New City Locations	Amreli	Rajula	BOB Chock	21.0390724	71.442927	3	0	0	0	3
13	Cluster-2	Phase-2 New City Locations	Amreli	Rajula	Chanda Guest House	21.0387561	71.4462355	4	1	0	0	5
14	Cluster-2	Phase-2 New City Locations	Amreli	Rajula	Post Office Char Rasta	21.039863	71.4471051	4	1	0	0	5
15	Cluster-2	Phase-2 New City Locations	Amreli	Rajula	Tatva Jyot Chock	21.0442249	71.4440795	4	1	3	0	8
16	Cluster-2	Phase-2 New City Locations	Amreli	Rajula	Mahuva Jakat Naka	21.0420543	71.4495881	4	1	4	0	9
17	Cluster-2	Phase-2 New City Locations	Amreli	Rajula	Bus Stand Police Choki	21.0336631	71.4424338	5	1	0	0	6
18	Cluster-2	Phase-2 New City Locations	Amreli	Rajula	Ambedkar Chock	21.0314067	71.4393578	4	1	0	0	5
19	Cluster-2	Phase-2 New City Locations	Amreli	Rajula	Ahir Samaj Gate	21.0232975	71.4361311	3	1	6	0	10
20	Cluster-2	Phase-2 New City Locations	Amreli	Rajula	Agariya Jakat Naka	21.0414507	71.4392614	3	1	2	0	6
21	Cluster-2	Phase-2 New City Locations	Amreli	Rajula	Radhika Hindorana	21.0098114	71.4348004	2	1	0	0	3
22	Cluster-2	Phase-2 New City Locations	Amreli	Rajula	SBI Krushi	21.0313839	71.4437638	2	1	0	0	3
23	Cluster-2	Phase-2 New City Locations	Amreli	Rajula	Marketing Yard Circle	21.034737	71.4435977	5	1	0	0	6
24	Cluster-2	Phase-2 New City Locations	Amreli	Rajula	Narayan Hotel Bherai Road	21.0320259	71.4480698	4	1	2	0	7
25	Cluster-2	Phase-2 New City Locations	Amreli	Rajula	Model School Bherai Road	21.0157713	71.4227914	3	0	2	0	5
26	Cluster-2	Phase-2 New City Locations	Amreli	Rajula	Tower Chock	21.0365639	71.4434593	4	1	0	0	5
27	Cluster-2	Phase-2 New City Locations	Amreli	Rajula	Golden Plaza	21.0377245	71.4415033	4	1	0	0	5
28	Cluster-2	Phase-2 New City Locations	Amreli	Rajula	Holiya Hanuman	21.0413103	71.441901	4	1	0	0	5
29	Cluster-2	Phase-2 New City Locations	Amreli	Rajula	Khakhbai Char Rasta	21.0299048	71.4327246	4	1	0	0	5
30	Cluster-2	Phase-2 New City Locations	Amreli	Savarkundla	Azad Chowk	21.340968	71.3116777	5	1	0	0	6
31	Cluster-2	Phase-2 New City Locations	Amreli	Savarkundla	Shivaji Chowk	21.3431347	71.3135173	3	1	0	0	4
32	Cluster-2	Phase-2 New City Locations	Amreli	Savarkundla	Liliya Bypass Chowkadi	21.35973	71.3183864	4	1	4	0	9
33	Cluster-2	Phase-2 New City Locations	Amreli	Savarkundla	Bhuva Road Chowkadi	21.345783	71.3117387	4	1	0	0	5
34	Cluster-2	Phase-2 New City Locations	Amreli	Savarkundla	Amreli Gate	21.3563194	71.3049789	2	1	2	0	5
35	Cluster-2	Phase-2 New City Locations	Amreli	Savarkundla	Khatar Vadi Chowk	21.3458047	71.3087646	4	1	0	0	5
36	Cluster-2	Phase-2 New City Locations	Amreli	Savarkundla	Navali Chowk	21.3390378	71.3101569	4	1	8	0	13
37	Cluster-2	Phase-2 New City Locations	Amreli	Savarkundla	ST Bus Stand	21.3297938	71.3112247	3	1	0	0	4
38	Cluster-2	Phase-2 New City Locations	Amreli	Savarkundla	Sankul Bypass	21.3043491	71.3156789	3	1	6	0	10
39	Cluster-2	Phase-2 New City Locations	Amreli	Savarkundla	Jesar Bypass	21.3390851	71.3314061	4	1	4	0	9
40	Cluster-2	Phase-2 New City Locations	Amreli	Savarkundla	Marketing Yard Fatak	21.3326946	71.3114635	3	1	0	0	4
41	Cluster-2	Phase-2 New City Locations	Amreli	Savarkundla	Manibhai Chowk	21.3386288	71.3084598	5	1	0	0	6
42	Cluster-2	Phase-2 New City Locations	Amreli	Savarkundla	K.K. High School	21.3337952	71.3036659	4	1	0	0	5
43	Cluster-2	Phase-2 New City Locations	Amreli	Savarkundla	Neshadi Gate	21.3455201	71.2982746	2	1	2	0	5
44	Cluster-2	Phase-2 New City Locations	Amreli	Savarkundla	Hathasani Enterence Road	21.3304988	71.2846368	2	1	4	0	7
45	Cluster-2	Phase-2 New City Locations	Amreli	Savarkundla	Gandhi Chowk	21.3414844	71.3082174	4	1	0	0	5

46	Cluster-2	Phase-2 New City Locations	Amreli	Savarkundla	Nurani Chowk	21.3288436	71.3089303	3	1	0	0	4
47	Cluster-2	Phase-2 New City Locations	Amreli	Savarkundla	Railway Station Road Chowkadi	21.33773	71.3142772	3	1	0	0	4
48	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	BHADROD POLICE CHOKI	21.092401	71.772159	5	2	0	0	7
49	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	NICHA KOTADA ROAD CHOWK	21.102686	71.783266	2	1	0	0	3
50	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	VADALI CHOKADI	21.107253	71.785723	3	2	8	0	13
51	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	BUS STAND TEA POINT CHOK	21.106627	71.757681	3	1	2	0	6
52	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	NESVAD CHOKADI	21.098919	71.75034	4	2	8	0	14
53	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	MOTA JADARADA ROAD CHOKADI	21.085819	71.745755	2	0	2	0	4
54	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	VICTOR CHOKADI	21.070665	71.750592	3	2	9	0	14
55	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	BARAPARA ROAD	21.08288	71.769511	4	2	0	0	6
56	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	MAGAN KARSHAN PUTALU CHOK	21.083406	71.765806	4	2	0	0	6
57	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	MAASUMBHAI NI VADI	21.086561	71.765795	2	1	0	0	3
58	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	MEGHADUT CINEMA CHOK	21.091858	71.767491	4	2	0	0	6
59	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	GANDHI NU PUTADU CHOK	21.089308	71.766828	3	1	0	0	4
60	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	VASI TALAV CHOK	21.088771	71.768587	4	2	0	0	6
61	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	SONI BAJAR CHOK	21.08924	71.771475	3	1	0	0	4
62	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	PIRJADA CHOK	21.089959	71.771706	3	0	0	0	3
63	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	HUSAINI CHOK	21.090589	71.7734	4	1	0	0	5
64	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	ST BUS STAND	21.09502	71.766466	2	1	0	0	3
65	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	HIRA BAJAR	21.095573	71.759918	2	1	0	0	3
66	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	KUBER BAG	21.092309	71.763785	6	2	0	0	8
67	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	PEVELION GROUND CHOK (SHAK MARKET)	21.089753	71.761263	4	1	0	0	5
68	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	PARSHURAM CHOK	21.087792	71.762985	4	1	0	0	5
69	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	COLLAGE CHOK	21.084632	71.759742	4	1	0	0	5
70	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	SWAMI NARAYAN CHOK	21.080898	71.757021	4	1	0	0	5
71	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	MANGAL MURTI CHOK	21.088981	71.751815	3	1	0	0	4
72	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	BAGICHA CHOK	21.092089	71.769315	4	2	0	0	6
73	Cluster-2	Phase-2 New City Locations	Bhavnagar	MAHUVA	MORARI BAPU GHAR CHOK	21.089182	71.759936	4	1	0	0	5
74	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	Krushn Park	21.7338276	71.9766089	2	0	4	0	6
75	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	Dada Ni Vav	21.7256255	71.9653064	4	1	0	0	5
76	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	tower Chok	21.7198768	71.959706	2	1	0	0	3
77	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	Ghanghali Railway Fatak	21.725772	71.959477	4	1	0	0	5
78	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	Ghanghali chowkdi	21.770111	71.947469	3	1	2	0	6
79	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	Shihor Railway Station	21.723947	71.957269	1	1	0	0	2
80	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	Vadala Chok	21.716748	71.95908	4	1	0	0	5
81	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	Sarkari Hospital	21.715853	71.959443	1	1	0	0	2
82	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	Ambedkar chok	21.712882	71.960675	3	1	0	0	4
83	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	Mota Chok	21.711296	71.962719	2	1	0	0	3
84	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	Kharakuva Chok	21.711169	71.964195	0	1	0	0	1
85	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	Pinjara No Dhal	21.710367	71.960041	2	0	0	0	2
86	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	Jaluno Chok	21.711401	71.96004	4	1	0	0	5
87	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	Makat No Dhal	21.712121	71.961429	2	0	0	0	2
88	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	Ghachiwad	21.710557	71.958547	2	0	0	0	2
89	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	Surkaano Delo	21.709566	71.956416	4	2	0	0	6
90	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	Leela Pir Ground	21.707162	71.956295	3	1	0	0	4
91	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	Firing But Chok	21.702662	71.961728	2	0	2	0	4
92	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	Ramnath Road (School No-3 chok)	21.709455	71.963973	1	1	0	0	2
93	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	Circuit House (Rani laxmi Bai chok)	21.711616	71.95217	1	1	0	0	2
94	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	Valaval Railway Fatak	21.71477	71.9414774	2	0	4	0	6

95	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	St Bus Stand	21.09502	71.766466	1	1	0	0	2
96	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	Nesda Railway fatak	21.7306	71.966677	2	0	0	0	2
97	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	Navagam Kanivav	21.74156	71.976265	1	0	2	0	3
98	Cluster-2	Phase-2 New City Locations	Bhavnagar	Shihor	GIDC - 2	21.728248	71.957369	3	0	0	0	3
99	Cluster-2	Phase-2 New City Locations	Devbhumi Dwarka	Okha	Dwarkadish pan Chowk	22.474586	69.07833333	3	1	0	0	4
100	Cluster-2	Phase-2 New City Locations	Devbhumi Dwarka	Okha	Chopati	22.4771693	69.0795519	0	3	0	0	3
101	Cluster-2	Phase-2 New City Locations	Devbhumi Dwarka	Okha	Dwarkadish Temple	22.477357	69.0747638	3	0	0	0	3
102	Cluster-2	Phase-2 New City Locations	Devbhumi Dwarka	Okha	Doctor Pan Chowk	22.4743559	69.0735189	4	1	0	0	5
103	Cluster-2	Phase-2 New City Locations	Devbhumi Dwarka	Okha	Subhash Chowk	22.4729156	69.0701839	4	0	0	0	4
104	Cluster-2	Phase-2 New City Locations	Devbhumi Dwarka	Okha	Railway fatak-Usha Cinema	22.4708884	69.0692633	5	1	4	0	10
105	Cluster-2	Phase-2 New City Locations	Devbhumi Dwarka	Okha	Bus stand	22.4707636	69.0702406	3	1	0	0	4
106	Cluster-2	Phase-2 New City Locations	Devbhumi Dwarka	Okha	Railway Station	21.608058	71.227356	3	1	0	0	4
107	Cluster-2	Phase-2 New City Locations	Devbhumi Dwarka	Okha	Shiv Temple	22.471245	69.078177	1	1	0	0	2
108	Cluster-2	Phase-2 New City Locations	Devbhumi Dwarka	Okha	Jetty Gate	22.4669397	69.0769371	2	2	4	0	8
109	Cluster-2	Phase-2 New City Locations	Devbhumi Dwarka	Okha	Dalda Bandar Gate	22.4586398	69.0718291	2	1	4	0	7
110	Cluster-2	Phase-2 New City Locations	Devbhumi Dwarka	Okha	Okha Main Entry-Exit	22.4551536	69.0676251	2	1	4	0	7
111	Cluster-2	Phase-2 New City Locations	Devbhumi Dwarka	Okha	Court Chowk	22.466391	69.0663675	5	1	2	0	8
112	Cluster-2	Phase-2 New City Locations	Devbhumi Dwarka	Okha	Ram Mandir Chowk	22.4688733	69.0698704	4	1	0	0	5
113	Cluster-2	Phase-2 New City Locations	Devbhumi Dwarka	Okha	Madrasha Chowk	22.4676096	69.0707941	4	1	0	0	5
114	Cluster-2	Phase-2 New City Locations	Devbhumi Dwarka	Okha	okha-Aarambhada Entry/Exit	22.435646	69.041154	1	1	0	0	2
115	Cluster-2	Phase-2 New City Locations	Devbhumi Dwarka	Okha	Aarambhada-Nageswar Road	22.429695	69.037235	1	1	0	0	2
116	Cluster-2	Phase-2 New City Locations	Devbhumi Dwarka	Okha	Gopi Village Road	22.425286	69.030563	1	1	0	0	2
117	Cluster-2	Phase-2 New City Locations	Devbhumi Dwarka	Okha	Madhuram Furniture	22.421045	69.019109	2	1	0	0	3
118	Cluster-2	Phase-2 New City Locations	Devbhumi Dwarka	Okha	Vir Bhagatsinh Marg	22.416359	69.014066	2	1	0	0	3
119	Cluster-2	Phase-2 New City Locations	Devbhumi Dwarka	Okha	Sankar Lake	22.418346	69.02048	2	1	0	0	3
120	Cluster-2	Phase-2 New City Locations	Gir-somnath	Una	Tower Chowk	20.8669423	71.3665246	4	2	0	0	6
121	Cluster-2	Phase-2 New City Locations	Gir-somnath	Una	Delwada Entry Gate	20.77263	71.04542	6	1	3	0	10
122	Cluster-2	Phase-2 New City Locations	Gir-somnath	Una	Lamdhar Bypass Road Entry Gate	20.81216	71.01597	2	0	2	0	4
123	Cluster-2	Phase-2 New City Locations	Gir-somnath	Una	Trikon Baug	20.82392	71.04054	4	2	0	0	6
124	Cluster-2	Phase-2 New City Locations	Gir-somnath	Una	Mamlatdar Office Chowk	20.8278	71.03918	2	1	0	0	3
125	Cluster-2	Phase-2 New City Locations	Gir-somnath	Una	Gadhada Road Entry Gate	20.84379	71.02942	2	0	2	0	4
126	Cluster-2	Phase-2 New City Locations	Gir-somnath	Una	Una Bus Stop	20.82606	71.04279	1	1	0	0	2
127	Cluster-2	Phase-2 New City Locations	Gir-somnath	Una	Vadla Chowk	20.82682	71.04501	5	1	0	0	6
128	Cluster-2	Phase-2 New City Locations	Gir-somnath	Una	Kansari Bypass Road Entry Gate	20.84233	71.05197	2	0	2	0	4
129	Cluster-2	Phase-2 New City Locations	Gir-somnath	Una	Nathej Bypass Road Entry Gate	20.83918	71.06762	2	0	2	0	4
130	Cluster-2	Phase-2 New City Locations	Gir-somnath	Una	Mota Peer Dargah(Kabarastan)	20.82036	71.04674	2	1	0	0	3
131	Cluster-2	Phase-2 New City Locations	Gir-somnath	Una	Kadri Manzil Chowk	20.82186	71.047	3	1	0	0	4
132	Cluster-2	Phase-2 New City Locations	Gir-somnath	Una	Kaman Gate(Old Police Station Road)	20.82275	71.04486	3	0	0	0	3
133	Cluster-2	Phase-2 New City Locations	Gir-somnath	Una	Luhar Chowk	20.82392	71.04482	3	1	0	0	4
134	Cluster-2	Phase-2 New City Locations	Gir-somnath	Una	Milan Complex Chowk	20.8232	71.04369	3	1	0	0	4
135	Cluster-2	Phase-2 New City Locations	Gir-somnath	Una	Soni Bazar	20.82248	71.04464	2	0	0	0	2
136	Cluster-2	Phase-2 New City Locations	Gir-somnath	Una	Post Office Chowk	20.82087	71.04312	2	1	0	0	3
137	Cluster-2	Phase-2 New City Locations	Gir-somnath	Una	Sarkari Hospital	20.81828	71.0383	3	1	0	0	4
138	Cluster-2	Phase-2 New City Locations	Gir-somnath	Una	Vashingpur Bypass Entry Gate	20.83166	71.01771	2	0	2	0	4
139	Cluster-2	Phase-2 New City Locations	Jamnagar	Kalavad	Vavdi Chowkadi	22.218321	70.375078	4	1	4	0	9
140	Cluster-2	Phase-2 New City Locations	Jamnagar	Kalavad	S T Bus Stand	22.207183	70.381755	2	1	0	0	3
141	Cluster-2	Phase-2 New City Locations	Jamnagar	Kalavad	PWD Circle	22.21451	70.383381	4	2	6	0	12
142	Cluster-2	Phase-2 New City Locations	Jamnagar	Kalavad	Murilla Gate Chowki	22.206668	70.383562	3	1	0	0	4
143	Cluster-2	Phase-2 New City Locations	Jamnagar	Kalavad	Kailashnagar	22.213919	70.38673	3	1	4	0	8

144	Cluster-2	Phase-2 New City Locations	Jamnagar	Kalavad	Mamalatdar Kacheri	22.209474	70.38187	3	1	0	0	4
145	Cluster-2	Phase-2 New City Locations	Jamnagar	Kalavad	Saradar Chowk-Bavlu	22.206269	70.381882	3	1	0	0	4
146	Cluster-2	Phase-2 New City Locations	Jamnagar	Kalavad	Balambhadi Naku	22.202998	70.383887	4	1	0	0	5
147	Cluster-2	Phase-2 New City Locations	Jamnagar	Kalavad	Vrundavan Hotel	22.194411	70.383384	2	1	2	0	5
148	Cluster-2	Phase-2 New City Locations	Jamnagar	Kalavad	Machhali Vad Chowkadi-PGVCL Office	22.220168	70.362307	3	1	0	0	4
149	Cluster-2	Phase-2 New City Locations	Jamnagar	Kalavad	New APMC	22.21868	70.369777	1	1	0	0	2
150	Cluster-2	Phase-2 New City Locations	Jamnagar	Kalavad	Main Market Road- Ram Mandir Road	22.204356	70.382991	3	0	0	0	3
151	Cluster-2	Phase-2 New City Locations	Junagadh	Keshod	Chandigadh Patiya	21.29250141	70.22484306	4	2	2	0	8
152	Cluster-2	Phase-2 New City Locations	Junagadh	Keshod	Sekh Garaj	21.3028602	70.24396956	3	1	0	0	4
153	Cluster-2	Phase-2 New City Locations	Junagadh	Keshod	Sarad Chowk	21.30256329	70.2460134	5	1	0	0	6
154	Cluster-2	Phase-2 New City Locations	Junagadh	Keshod	Amba Vadi	21.30093476	70.24778802	3	1	0	0	4
155	Cluster-2	Phase-2 New City Locations	Junagadh	Keshod	Railway Station Circle	21.29792752	70.25074717	4	1	0	0	5
156	Cluster-2	Phase-2 New City Locations	Junagadh	Keshod	Bus Stand	22.4707636	69.0702406	2	1	0	0	3
157	Cluster-2	Phase-2 New City Locations	Junagadh	Keshod	GIDC - Angel Pipe & Nilak Mozek	21.26782149	70.25680661	2	1	0	0	3
158	Cluster-2	Phase-2 New City Locations	Junagadh	Keshod	Sondarda Bypass	21.2523501	70.25872506	2	1	4	0	7
159	Cluster-2	Phase-2 New City Locations	Junagadh	Keshod	Keshod - Junagadh Bypass	21.32464967	70.24697732	3	2	4	0	9
160	Cluster-2	Phase-2 New City Locations	Junagadh	Keshod	Dipatri Durniture	21.31008603	70.2479523	3	1	0	0	4
161	Cluster-2	Phase-2 New City Locations	Junagadh	Keshod	Navi Civil Hospital	21.30292674	70.24878882	4	1	0	0	5
162	Cluster-2	Phase-2 New City Locations	Junagadh	Keshod	Sutravav Chowk	21.30321943	70.24788525	2	1	0	0	3
163	Cluster-2	Phase-2 New City Locations	Junagadh	Keshod	Char Chowk Road	21.30081106	70.24998207	4	2	10	0	16
164	Cluster-2	Phase-2 New City Locations	Junagadh	Keshod	Fuvara Chowk	21.29932509	70.25409825	4	1	0	0	5
165	Cluster-2	Phase-2 New City Locations	Junagadh	Keshod	HP Petroleum Akxaygadh Road	21.29495209	70.27208447	2	0	2	0	4
166	Cluster-2	Phase-2 New City Locations	Junagadh	Keshod	Court Cross Road	21.30271683	70.25784094	4	1	0	0	5
167	Cluster-2	Phase-2 New City Locations	Junagadh	Keshod	Airport Road	21.30979554	70.26155815	2	1	0	0	3
168	Cluster-2	Phase-2 New City Locations	Junagadh	Keshod	Machhi Market	21.305952	70.245096	4	1	0	0	5
169	Cluster-2	Phase-2 New City Locations	Junagadh	Keshod	D P Road - V.C.Public School	21.291514	70.245691	3	1	0	0	4
170	Cluster-2	Phase-2 New City Locations	Junagadh	Keshod	Sondarda Power Station	21.26033674	70.24685528	2	0	2	0	4
171	Cluster-2	Phase-2 New City Locations	Junagadh	Keshod	Mahendrasihn Chowk	21.29766106	70.24877306	4	1	0	0	5
172	Cluster-2	Phase-2 New City Locations	Junagadh	Keshod	Lohana Vadi	21.30089696	70.24608716	2	1	0	0	3
173	Cluster-2	Phase-2 New City Locations	Junagadh	Mangrol	Keshod Chowkdi	21.13207104	70.11918414	4	1	8	0	13
174	Cluster-2	Phase-2 New City Locations	Junagadh	Mangrol	Kamnath Chowkdi	21.12597457	70.12447882	3	1	6	0	10
175	Cluster-2	Phase-2 New City Locations	junagadh	Mangrol	Jetkham Chowkdi	21.12148665	70.12628462	2	1	2	0	5
176	Cluster-2	Phase-2 New City Locations	Junagadh	Mangrol	Veraval Chowkdi	21.11835128	70.12566369	3	1	4	0	8
177	Cluster-2	Phase-2 New City Locations	Junagadh	Mangrol	New Bus Stand	21.12030006	70.12059566	4	1	0	0	5
178	Cluster-2	Phase-2 New City Locations	Junagadh	Mangrol	Shapur Japa	21.11864027	70.11788528	2	1	0	0	3
179	Cluster-2	Phase-2 New City Locations	Junagadh	Mangrol	Bandar Japa	21.11757001	70.11298791	3	1	0	0	4
180	Cluster-2	Phase-2 New City Locations	Junagadh	Mangrol	Kathi Vadla	21.11236496	70.10868598	4	2	4	0	10
181	Cluster-2	Phase-2 New City Locations	Junagadh	Mangrol	Muktpur Japa	21.12193639	70.1096784	4	1	0	0	5
182	Cluster-2	Phase-2 New City Locations	Junagadh	Mangrol	Gandhi Chowk	21.3414844	71.3082174	5	2	0	0	7
183	Cluster-2	Phase-2 New City Locations	Junagadh	Mangrol	Gulzar Chowk	21.11941	70.11278	2	1	0	0	3
184	Cluster-2	Phase-2 New City Locations	Junagadh	Mangrol	Limba Chowk	21.12228698	70.11692472	4	2	0	0	6
185	Cluster-2	Phase-2 New City Locations	Junagadh	Mangrol	Tower Chowk	20.8669423	71.3665246	2	1	0	0	3
186	Cluster-2	Phase-2 New City Locations	Junagadh	Mangrol	Civil Hospital	21.604524	71.221119	1	1	0	0	2
187	Cluster-2	Phase-2 New City Locations	Junagadh	Mangrol	Varambag	21.13370035	70.10140076	2	0	2	0	4
188	Cluster-2	Phase-2 New City Locations	Junagadh	Mangrol	Udiya Nersary	21.13417257	70.10912117	1	1	2	0	4
189	Cluster-2	Phase-2 New City Locations	Junagadh	Mangrol	Animal Hospital	21.13317247	70.11322059	1	1	2	0	4
190	Cluster-2	Phase-2 New City Locations	Morbi	Vankaner	Pul Darawaja	22.611249	70.942609	6	1	0	0	7
191	Cluster-2	Phase-2 New City Locations	Morbi	Vankaner	Rati Devali Gam, Raj PaN ,HP Pump	22.6256	70.921582	2	0	2	0	4
192	Cluster-2	Phase-2 New City Locations	Morbi	Vankaner	Sahbava Mazahar Pul Road	22.614612	70.940031	3	0	0	0	3

193	Cluster-2	Phase-2 New City Locations	Morbi	Vankaner	Amar Sinhji Statue	22.609963	70.941245	3	1	0	0	4
194	Cluster-2	Phase-2 New City Locations	Morbi	Vankaner	Kumbhar Para Chowk	22.60887	70.943693	3	0	0	0	3
195	Cluster-2	Phase-2 New City Locations	Morbi	Vankaner	Panchasar Chowkdi	N/A	N/A	4	0	0	0	4
196	Cluster-2	Phase-2 New City Locations	Morbi	Vankaner	Vivekanand Statue	22.601101	70.944481	4	1	0	0	5
197	Cluster-2	Phase-2 New City Locations	Morbi	Vankaner	Danapith Chowk	22.609757	70.948283	3	1	0	0	4
198	Cluster-2	Phase-2 New City Locations	Morbi	Vankaner	Old Kuva	22.609977	70.947477	3	0	0	0	3
199	Cluster-2	Phase-2 New City Locations	Morbi	Vankaner	Jakat Naka	22.608758	70.953767	3	1	0	0	4
200	Cluster-2	Phase-2 New City Locations	Morbi	Vankaner	Shivshakti motors (hero) Chotila Highway	22.605886	70.956285	4	0	4	0	8
201	Cluster-2	Phase-2 New City Locations	Morbi	Vankaner	ST. Marry mil plot	22.616874	70.957638	3	1	0	0	4
202	Cluster-2	Phase-2 New City Locations	Morbi	Vankaner	Halvad Chowkdi	22.638346	70.961031	3	0	0	0	3
203	Cluster-2	Phase-2 New City Locations	Morbi	Vankaner	GIDC NAKA road,	22.617846	70.952859	4	1	4	0	9
204	Cluster-2	Phase-2 New City Locations	Morbi	Vankaner	Limda Chowk	22.609496	70.94996	2	1	0	0	3
205	Cluster-2	Phase-2 New City Locations	Morbi	Vankaner	Green Chowk	22.611274	70.948028	2	1	0	0	3
206	Cluster-2	Phase-2 New City Locations	Morbi	Vankaner	Chavdi Chowk	22.612727	70.944532	3	0	0	0	3
207	Cluster-2	Phase-2 New City Locations	Morbi	Vankaner	Morbi firing butt	22.588876	70.931545	4	0	4	0	8
208	Cluster-2	Phase-2 New City Locations	Morbi	Vankaner	Amarsir Fatak	22.586396	70.924179	2	0	0	0	2
209	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Kotda Chokdi	21.986	70.8125	4	0	2	0	6
210	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Vachhra Chokdi	21.9678	70.8249	4	0	0	0	4
211	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Dharieswar Chokdi(Atkot Road)	21.96777	70.82812	3	1	2	0	6
212	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Moviya Chokdi	21.95646	70.80679	5	2	0	0	7
213	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Rupavati Road	21.95115	70.81494	1	0	2	0	3
214	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Panjara Pol	21.95816	70.8035	3	1	0	0	4
215	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Chordi Darvaja/Udhyog Bharati	21.95877	70.80212	4	1	0	0	5
216	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Gondal Sub Jail	21.93784	70.79283	3	1	2	0	6
217	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Slum Quarter Entery	21.94122	70.79455	2	1	0	0	3
218	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Chardukan Chowk Vora Kotda Road	21.9508	70.793804	4	0	0	0	4
219	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Vrundavan Socity	21.94936	70.78112	4	0	0	0	4
220	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Kanaiya Hotel	21.94052	70.77177	5	1	6	0	12
221	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Gundala Chokdi	21.96127	70.78142	6	2	4	0	12
222	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Marketing Yard	21.96578	70.78328	0	2	0	0	2
223	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Umvada Junction	21.97333	70.78913	3	1	2	0	6
224	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Maa Aashapura Chokdi	21.98533	70.79919	6	1	6	0	13
225	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	ITI Underbridge	21.97992	70.79616	4	0	0	0	4
226	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Akshar Mandir	21.975868	70.800965	3	1	0	0	4
227	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Lalpul	21.974457	70.797138	3	1	0	0	4
228	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Railway Station	21.608058	71.227356	3	1	0	0	4
229	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Collage Chowk	21.96904	70.80024	6	3	0	0	9
230	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Central Je.Ka. Chowk	21.96567	70.80235	5	0	0	0	5
231	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Mandvi Chowk	22.462766	70.07752	7	1	0	0	8
232	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Ambedkar Chowk (Bhola Pan)	21.96337	70.79951	5	1	0	0	6
233	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Darbar Deri (Soni Bazar)	21.96235	70.80189	3	0	0	0	3
234	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Gundala Darvaja	21.96205	70.79899	4	0	0	0	4
235	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Alakhno Oto	21.96489	70.79549	3	0	0	0	3
236	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Bus Stand Chowk	20.8669163	71.3647928	3	1	0	0	4
237	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Jetpur Trikon	21.95588	70.79431	5	1	0	0	6
238	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Gondal	Hospital Chowk	21.96698	70.80473	4	1	0	0	5
239	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Dharieswar Chokdi	21.77928	70.63775	2	0	5	0	7
240	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Jetpur Bypass	21.71805	70.58861	3	1	6	0	10
241	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	S. Kumar Residency	21.73627	70.6074	4	0	0	0	4

242	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Kenal Road	21.11361135	70.10833494	4	0	0	0	4
243	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Kenal Bangla Road	21.74276	70.61428	2	0	0	0	2
244	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Chaprajpur Fatak	21.73583	70.63989	4	0	2	0	6
245	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Jithudi Hanuman	21.72512	70.61606	4	0	0	0	4
246	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Salang Pul Exit	21.74779	70.63227	4	1	4	0	9
247	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Derdi Road (Dhabi Pul)	21.75004	70.64083	2	0	2	0	4
248	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Sama Katha Chowk (Khodiya Process)	21.76099	70.63153	4	0	0	0	4
249	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Fulvadi Chowk	21.75846	70.62555	4	0	0	0	4
250	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Bus Stand	22.4707636	69.0702406	2	1	0	0	3
251	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Tin Batti Chowk	24.250689	72.173	4	1	0	0	5
252	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Nazavada Para	21.76166	70.62106	5	0	0	0	5
253	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Navagadh Railway Station	21.76377	70.6167	3	0	0	0	3
254	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Ramiya Hanuman Chowk (Bhadar No Juno Pul)	21.76733	70.62401	3	0	0	0	3
255	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Prakash Chowk (Sama Kathe)	21.76851	70.63082	2	0	0	0	2
256	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Railway Garnaala Juno Rajkot Road	21.77037	70.62997	6	0	0	0	6
257	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Rabarika Chokdi	21.77341	70.62974	2	0	4	0	6
258	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Jama Masjid(SBI Chowk)	21.77008	70.61747	2	0	0	0	2
259	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Radha Prints (Gadhni Rang)	21.76846	70.61741	4	0	0	0	4
260	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Navagadh Chokdi	21.77149	70.61755	6	2	6	0	14
261	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Baldevdhar (St. Francis School)	21.76595	70.60799	8	1	0	0	9
262	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Tatkal Hanuman Chokdi	21.75372	70.59471	1	2	2	0	5
263	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Dhoraji Road Kenal Chowk	21.75449	70.61011	5	0	0	0	5
264	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Sardar Chowk	22.7483505	72.6848787	5	1	0	0	6
265	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Banglano Khuno (Amarnagar Road)	21.74591	70.6195	4	0	0	0	4
266	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Takudipara Garbi Chowk	21.74995	70.62378	4	0	0	0	4
267	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Ambedkar Chowk (Patel Television)	21.754888	70.620723	3	1	0	0	4
268	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Desai Vadi (Shak Market)	21.749513	70.616547	2	1	0	0	3
269	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Sundaram Park	21.743949	70.61203	2	0	0	0	2
270	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Yoginagar (Near Garden)	21.739438	70.620099	2	0	0	0	2
271	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Juno Rupavati Road	21.743258	70.627154	2	0	0	0	2
272	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Vadli Chowk	21.75253	70.628854	3	0	0	0	3
273	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Nana Chowk	21.75461	70.627834	5	0	0	0	5
274	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Mota Chowk	21.755489	70.628545	3	0	0	0	3
275	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Soni Bazaar (Juna Swami Mandir Road)	21.754846	70.627354	2	0	0	0	2
276	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Ladi Road	21.75498	70.626334	4	0	0	0	4
277	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Matwa Sheri	21.754331	70.625938	2	0	0	0	2
278	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Bokhala Darvaja	21.752399	70.624955	3	1	0	0	4
279	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Matwa Sheri Entry	21.754313	70.623292	3	0	0	0	3
280	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Stand Chowk	21.75501	70.62318	6	1	0	0	7
281	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Kanakiya Plot	21.756136	70.620592	4	0	0	0	4
282	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Sidapara Hospital	21.757845	70.61963	4	0	0	0	4
283	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Jetpur	Juno Panch Pipda Road	21.759556	70.618736	3	0	0	0	3
284	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Kolki Road Gausala	21.76134	70.26495	1	0	2	0	3
285	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Kolki Bypass (Underbridge)	21.75636	70.27071	4	0	0	0	4
286	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Bhadar Police Choki	21.73184	70.2884	1	0	2	0	3
287	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Ashvin Chowk	21.73681	70.28441	5	1	0	0	6
288	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Gandhi Chowk	21.3414844	71.3082174	6	1	0	0	7
289	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Soni Bazar	20.82248	71.04464	5	0	0	0	5
290	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Zakariya Masjid Chowk	21.74072	70.28645	5	0	0	0	5

291	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Dhoraji Bypass	21.74615	70.30439	1	0	2	0	3
292	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Nagnath Chowk	21.74446	70.28835	4	1	0	0	5
293	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Bhayavadar Road	21.75249	70.2898	2	0	2	0	4
294	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Dwarkadhis Society	21.7465	70.28737	3	0	0	0	3
295	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Railway Station Chowk	21.7454	70.2825	2	0	0	0	2
296	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Zilmil Chowk	21.74584	70.28063	3	1	0	0	4
297	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Aambedkar Chowk (Bus Stand)	21.74194	70.27726	6	2	0	0	8
298	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Bapuna Bavla Chowk (Bhagvatsinhji Circle)	21.74144	70.28095	4	2	0	0	6
299	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Bambagate Choki(Katleri Market Taraf)	21.74136	70.28399	4	0	0	0	4
300	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Darbar Gadh	21.74106	70.28843	3	0	0	0	3
301	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Ramgadh (Dhoraji Darvaja)	21.73766	70.28912	3	0	0	0	3
302	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Vikram Chowk	21.73537	70.27985	4	0	0	0	4
303	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Gadhagam Palo	21.72937	70.27838	3	0	0	0	3
304	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Murakhda ni Gari (Krishna Socity)	21.73986	70.2651	2	0	0	0	2
305	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Dhank ni Gari (Mo.La.Patel Nagar)	21.74654	70.26692	2	0	0	0	2
306	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Vrundavan Park (Dhank ni Gari)	21.7439	70.27284	4	0	0	0	4
307	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Swaminarayan Temple	21.74691	70.27096	3	0	0	0	3
308	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Ghetiya School	21.75127	70.27038	2	0	0	0	2
309	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Kamdar Chowk	21.74709	70.27727	4	0	0	0	4
310	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Upleta	Jay Vadvala Hotel	21.72852	70.24538	2	0	4	0	6
311	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Poonam Plastic Industris	21.70856	70.45208	1	0	2	0	3
312	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Hotel Goverdhan	21.7206	70.4492	2	0	0	0	2
313	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Kaneriya School	21.7251	70.44831	5	0	0	0	5
314	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Bavla Chowk (Bhagavtsinhji Chowk)	21.7285	70.44597	4	1	0	0	5
315	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Railway Station	21.608058	71.227356	2	0	0	0	2
316	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Lauva Patel Samaj	21.72903	70.44202	4	0	0	0	4
317	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Jammavad Road Fatak	21.72443	70.43756	1	0	2	0	3
318	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Prashant Petroleum	21.73205	70.44481	4	1	0	0	5
319	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Bhola Patiya	21.73894	70.41487	1	0	2	0	3
320	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Radhe Dairy (Juno Upleta Road)	21.7334	70.43938	3	0	0	0	3
321	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Post-Office Chowk	21.73284	70.44608	6	0	0	0	6
322	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Galaxy Chowk	21.7335	70.44837	5	1	0	0	6
323	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Tran Darwaja (Aazad Chowk)	21.73473	70.44895	2	1	0	0	3
324	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Darbargadh Chowk	21.73867	70.45012	6	0	0	0	6
325	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Bazar Chakla Chowk	21.73681	70.44951	4	1	0	0	5
326	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Ghani Kotha	21.73759	70.45057	3	0	0	0	3
327	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Nadi Bazar Chowk	21.73988	70.44975	3	1	0	0	4
328	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Bhukhi Chokdi	21.74849	70.44719	1	0	2	0	3
329	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Nasib Chowk	21.74356	70.4492	4	1	0	0	5
330	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Shakmarket Chowk	21.74032	70.45347	4	1	0	0	5
331	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Sardar Chowk	22.7483505	72.6848787	5	1	0	0	6
332	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Jamkandorna Chokdi	21.74774	70.45733	2	0	4	0	6
333	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Aavkar Chodki	21.74034	70.46654	1	0	2	0	3
334	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Bus-Stand	21.73588	70.45915	2	0	0	0	2
335	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Fareni Road	21.7299	70.46949	1	0	2	0	3
336	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Swati Chowk	21.73548	70.45584	4	0	0	0	4
337	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Aveda Chowk	21.73485	70.45343	4	1	0	0	5
338	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Teli Hospital	21.73206	70.44969	4	0	0	0	4
339	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	GEB	21.72514	70.45184	4	0	0	0	4

340	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Santoshimaa Garbi Chowk	21.7248	70.44373	5	0	0	0	5
341	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Datar Vadi (Hirapara Vadi)	21.73161	70.45593	4	0	0	0	4
342	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Manhar Bhel	21.73401	70.45043	4	0	0	0	4
343	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Bhulka Garbi Chowk	21.73841	70.45601	5	0	0	0	5
344	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Jamkandorna Jakatnaka	21.74293	70.45632	2	0	0	0	2
345	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Hirapara Vadi Main Road (Khodiyar Mandir)	21.72974	70.45354	3	0	0	0	3
346	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Vokda Katha Chowk	21.73807	70.44706	4	0	0	0	4
347	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Darbari Vada	21.73527	70.44586	4	0	0	0	4
348	Cluster-2	Phase-2 New City Locations	Rajkot (Rural)	Dhoraji	Sanjay Nagar	21.72595	70.43123	3	0	0	0	3
349	Cluster-2	Phase-2 New City Locations	Surendranagar	Dhrangadhra	Halwad Police Chocky	22.996855	71.457149	3	1	0	0	4
350	Cluster-2	Phase-2 New City Locations	Surendranagar	Dhrangadhra	Ghat darwaja tri road	22.993818	71.460105	2	1	0	0	3
351	Cluster-2	Phase-2 New City Locations	Surendranagar	Dhrangadhra	Rokadiya hanuman Circle	22.990862	71.461406	3	1	0	0	4
352	Cluster-2	Phase-2 New City Locations	Surendranagar	Dhrangadhra	Bus Station	24.390686	71.6291	2	1	0	0	3
353	Cluster-2	Phase-2 New City Locations	Surendranagar	Dhrangadhra	Vidhya Vihar School	22.982445	71.454469	1	1	2	0	4
354	Cluster-2	Phase-2 New City Locations	Surendranagar	Dhrangadhra	Youngster Circle	22.988563	71.466765	4	1	0	0	5
355	Cluster-2	Phase-2 New City Locations	Surendranagar	Dhrangadhra	DCW circle	22.989666	71.472421	6	1	0	0	7
356	Cluster-2	Phase-2 New City Locations	Surendranagar	Dhrangadhra	Green Chowk	22.611274	70.948028	3	1	0	0	4
357	Cluster-2	Phase-2 New City Locations	Surendranagar	Dhrangadhra	Rajkamal Chowk	22.991402	71.466285	3	1	0	0	4
358	Cluster-2	Phase-2 New City Locations	Surendranagar	Dhrangadhra	Mochiwad Tri road	22.994991	71.470501	3	1	0	0	4
359	Cluster-2	Phase-2 New City Locations	Surendranagar	Dhrangadhra	Lal Thado chowk	22.992698	71.470021	3	1	0	0	4
360	Cluster-2	Phase-2 New City Locations	Surendranagar	Dhrangadhra	Jumma Masjid chock	22.99139	71.463076	3	1	0	0	4
361	Cluster-2	Phase-2 New City Locations	Surendranagar	Dhrangadhra	Gandhibag Tri Road	22.997317	71.46653	2	1	0	0	3
362	Cluster-2	Phase-2 New City Locations	Surendranagar	Dhrangadhra	Kalpna Chokdi	22.998151	71.493174	5	2	10	0	17
363	Cluster-2	Phase-2 New City Locations	Surendranagar	Dhrangadhra	Kuda Chokdi	22.230171	71.457527	2	1	2	0	5
364	Cluster-2	Phase-2 New City Locations	Surendranagar	Dhrangadhra	Bhagwat dham Circle	22.998216	71.44333	4	2	4	0	10
365	Cluster-2	Phase-2 New City Locations	Surendranagar	Dhrangadhra	Radhakrishna temple	22.966673	71.493901	2	1	2	0	5
366	Cluster-2	Phase-2 New City Locations	Surendranagar	Limbdi	Limbdi Highway Circle	22.574739	71.808127	4	2	6	0	12
367	Cluster-2	Phase-2 New City Locations	Surendranagar	Limbdi	Honest Hotel Chowk	22.574774	71.815905	4	1	10	0	15
368	Cluster-2	Phase-2 New City Locations	Surendranagar	Limbdi	Bhalgamda gate circle	22.569185	71.812602	4	1	0	0	5
369	Cluster-2	Phase-2 New City Locations	Surendranagar	Limbdi	Sarvaiya char Rasta	22.566366	71.812045	4	1	0	0	5
370	Cluster-2	Phase-2 New City Locations	Surendranagar	Limbdi	Mahalaxmi mandir tri road	22.564773	71.811677	3	1	0	0	4
371	Cluster-2	Phase-2 New City Locations	Surendranagar	Limbdi	Untadi Bridge Circle	22.562361	71.813988	4	1	6	0	11
372	Cluster-2	Phase-2 New City Locations	Surendranagar	Limbdi	Kabir Ashram chowk	22.561499	71.806332	3	1	2	0	6
373	Cluster-2	Phase-2 New City Locations	Surendranagar	Limbdi	Tapshvi chowk	22.563285	71.806482	4	1	0	0	5
374	Cluster-2	Phase-2 New City Locations	Surendranagar	Limbdi	Rajkavi chowk	22.566388	71.808245	4	1	0	0	5
375	Cluster-2	Phase-2 New City Locations	Surendranagar	Limbdi	Railway station Road	22.565313	71.793055	2	1	2	0	5
376	Cluster-2	Phase-2 New City Locations	Surendranagar	Limbdi	Green Chowk	22.611274	70.948028	4	1	0	0	5
377	Cluster-2	Phase-2 New City Locations	Surendranagar	Limbdi	Sukal hospital chowk	22.569085	71.807139	4	1	0	0	5
378	Cluster-2	Phase-2 New City Locations	Surendranagar	Limbdi	Circuit House	24.385491	71.623654	2	1	0	0	3
379	Cluster-2	Phase-2 New City Locations	Surendranagar	Limbdi	Jail chowk Tri road	22.567096	71.814733	3	1	0	0	4
380	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Bhichari Road Near Praduman gate	22.29988	70.840087	1	1	2	0	4
381	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Faldang T-Point	22.252537	71.015105	1	1	2	0	4
382	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Bhupagadh Chowk	22.183695	71.012525	2	1	2	0	5
383	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Bhupagadh-Jasdal T-Point	22.140677	70.992498	2	0	2	0	4
384	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Gadhala T-Point	22.23964	70.896275	3	1	4	0	8
385	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Kangasiyali T-Point	22.225315	70.801603	2	0	4	0	6
386	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Sokhada Chowk	22.33521	70.858342	4	1	0	0	5
387	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Bedi Fatak No. 118	22.344105	70.816342	1	0	2	0	3
388	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Nyara T-Point	22.348458	70.723045	3	1	4	0	8

389	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Shyamal Chowk	22.24912	70.763988	2	1	0	0	3
390	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Vagal Chowk	22.246404	70.771703	3	1	2	0	6
391	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Patidar Chowk	22.245528	70.756503	3	1	2	0	6
392	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Nyari Dam Chowk	22.267682	70.726167	4	0	4	0	8
393	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Safron Party Plot	22.26636	70.748938	4	1	0	0	5
394	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Kherali-Maliyasana T-Point	22.331077	70.879488	1	1	0	0	2
395	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Beti T-Point AHM highway	22.387478	70.999017	3	0	4	0	7
396	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Hirasar T-Point	22.397293	71.003246	3	1	4	0	8
397	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Jiyana T-Point	22.400227	70.915528	2	0	0	0	2
398	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Kherva Chowkdi Wakaner Road	22.470842	70.900982	4	0	2	0	6
399	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Khorana T-Point	22.428488	70.846908	3	1	0	0	4
400	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Taragadiya Chowk	22.341293	70.910492	4	0	0	0	4
401	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Maliyasana Chokdi	22.328395	70.870661	4	1	8	0	13
402	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Kuvadva-Vankaner Chokdi	22.360032	70.938391	4	1	7	0	12
403	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Kherdi-Bhichri (Amargadh)	22.298771	70.915849	3	1	0	0	4
404	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Bedi Gam Marketing Yard	22.350856	70.805688	2	1	0	0	3
405	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Gavridad Bus stand	22.396764	70.794724	2	2	4	0	8
406	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Ratanpar Bus Stand	22.405897	70.790253	2	1	0	0	3
407	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Khodiyardham (Maruti Gaushala)	22.482265	70.762984	2	0	4	0	6
408	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Navagam Main Road	22.322902	70.848728	1	1	2	0	4
409	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Ronki T-Point	22.341479	70.797811	3	1	0	0	4
410	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	ADB Hotel	22.344277	70.789932	3	1	0	0	4
411	Cluster-2	Phase-2 New City Locations	Rajkot City	Rajkot City	Akta society	22.345199	70.73349	2	1	0	0	3

Total Cluster-2 Phase-2 New Locations

1303 312 410 0 2025

Cluster-2 Phase-1 Existing City New Locations

Sr. No.	Cluster	Details	District	City Name	Junction Name	Let	Long	Type of Cameras				
								Fixed	PTZ	ANPR	RLVD	Total
1	Cluster-2	Phase-1 City New Locations	Amreli	Amreli	Chandni Chowk	21.598334	71.214053	3	1	0	0	4
2	Cluster-2	Phase-1 City New Locations	Amreli	Amreli	Gayatri Mandir	21.616728	71.213751	3	1	0	0	4
3	Cluster-2	Phase-1 City New Locations	Amreli	Amreli	Maninagar Chowk	21.606166	71.211709	3	1	0	0	4
4	Cluster-2	Phase-1 City New Locations	Amreli	Amreli	Lathi Road Fatak	21.611303	71.229974	3	1	0	0	4
5	Cluster-2	Phase-1 City New Locations	Amreli	Amreli	Chital Lathi Bypass	21.652058	71.229802	2	1	4	0	7
6	Cluster-2	Phase-1 City New Locations	Amreli	Amreli	Savar Kundla Fatak	21.58887	71.212088	3	1	0	0	4
7	Cluster-2	Phase-1 City New Locations	Amreli	Amreli	Juni Jail Chowk	21.599678	71.1998	3	1	0	0	4
8	Cluster-2	Phase-1 City New Locations	Amreli	Amreli	BSNL Quater Fatak	21.620624	71.234738	2	1	0	0	3
9	Cluster-2	Phase-1 City New Locations	Amreli	Amreli	Railway Station	21.608058	71.227356	2	1	0	0	3
10	Cluster-2	Phase-1 City New Locations	Amreli	Amreli	Civil Hospital	21.604524	71.221119	3	1	0	0	4
11	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	SISHUVIHAR CIRCLE	21.775728	72.156967	6	2	0	0	8
12	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	GEETA CHOWK	21.772982	72.157951	4	2	0	0	6
13	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	TEKRI CHOWK	21.78212	72.72158556	4	1	0	0	5
14	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	GHOGHA GATE CHOWK	21.775718	72.145649	4	2	0	0	6
15	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	HIGH COURT ROAD	21.775333	72.148041	2	1	0	0	3
16	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	BHAGVAN JAGGNATH TEMPEL AIRPORT ROAD	21.765001	72.164802	4	1	0	0	5
17	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	KALANALA	21.770142	72.145591	4	1	0	0	5
18	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	RUBBER FACTORY CIRCLE	21.766282	72.151656	4	1	0	0	5
19	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	SANSKAR MANDEL	21.755412	72.147812	4	1	0	0	5
20	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	BHAGVATI CIRCLE	21.736344	72.138761	5	2	0	0	7
21	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	DUKHI SHYAM BAPA CIRCLE	21.743174	72.150149	4	2	0	0	6

22	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	DANA PITH	21.780554	72.143891	3	1	0	0	4
23	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	NILAMBAG CIRCLE	21.767217	72.133652	4	1	0	0	5
24	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	SARDAR PATEL SCHOOL	21.730113	72.12828	3	1	0	0	4
25	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	NIRMALNAGAR	21.76989	72.132677	5	1	0	0	6
26	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	CHAVDI GATE CHOWK	21.773451	72.136557	4	1	0	0	5
27	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	GOL BAZAR	21.77788	87.144761	3	1	0	0	4
28	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	VALKET GATE CHOWK	21.783317	72.152863	3	1	0	0	4
29	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	JOGIVAD NI TAKI	21.779148	72.152923	4	1	0	0	5
30	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	ALKA CINEMA CHOWK	21.7785	72.13862	4	1	0	0	5
31	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	GHOCHA CIRCLE	21.763046	72.154638	7	2	0	0	9
32	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	SARDARNAGAR CIRCLE	21.755139	72.153315	4	2	0	0	6
33	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	CRESENT CIRCLE	21.772456	72.153668	6	2	0	0	8
34	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	KUMBHARVADA CIRCLE	21.7904	72.13133	4	1	0	0	5
35	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	RAILWAY STATION	21.608058	71.227356	2	1	0	0	3
36	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	JEWELS CIRCLE	21.756128	72.125925	6	2	0	0	8
37	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	BARTEN LIBRARY	21.778419	72.149931	4	1	0	0	5
38	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	PANVADI CHOWK	21.771487	72.139276	6	1	0	0	7
39	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	HALURIYA CHOWK	21.775952	72.149284	5	1	0	0	6
40	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	MASTRAM BAPA MANDIR	21.7550883	72.098475	3	1	0	0	4
41	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	SELARSHA CHOWK	21.778014	72.142368	4	1	0	0	5
42	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	PARIMAL CHOWK	21.762538	72.146606	4	1	0	0	5
43	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	KHAR GATE CHOWK	21.780521	72.145739	4	1	0	0	5
44	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	PIRCHALL SHERI (VRUNDAVAN COMPLEX)	21.77638	72.147218	2	1	0	0	3
45	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	VAISHALI TOKIJ (KHODIYAR MATA CHOK)	21.785291	72.146832	3	1	0	0	4
46	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	VIJAYRAJ NAGAR CIRCLE	21.762443	72.127425	4	1	0	0	5
47	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	SATNAM CHOKE (CHITRA SIDSAR ROAD)	21.748863	72.101404	4	1	0	0	5
48	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	KARMCHARI NAGAR (FULSAR)	21.738169	72.091911	3	0	0	0	3
49	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	VISHVAKARMA GIDC CHOWKDI	21.760031	72.088679	3	1	0	0	4
50	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	ANAND NAGAR LAST BUS STOP	21.779318	72.17284	3	0	0	0	3
51	Cluster-2	Phase-1 City New Locations	Bhavnagar	Bhavnagar	BALA HANUMAN CHOWKDI (AIRPORT ROAD)	21.759956	72.1774569	3	1	0	0	4
52	Cluster-2	Phase-1 City New Locations	Botad	Botad	Madhuli Police Choki,Bhavnagar Road	22.161614	71.674517	4	1	0	0	5
53	Cluster-2	Phase-1 City New Locations	Botad	Botad	Samdhaliya Chowkdi, Bhavnagar Road	22.141507	71.731805	4	1	2	0	7
54	Cluster-2	Phase-1 City New Locations	Botad	Botad	Nagalpar Darwaja, Gadhada Road	22.164445	71.666573	4	1	4	0	9
55	Cluster-2	Phase-1 City New Locations	Botad	Botad	Matawadi, Bhambhan Road	22.156157	71.666814	3	1	0	0	4
56	Cluster-2	Phase-1 City New Locations	Botad	Botad	Dhakaniya Road T-Point	22.164608	71.661878	3	1	0	0	4
57	Cluster-2	Phase-1 City New Locations	Botad	Botad	Chakla Market, Turkha Road	22.16819	71.662209	4	1	0	0	5
58	Cluster-2	Phase-1 City New Locations	Botad	Botad	Gaggi Ni Zupadi, Turkha Road	22.169683	71.656461	3	1	0	0	4
59	Cluster-2	Phase-1 City New Locations	Botad	Botad	Botad Talav Garden	22.177328	71.647833	4	1	0	0	5
60	Cluster-2	Phase-1 City New Locations	Botad	Botad	Old Nagarpalika, Market Area	22.170756	71.66777	4	1	0	0	5
61	Cluster-2	Phase-1 City New Locations	Botad	Botad	Mastram Temple Char Rasta, Tower Road	22.17312	71.66622	5	1	4	0	10
62	Cluster-2	Phase-1 City New Locations	Botad	Botad	Mangaldeep Shopping, Hifali	22.162401	71.667029	4	1	0	0	5
63	Cluster-2	Phase-1 City New Locations	Botad	Botad	Alav Kundali Fatak	22.193214	71.665632	2	1	2	0	5
64	Cluster-2	Phase-1 City New Locations	Botad	Botad	Anand Society, Gadhada Road	22.145603	71.656135	2	1	4	0	7
65	Cluster-2	Phase-1 City New Locations	Botad	Botad	Dhakaniya Chowkdi	22.149317	71.627133	4	1	4	0	9
66	Cluster-2	Phase-1 City New Locations	Botad	Botad	Sethali Chowkdi	22.167679	71.728575	1	1	0	0	2
67	Cluster-2	Phase-1 City New Locations	Botad	Botad	Mobile Bazar, Star Complex	22.172552	71.665323	4	1	0	0	5
68	Cluster-2	Phase-1 City New Locations	Botad	Botad	Turkha Road T Point	22.171089	71.644208	3	1	2	0	6
69	Cluster-2	Phase-1 City New Locations	Botad	Botad	Kaniyad Chowkdi, Paliyad Road	22.205763	71.624058	4	1	4	0	9
70	Cluster-2	Phase-1 City New Locations	Botad	Botad	Sunni Masjid Chowk, Hankui	22.169004	71.678058	4	1	0	0	5

71	Cluster-2	Phase-1 City New Locations	Botad	Botad	Railway Underbridge	22.164574	71.672006	4	1	0	0	5
72	Cluster-2	Phase-1 City New Locations	Devbhumi Dwarka	Khambhalia	Aambedakar Chowk	22.210045	69.65208	4	1	0	0	5
73	Cluster-2	Phase-1 City New Locations	Devbhumi Dwarka	Khambhalia	Saktinagar Aashapura Temple	22.203307	69.655	4	1	0	0	5
74	Cluster-2	Phase-1 City New Locations	Devbhumi Dwarka	Khambhalia	Payal Hotal	22.212336	69.631543	2	1	4	0	7
75	Cluster-2	Phase-1 City New Locations	Devbhumi Dwarka	Khambhalia	Ganga Jamna Hotal	22.182722	69.635	4	1	8	0	13
76	Cluster-2	Phase-1 City New Locations	Devbhumi Dwarka	Khambhalia	RTO Circle	22.697414	72.856518	2	1	4	0	7
77	Cluster-2	Phase-1 City New Locations	Devbhumi Dwarka	Dwarka Temple	Iskcon Gate (Nageswar Road)	22.243399	68.96888889	3	1	2	0	6
78	Cluster-2	Phase-1 City New Locations	Devbhumi Dwarka	Dwarka Temple	Charkala-Dwarka Road	22.240638	68.97472222	2	1	2	0	5
79	Cluster-2	Phase-1 City New Locations	Devbhumi Dwarka	Dwarka Temple	Dwarka main Entry-Exit (Parking Area)	22.238032	68.975818	2	1	2	0	5
80	Cluster-2	Phase-1 City New Locations	Gir-somnath	Gir-somnath	Sonivadi Chowk	20.90558	70.36294	4	1	0	0	5
81	Cluster-2	Phase-1 City New Locations	Gir-somnath	Gir-somnath	Sagar School Chowk	20.90227	70.3651	2	1	0	0	3
82	Cluster-2	Phase-1 City New Locations	Gir-somnath	Gir-somnath	Bhalpara Road Entry Gate	20.91192	70.39622	3	1	4	0	8
83	Cluster-2	Phase-1 City New Locations	Gir-somnath	Gir-somnath	Bhalka Chowky	20.9104	70.37822	3	1	0	0	4
84	Cluster-2	Phase-1 City New Locations	Jamnagar	Jamnagar	Dental Hospital	22.483761	70.06926	3	1	0	0	4
85	Cluster-2	Phase-1 City New Locations	Jamnagar	Jamnagar	Sanivari Ground	22.48963	70.056819	4	1	0	0	5
86	Cluster-2	Phase-1 City New Locations	Jamnagar	Jamnagar	Bedi Marin Police Station	22.504852	70.053133	3	1	0	0	4
87	Cluster-2	Phase-1 City New Locations	Jamnagar	Jamnagar	Jolly Bunglow	22.463769	70.061621	4	1	0	0	5
88	Cluster-2	Phase-1 City New Locations	Jamnagar	Jamnagar	Raj Park	22.473283	70.087078	4	1	0	0	5
89	Cluster-2	Phase-1 City New Locations	Jamnagar	Jamnagar	Vora No Hajiyo	22.474706	70.082815	2	1	0	0	3
90	Cluster-2	Phase-1 City New Locations	Jamnagar	Jamnagar	Harshad Mil Ni Chali	22.449518	70.068047	3	1	0	0	4
91	Cluster-2	Phase-1 City New Locations	Jamnagar	Jamnagar	Madhapar Chowkadi-Juna Bandar	22.505384	70.03425	5	1	0	0	6
92	Cluster-2	Phase-1 City New Locations	Jamnagar	Jamnagar	Dharar nagar 2	22.482846	70.045224	3	1	0	0	4
93	Cluster-2	Phase-1 City New Locations	Jamnagar	Jamnagar	Hanuman Tekari	22.47564	70.041536	2	1	0	0	3
94	Cluster-2	Phase-1 City New Locations	Jamnagar	Jamnagar	Patel Park 80ft Road	22.441828	70.070076	3	1	0	0	4
95	Cluster-2	Phase-1 City New Locations	Jamnagar	Jamnagar	Hapa Yard	22.471851	70.10705	3	1	0	0	4
96	Cluster-2	Phase-1 City New Locations	Jamnagar	Jamnagar	Dhuvav	22.484779	70.13176	2	1	4	0	7
97	Cluster-2	Phase-1 City New Locations	Jamnagar	Jamnagar	Langhavad No Dhariyo	22.467148	70.078771	3	1	0	0	4
98	Cluster-2	Phase-1 City New Locations	Jamnagar	Jamnagar	Khodiyar Colony Sak Market	22.470649	70.045519	4	1	0	0	5
99	Cluster-2	Phase-1 City New Locations	Jamnagar	Jamnagar	Mandvi Chowk	22.462766	70.07752	2	1	0	0	3
100	Cluster-2	Phase-1 City New Locations	Jamnagar	Jamnagar	Kalyan Chowk	22.461285	70.083652	2	1	0	0	3
101	Cluster-2	Phase-1 City New Locations	Jamnagar	Jamnagar	Kalawad Naka-Matan Market	22.461704	70.082307	2	1	0	0	3
102	Cluster-2	Phase-1 City New Locations	Jamnagar	Jamnagar	Kishan Chowk	22.456923	70.071371	4	1	0	0	5
103	Cluster-2	Phase-1 City New Locations	Jamnagar	Jamnagar	Vambe Avas	22.476203	70.037889	2	1	0	0	3
104	Cluster-2	Phase-1 City New Locations	Jamnagar	Jamnagar	Airforce Gate	22.471305	70.02697	2	1	0	0	3
105	Cluster-2	Phase-1 City New Locations	Jamnagar	Jamnagar	Golden City-B/H PHQ	22.481068	70.044657	2	1	0	0	3
106	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Ramdevpara	21.54253	70.46408	0	1	0	0	1
107	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Civil Hospital Gate- 1	21.53350252	70.4610803	2	1	0	0	3
108	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Pichodivada nu Naku	21.52892162	70.46428889	3	1	0	0	4
109	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Medical College Gate (Civil Hospital -1)	21.53562231	70.46359688	2	1	0	0	3
110	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Altra School	21.52535611	70.46620566	3	1	0	0	4
111	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Dhundhan Bridge	21.52847625	70.46618756	4	1	0	0	5
112	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Shej Ni Taki	21.519222	70.46665527	3	1	0	0	4
113	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Jahata Mandir	21.48425443	70.45920476	3	1	0	0	4
114	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Grofet Fatak	21.49003656	70.45997187	4	1	2	0	7
115	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	New Chobari Road	21.51045376	70.43038275	3	1	0	0	4
116	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Shindhi Socity	21.50336604	70.45917157	4	1	0	0	5
117	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Giriraj Road - Gautam Sweet	21.52458	70.45142	4	1	0	0	5
118	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Bus Stand Gate 2	21.52342	70.45516	3	1	0	0	4
119	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Nandanvan Main Road	21.53707718	70.45379542	2	1	0	0	3

120	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Shubhash College Nr. Fatak	21.54224068	70.45748949	3	1	0	0	4
121	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Joshiyura Patel Samaj	21.53179717	70.45164429	4	1	0	0	5
122	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Gangotri Nagar Krishna pan- Khalilpur Road	21.53578074	70.44961452	2	1	0	0	3
123	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Zanzarda Vegetable Market	21.52256808	70.44314671	2	1	0	0	3
124	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Oghan Nagar Nr. LPG Pump	21.52712297	70.433474	1	1	0	0	2
125	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Bhesan Chowkdi	21.57943722	70.47500465	4	1	2	0	7
126	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Himalaya Cancer Hospital Nr. Krishna Hotel	21.60504082	70.49355146	4	1	5	0	10
127	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Saragvada Bus Stand	21.56458469	70.46748206	3	1	0	0	4
128	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	GIDC Gate - 2	21.56771147	70.46932507	1	1	0	0	2
129	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Cambridge School	21.55021618	70.4560012	3	1	0	0	4
130	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	66 KV	21.55362953	70.46158288	2	1	0	0	3
131	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Paj Naka Bridge	21.52600017	70.48297752	2	1	0	0	3
132	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Sunny Mandir	21.52781256	70.49900305	4	1	0	0	5
133	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Zila Panchayat Parking	21.52717132	70.49502399	2	1	0	0	3
134	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Giranar Steps Start Point	21.5253976	70.506244	1	1	0	0	2
135	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Girnar Rope Way	21.52658372	70.50430611	2	1	0	0	3
136	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Junagadh New Bypass Nr. 66 KV Substation	21.4850637	70.362374	2	1	4	0	7
137	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Vadla Fatak	21.49714926	70.40404245	3	1	0	0	4
138	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Villingen Dem	21.50474	70.47864	2	1	0	0	3
139	Cluster-2	Phase-1 City New Locations	Junagadh	Junagadh	Mangnath Patel Rus	21.51864	70.46287	3	1	0	0	4
140	Cluster-2	Phase-1 City New Locations	Morbi	Morbi	Kalika Polt (Narmada Hall)	22.806778	70.833115	3	0	0	0	3
141	Cluster-2	Phase-1 City New Locations	Morbi	Morbi	Dalvadi Circle	22.80474	70.810486	2	0	0	0	2
142	Cluster-2	Phase-1 City New Locations	Morbi	Morbi	Taluka police Chowki	22.824334	70.847181	2	0	4	0	6
143	Cluster-2	Phase-1 City New Locations	Morbi	Morbi	Lakhdhir Pur Road	22.786984	70.804272	3	0	0	0	3
144	Cluster-2	Phase-1 City New Locations	Morbi	Morbi	Rajpar Chokdi	22.811044	70.837162	2	0	0	0	2
145	Cluster-2	Phase-1 City New Locations	Morbi	Morbi	Patel Dairy GIDC	22.806642	70.816179	3	0	0	0	3
146	Cluster-2	Phase-1 City New Locations	Morbi	Morbi	Moonnagar chowk	22.815193	70.821104	4	0	0	0	4
147	Cluster-2	Phase-1 City New Locations	Morbi	Morbi	Nani Canal	22.806709	70.814415	1	1	0	0	2
148	Cluster-2	Phase-1 City New Locations	Morbi	Morbi	Ramdhan Ashram Mahendranagar	22.838255	70.854091	2	0	0	0	2
149	Cluster-2	Phase-1 City New Locations	Morbi	Morbi	L.E. Collage Road	22.818694	70.846482	2	0	0	0	2
150	Cluster-2	Phase-1 City New Locations	Porbandar	Porbandar	ORIENT FACTORY	21.659358	69.647398	3	1	3	0	7
151	Cluster-2	Phase-1 City New Locations	Porbandar	Porbandar	SUNCITY SOCIETTY	21.667515	69.630561	3	1	2	0	6
152	Cluster-2	Phase-1 City New Locations	Porbandar	Porbandar	NARSANG TEKRI	21.64498	69.6359	3	1	2	0	6
153	Cluster-2	Phase-1 City New Locations	Porbandar	Porbandar	RAGHUVANSHI CHAR RASTA	23.244621	69.646962	4	1	4	0	9
154	Cluster-2	Phase-1 City New Locations	Porbandar	Porbandar	GODHANIYA COLLEGE	21.63823	69.61817	3	1	0	0	4
155	Cluster-2	Phase-1 City New Locations	Porbandar	Porbandar	JUNDALA GOLAI	21.6462	69.61004	3	1	0	0	4
156	Cluster-2	Phase-1 City New Locations	Porbandar	Porbandar	MAADHVANI COLLEGE SERVICE ROAD	21.64569	69.64595	3	1	0	0	4
157	Cluster-2	Phase-1 City New Locations	Porbandar	Porbandar	GMC SCHOOL	21.63734	69.66556	3	1	3	0	7
158	Cluster-2	Phase-1 City New Locations	Porbandar	Porbandar	SUTARVADA	21.64221	69.60267	2	1	0	0	3
159	Cluster-2	Phase-1 City New Locations	Porbandar	Porbandar	POLYTECHNIC SERVICE ROAD	21.64392	69.63869	3	1	0	0	4
160	Cluster-2	Phase-1 City New Locations	Porbandar	Porbandar	ROTTARY CLUB CIRCLE	21.63816	69.61051	2	1	0	0	3
161	Cluster-2	Phase-1 City New Locations	Porbandar	Porbandar	KHAPAT CHAR RASTA	21.6625794	69.6200038	2	1	2	0	5
162	Cluster-2	Phase-1 City New Locations	Porbandar	Porbandar	RAM TEA CHAR RASTA	21.638829	69.6072683	4	1	0	0	5
163	Cluster-2	Phase-1 City New Locations	Porbandar	Porbandar	BOKHIRA TRAN RASTA	21.657157	69.606407	3	1	0	0	4
164	Cluster-2	Phase-1 City New Locations	Rajkot (Rural)	Rajkot (Rural)	SIDC Circle	22.15377	70.79827	3	1	0	0	4
165	Cluster-2	Phase-1 City New Locations	Rajkot (Rural)	Rajkot (Rural)	Maskat Fatak	22.1477	70.80718	4	0	0	0	4
166	Cluster-2	Phase-1 City New Locations	Rajkot (Rural)	Rajkot (Rural)	Ishvar Crane	22.15843	70.82696	4	0	0	0	4
167	Cluster-2	Phase-1 City New Locations	Rajkot (Rural)	Rajkot (Rural)	Padvala Kotda Chokdi	22.15688	70.84707	3	0	0	0	3
168	Cluster-2	Phase-1 City New Locations	Rajkot (Rural)	Rajkot (Rural)	Varun Casting	22.16834	70.82442	4	0	0	0	4

169	Cluster-2	Phase-1 City New Locations	Rajkot (Rural)	Rajkot (Rural)	Aanand Residency Entry (Shapar Gam Avedo)	22.15519	70.76929	4	0	0	0	4
170	Cluster-2	Phase-1 City New Locations	Rajkot (Rural)	Rajkot (Rural)	Pal-Dholra (Kangashiyali)	22.1949	70.77371	3	0	0	0	3
171	Cluster-2	Phase-1 City New Locations	Rajkot (Rural)	Rajkot (Rural)	Kangashiyali-Rasulpara	22.20501	70.77998	2	0	0	0	2
172	Cluster-2	Phase-1 City New Locations	Rajkot (Rural)	Rajkot (Rural)	Kothariya - Kangashiyali (Rasulpara Chokdi)	22.21812	70.79341	4	0	0	0	4
173	Cluster-2	Phase-1 City New Locations	Rajkot (Rural)	Rajkot (Rural)	Khodiyar Hotel	22.21558	70.79521	8	0	0	0	8
174	Cluster-2	Phase-1 City New Locations	Rajkot (Rural)	Rajkot (Rural)	Mamadev - Hanuman Mandir	22.19167	70.79968	4	0	6	0	10
175	Cluster-2	Phase-1 City New Locations	Rajkot (Rural)	Rajkot (Rural)	Atul Auto	22.13442	70.78654	7	0	0	0	7
176	Cluster-2	Phase-1 City New Locations	Rajkot (Rural)	Rajkot (Rural)	Ishwariya Patiyu (Phoenix)	22.25657	70.69379	4	0	0	0	4
177	Cluster-2	Phase-1 City New Locations	Rajkot (Rural)	Rajkot (Rural)	Khirasara-Rataiya Chokdi (New GIDC)	22.23801	70.65491	3	1	2	0	6
178	Cluster-2	Phase-1 City New Locations	Rajkot (Rural)	Rajkot (Rural)	Astha Village Entry	22.24556	70.67037	3	0	0	0	3
179	Cluster-2	Phase-1 City New Locations	Rajkot (Rural)	Rajkot (Rural)	Andheri Entry	22.23365	70.67007	4	0	0	0	4
180	Cluster-2	Phase-1 City New Locations	Rajkot (Rural)	Rajkot (Rural)	Anjali Park(Momai Pan)	22.23709	70.68964	3	1	0	0	4
181	Cluster-2	Phase-1 City New Locations	Rajkot (Rural)	Rajkot (Rural)	Tilala Chokdi	22.230278	70.763631	4	1	2	0	7
182	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Pani ni tanki tri road	22.731011	71.635043	3	0	0	0	3
183	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Sonapur Rivefront Road	22.674056	71.693719	3	1	4	0	8
184	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Khijadiya Hanuman Tri Road	22.725309	71.632597	2	1	0	0	3
185	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Sagar Kachori Tri road	22.730427	71.618978	3	1	0	0	4
186	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Khamisna road Canal Road	22.734423	71.604566	2	1	2	0	5
187	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Dudhrej Tri Road	22.756043	71.619903	2	1	2	0	5
188	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Vadwala Mandir	22.752492	71.615241	2	1	2	0	5
189	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Karmanpara Tri Road	22.739001	71.626534	2	1	0	0	3
190	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Juna Circuit House	22.727692	71.625542	2	1	0	0	3
191	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Topac Industry Tri Road	22.72188	71.659091	2	1	0	0	3
192	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Uma Arcade Tri Road	22.728264	71.659149	2	1	0	0	3
193	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Kailash park Chowk	22.733245	71.663049	2	1	0	0	3
194	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	New S.P School Char Rasta	22.73634	71.646348	2	1	0	0	3
195	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Manav Mandir Tri road	22.743076	71.643942	2	1	2	0	5
196	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Alkapuri Chowk	22.725604	71.646144	2	1	0	0	3
197	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Memka Road Tri Road	22.731756	71.682553	3	1	0	0	4
198	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Vaghela Road Fatak	22.700738	71.672518	1	1	2	0	4
199	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Dharam Talav tri Road	22.70764	71.669467	2	1	0	0	3
200	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Chandan Chowk	22.71316	71.676656	3	1	0	0	4
201	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Kharva Road Hoodko	22.701711	71.67835	1	1	2	0	4
202	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Maldhari Chowk	22.706432	71.679916	4	1	0	0	5
203	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Kherali Chokdi	22.709799	71.614451	1	1	2	0	4
204	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Alpha School Tri Road	22.711478	71.631741	2	1	0	0	3
205	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Kabrastan Chowk	22.723516	71.634591	2	1	0	0	3
206	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Silicat Chowk	22.718093	71.639817	2	1	0	0	3
207	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	M p shah arts college Cozway	22.718987	71.642307	2	1	0	0	3
208	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Joravarnagar Railway Station	22.714436	71.640643	1	1	0	0	2
209	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Bhagwati Chowk	22.715645	71.636104	2	1	0	0	3
210	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Shiv Complex Chowk	22.705365	71.626433	2	1	0	0	3
211	Cluster-2	Phase-1 City New Locations	Surendranagar	Surendrangar	Aadhar Mall Tri Road	22.712252	71.628206	2	1	0	0	3
Total Cluster-2 Phase-1 Existing City New Locations								647	194	121	0	962
Cluster-2 Phase-1 Existing City Existing Locations												
Sr. No.	Cluster	Details	District	City Name	Junction Name	Let	Long	Type of Cameras				
								Fixed	PTZ	ANPR	RLVD	Total
1	Cluster-2	Phase-1 City Existing Locations	Botad	Botad (Exi.)	Essar Petrol Pump	22.169555	71.691693	0	0	2	0	2

2	Cluster-2	Phase-1 City Existing Locations	Botad	Botad (Exi.)	Khas Char Rasta	22.193035	71.693352	2	0	0	0	2
3	Cluster-2	Phase-1 City Existing Locations	Botad	Botad (Exi.)	Haveli Chowk	22.172232	71.663661	0	0	2	0	2
4	Cluster-2	Phase-1 City Existing Locations	Botad	Botad (Exi.)	Bus Station	24.390686	71.6291	1	0	0	0	1
5	Cluster-2	Phase-1 City Existing Locations	Botad	Botad (Exi.)	CPI Office	22.179199	71.666082	2	0	0	0	2
6	Cluster-2	Phase-1 City Existing Locations	Devbhumi Dwarka	Khambhalia (Exi.)	ITI T-Point	22.211772	69.649758	0	0	4	0	4
7	Cluster-2	Phase-1 City Existing Locations	Gir-somnath	Gir-somnath (Exi.)	Chopati	20.910081	70.35423	0	1	0	0	1
8	Cluster-2	Phase-1 City Existing Locations	Gir-somnath	Gir-somnath (Exi.)	Bandargah	20.905126	70.374001	0	1	0	0	1
9	Cluster-2	Phase-1 City Existing Locations	Gir-somnath	Gir-somnath (Exi.)	Zhaleshwar landing point	20.915471	70.347452	0	1	0	0	1
10	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Behind PHQ T Road (Swarim Ngr)	22.476831	70.045437	0	1	0	0	1
11	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Chandi Bazar	22.463912	70.077401	0	1	0	0	1
12	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Darbar Gadh	22.464221	70.079799	0	1	0	0	1
13	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Subhash market (Bakala market)	22.466447	70.080852	0	1	0	0	1
14	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Deepak Cinema	22.467622	70.077001	0	1	0	0	1
15	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Bedi Naka Gate	22.469718	70.073413	0	1	0	0	1
16	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Town Hall	22.469961	70.070974	0	1	0	0	1
17	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Tin Batti	22.471509	70.070943	0	1	0	0	1
18	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Victoriay -Subhash Bridge	22.472241	70.080307	1	0	0	0	1
19	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Gulab nagar Over bridge	22.478035	70.101401	0	1	4	0	5
20	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Gulab Nagar Police Chowkey (Eagle no Dhalio)	22.475859	70.095411	0	1	0	0	1
21	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Noori Chokwdi	22.463957	70.090898	0	1	0	0	1
22	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Mahaprabhujini Bethak	22.458054	70.095481	0	1	0	0	1
23	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Kalavad By-pass	22.446403	70.118084	0	1	0	0	1
24	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Panch hatdi Char Rasta	22.462671	70.081257	0	1	0	0	1
25	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Pancheshwar Tower	22.466954	70.072656	0	1	0	0	1
26	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Talav Ni Pal T Point (Khadpith)	22.462939	70.066407	0	1	0	0	1
27	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Parimal Petrol Pump Nr. Balahanuman	22.46242	70.070214	0	1	0	0	1
28	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Khijadiya By-pass	22.494457	70.159704	0	1	0	0	1
29	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Satta Bazar char Rasta Pani Parab	22.46837	70.076808	0	1	0	0	1
30	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Juna Nagnath Naka Circle	22.472627	70.078852	0	2	0	0	2
31	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Janta Fatak char Rasta	22.465522	70.052629	0	1	0	0	1
32	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	MIG Colony Nr, Mayur Medical	22.466353	70.059901	0	1	0	0	1
33	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Lal Bunglaw Circle	22.469428	70.066253	0	1	0	0	1
34	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Satyam Colony Under Bridge	22.475315	70.051923	1	1	0	0	2
35	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Navanagar Circle	22.461683	70.056578	0	1	0	0	1
36	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Patel Samaj ranjit Nagar	22.464925	70.056552	0	1	0	0	1
37	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Digjam Circle	22.470239	70.042407	1	0	0	0	1
38	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Samarpan circle	22.460553	70.035398	0	1	0	0	1
39	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Khambhalia By-pass RTO check post	22.453572	70.023696	0	1	0	0	1
40	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Lalpur By-pass	22.420367	70.069193	0	1	0	0	1
41	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Haria college Under bridge	22.440612	70.034029	0	1	0	0	1
42	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Kirti Pan (Patidar)	22.432527	70.066126	2	0	0	0	2
43	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Patel Park - Sangam Baug	22.44148	70.065102	0	1	0	0	1
44	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Pavan Chaki Circle	22.456762	70.068052	1	1	0	0	2
45	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	NCC Office Street No. 11	22.485667	70.055144	0	1	0	0	1
46	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Valkeshwari vihar (Green Villa Cir)	22.475328	70.057791	0	1	0	0	1
47	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Ketan Bedminton	22.479593	70.054807	0	1	0	0	1
48	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Oswal Hospital	22.461606	70.065756	0	1	0	0	1
49	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Himat Nagar	22.478713	70.063143	0	1	0	0	1
50	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Vikas Gruh Chowk	22.482307	70.060715	0	1	0	0	1

51	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Patel colony Street No. 9	22.485006	70.056462	0	1	0	0	1
52	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Panchvati Opp. Shriji vihar	22.488173	70.05248	0	1	0	0	1
53	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Sardar Bhavan Chowkdi(rameshwar)	22.486235	70.064882	0	1	0	0	1
54	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	Vikas Gruh T Point cross road bldg	22.481513	70.059894	0	1	0	0	1
55	Cluster-2	Phase-1 City Existing Locations	Jamnagar	Jamnagar(Exi.)	M.P. shah Udyognagar	22.483624	70.050356	2	1	0	0	3
56	Cluster-2	Phase-1 City Existing Locations	Junagadh	Junagadh(Exi.)	Gandhi Chowk	21.3414844	71.3082174	0	0	4	0	4
57	Cluster-2	Phase-1 City Existing Locations	Junagadh	Junagadh(Exi.)	Villingen Dem	21.50474	70.47864	1	1	0	0	2
58	Cluster-2	Phase-1 City Existing Locations	Junagadh	Junagadh(Exi.)	Sonapuri Circle	21.52512843	70.47846839	2	0	4	0	6
59	Cluster-2	Phase-1 City Existing Locations	Junagadh	Junagadh(Exi.)	Dhoraji Chowkdi	21.5820477	70.46631362	2	0	2	0	4
60	Cluster-2	Phase-1 City Existing Locations	junagadh	junagadh(Exi.)	Bus Stand	22.4707636	69.0702406	0	0	2	0	2
61	Cluster-2	Phase-1 City Existing Locations	Morbi	Morbi (Exi.)	Bhaktinagar circle	22.795661	70.811226	2	0	4	0	6
62	Cluster-2	Phase-1 City Existing Locations	Morbi	Morbi (Exi.)	Mahendra nagar Chowkdi	22.842938	70.856324	0	1	0	0	1
63	Cluster-2	Phase-1 City Existing Locations	Porbandar	Porbandar (Exi.)	KARLI NO PUL	21.642615	69.631193	1	0	2	0	3
64	Cluster-2	Phase-1 City Existing Locations	Rajkot (Rural)	Rajkot (Rural) (Exi.)	Patel Samaj Vadi	22.15751	70.77174	2	0	0	0	2
65	Cluster-2	Phase-1 City Existing Locations	Rajkot (Rural)	Rajkot (Rural) (Exi.)	SBS Bank	22.24552	70.67395	0	1	0	0	1
66	Cluster-2	Phase-1 City Existing Locations	Rajkot (Rural)	Rajkot (Rural) (Exi.)	Mall Road	22.24443	70.67415	2	1	0	0	3
67	Cluster-2	Phase-1 City Existing Locations	Surendranagar	Surendranagar (Exi.)	MULCHAND TRY ROAD	22.724889	71.670632	0	0	3	0	3
68	Cluster-2	Phase-1 City Existing Locations	Surendranagar	Surendranagar (Exi.)	AMBEDAKAR CHOWK	22.725074	71.636943	0	0	4	0	4
Total Cluster-2 Phase-1 Existing City Existing Locations								25	51	37	0	113
Cluster-2 Interstate Entry-Exit Locations												
Sr. No.	Cluster	Details	District	City Name	Junction Name	Let	Long	Type of Cameras				
								Fixed	PTZ	ANPR	RLVD	Total
1	Cluster-2	Interstate Entry Exit Points	Interstate-Gir-Somnath	Una	Mandvi Check Post	20.739302	71.00607	2	1	2	0	5
2	Cluster-2	Interstate Entry Exit Points	Interstate-Gir-Somnath	Navabandar	Tad Check Post	20.74322	70.93451	2	1	2	0	5
3	Cluster-2	Interstate Entry Exit Points	Interstate-Gir-Somnath	Kodinar	Kotda Check Post	20.71175	70.86797	2	2	0	0	4
Total Cluster-2 Interstate Entry-Exit Locations								6	4	4	0	14
Total of Cluster-2								1981	561	572	0	3114

Cluster-3 Cameras Survey												
Cluster-3 Phase-2 New Locations												
Sr. No.	Cluster	Details	District	City Name	Junction Name	Let	Long	Type of Cameras				
								Fixed	PTZ	ANPR	RLVD	Total
1	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	balas chokadi	22.744366	72.433708	4	1	2	0	7
2	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Parshwanath chokadi (Parshwanath General Hospital)	22.743449	72.440851	2	1	2	0	5
3	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	kalikund Circle	22.743144	72.442487	3	2	2	0	7
4	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	New Reset House	22.740688	72.455563	1	1	0	0	2
5	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Shankarpura Patia	22.737656	72.459034	2	0	0	0	2
6	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Indian oil Bandh Petrol pup	22.732476	72.459797	2	0	0	0	2
7	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Pullen Circle	22.717392	72.461637	4	1	4	0	9
8	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Rampur Kenal	22.711355	72.48396	2	0	0	0	2
9	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	MithiKui Cricle	22.721677	72.448205	2	1	0	0	3
10	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Untvadi Road (Aambeti Road)	22.72027	72.444216	2	1	0	0	3
11	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	APMC Trasat Road	22.719169	72.441445	3	0	0	0	3
12	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Vtaman 4 Rasta (APMC Marcket)	22.718468	72.438475	3	1	2	0	6
13	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Magiya chokadi (Baba Sitaram)	22.718905	72.43509	2	0	0	0	2
14	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	New Bus Stand	22.716978	72.436178	1	1	0	0	2
15	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Munjpur ITI Road	22.71781	72.432111	1	1	0	0	2
16	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Chikhali Tadav Road	22.718018	72.426878	1	1	0	0	2
17	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	khan Toda Majid	22.733839	72.432702	4	1	0	0	5
18	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Maflipur Gam (Aasopalav Socity)	22.744398	72.446509	3	0	0	0	3
19	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Maflipur Statue Maflipur School Same	22.743284	72.450324	2	1	0	0	3
20	Cluster-3	Phase-2 New City Locations	ahmedabad (Rural)	Dholka	Shetrunjay Socity	22.739406	72.448643	2	1	0	0	3
21	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Lilejpur Jakatnaku	22.731259	72.448664	5	0	0	0	5
22	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Santok ba Hospital	22.734266	72.444775	3	1	0	0	4
23	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Prahladvadi Police Choki	22.734639	72.442049	4	1	0	0	5
24	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Menaben Tower	22.734975	72.440301	6	1	0	0	7
25	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Gadhemar Jakatnaka	22.738186	72.4385	2	1	0	0	3
26	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Ganchi Dhal chock	22.731448	72.440965	3	1	0	0	4
27	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Lodhi no Limdo	22.730568	72.439996	2	1	0	0	3
28	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Sanjari kacheri 3 Rasta	22.734339	72.437241	2	1	0	0	3
29	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Pipali Majid	22.388372	72.233994	4	1	0	0	5
30	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Ganipur 3 Rasta	22.728913	72.44344	3	1	0	0	4
31	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	kazi Tekara	22.724579	72.443366	4	1	0	0	5
32	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Shivaji Mandir	22.722862	72.443075	3	0	0	0	3
33	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	khara kuva (char Sheri)	22.72287	72.441953	2	1	0	0	3
34	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Bhim nu rasodu	22.724937	72.440412	2	1	0	0	3
35	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Panchsheel 4 rasta	22.72517	72.439328	3	1	0	0	4
36	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Bhopla Masjid	22.725048	72.437631	4	1	0	0	5
37	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Malav talav	22.727047	72.437956	3	1	0	0	4
38	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Laki chok	22.728328	72.441009	5	2	0	0	7
39	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	M.G.Momig Hospital Shah (Taj pan parlour)	22.725488	72.442329	3	1	0	0	4
40	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Peepals co operative bank	22.728027	72.441896	2	0	0	0	2
41	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Bajar Gate Police choki	22.729068	72.44139	3	1	0	0	4
42	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Dholka	Old Bus Stand	22.729235	72.437439	3	1	0	0	4
43	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Viramgam	Hansalpur Cricle (Asopalav Hotel)	23.097931	72.06295	4	2	6	0	12

44	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Viramgam	Hansalpur Chokdi	23.093296	72.06456	3	1	4	0	8
45	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Viramgam	Juma Masjid Chock	23.121365	72.052162	4	1	0	0	5
46	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Viramgam	Abu bakar Chock	23.12245	72.054062	4	1	0	0	5
47	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Viramgam	Raiyapur Darwaja	23.120705	72.05674	2	1	0	0	3
48	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Viramgam	Gangasar 3 Rasta	23.116278	72.057518	3	1	0	0	4
49	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Viramgam	Kasampura 3 Rasta	23.117888	72.046028	3	0	0	0	3
50	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Viramgam	Munsar Darwaja	23.121512	72.045593	4	1	0	0	5
51	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Viramgam	Tower Chock Old Police Station	23.121944	72.049027	3	1	0	0	4
52	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Viramgam	Goalvadi Darwaja	23.125835	72.049217	4	0	0	0	4
53	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Viramgam	3 Batti	23.12525	72.053696	6	1	0	0	7
54	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Viramgam	Bus Stand 4 Rasta	23.127531	72.051437	4	1	0	0	5
55	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Viramgam	Popat Chokdi	23.144896	72.050278	4	1	6	0	11
56	Cluster-3	Phase-2 New City Locations	Ahmedabad (Rural)	Viramgam	Seva Sadan	23.129322	72.044449	3	1	0	0	4
57	Cluster-3	Phase-2 New City Locations	Anand	Borsad	Dhuwaran T-Point	22.39447	72.90351	3	1	3	0	7
58	Cluster-3	Phase-2 New City Locations	Anand	Borsad	Vasad Chowkadi	22.40843	72.90651	4	2	4	0	10
59	Cluster-3	Phase-2 New City Locations	Anand	Borsad	Anand Chowkadi	22.41903	72.8934	4	2	8	0	14
60	Cluster-3	Phase-2 New City Locations	Anand	Borsad	Janta Police Chowki	22.41188	72.89929	5	1	0	0	6
61	Cluster-3	Phase-2 New City Locations	Anand	Borsad	Fuvara Chowk	22.41054	72.89951	4	1	0	0	5
62	Cluster-3	Phase-2 New City Locations	Anand	Borsad	BaliyaDev Chharrasta	22.41039	72.8982	4	1	0	0	5
63	Cluster-3	Phase-2 New City Locations	Anand	Borsad	Borsad Townhall	22.40797	72.89505	3	1	0	0	4
64	Cluster-3	Phase-2 New City Locations	Anand	Borsad	KasariNaku/Pani ni tanki	22.40546	72.89479	4	1	2	0	7
65	Cluster-3	Phase-2 New City Locations	Anand	Borsad	Kasipura Jain derasar	22.40619	72.89677	3	1	0	0	4
66	Cluster-3	Phase-2 New City Locations	Anand	Borsad	Rabari Chakla	22.4067	72.89835	3	1	0	0	4
67	Cluster-3	Phase-2 New City Locations	Anand	Borsad	RajaMaholla Masjid	22.40687	72.89998	4	1	0	0	5
68	Cluster-3	Phase-2 New City Locations	Anand	Borsad	Nisraya Chhar Rasta	22.40427	72.90588	2	0	2	0	4
69	Cluster-3	Phase-2 New City Locations	Anand	Borsad	Rudel Road/Townhall	22.40895	72.8941	1	0	1	0	2
70	Cluster-3	Phase-2 New City Locations	Anand	Borsad	Ganjbazzar Somnath Socity	22.41176	72.89565	4	1	1	0	6
71	Cluster-3	Phase-2 New City Locations	Anand	Borsad	Kashiba Residency	22.41878	72.89308	1	0	1	0	2
72	Cluster-3	Phase-2 New City Locations	Anand	Borsad	Pamol Chhar Rasta	22.41552	72.90511	1	0	1	0	2
73	Cluster-3	Phase-2 New City Locations	Anand	Borsad	Borsad 6 lane Bypass	22.42243	72.89839	4	2	8	0	14
74	Cluster-3	Phase-2 New City Locations	Anand	Borsad	Singlav Chaar Rasta	22.44789	72.92317	1	0	1	0	2
75	Cluster-3	Phase-2 New City Locations	Anand	Karamsad	Mangalpura	22.5422	72.97338	4	1	2	0	7
76	Cluster-3	Phase-2 New City Locations	Anand	Karamsad	collector Bunglow T-Point	22.54321	72.96804	3	1	0	0	4
77	Cluster-3	Phase-2 New City Locations	Anand	Karamsad	Anadalaya Tran Rasta	22.53849	72.96606	3	1	1	0	5
78	Cluster-3	Phase-2 New City Locations	Anand	Karamsad	Navli Char Rasta	22.52155	72.96159	2	0	1	0	3
79	Cluster-3	Phase-2 New City Locations	Anand	Karamsad	Jitodiya cort Char Rasta	22.52173	72.95496	3	1	2	0	6
80	Cluster-3	Phase-2 New City Locations	Anand	Karamsad	Raj Shivalaya Cinema	22.54716	72.95513	4	1	0	0	5
81	Cluster-3	Phase-2 New City Locations	Anand	Karamsad	Sandesar Char Rasta	22.54025	72.90105	5	1	3	0	9
82	Cluster-3	Phase-2 New City Locations	Anand	Karamsad	Sagodpura T-Point	22.53807	72.95333	3	1	0	0	4
83	Cluster-3	Phase-2 New City Locations	Anand	Karamsad	Mogri Swami Vivekanand Chowk	22.52653	72.93268	1	0	2	0	3
84	Cluster-3	Phase-2 New City Locations	Anand	Karamsad	Lambhvel Entry/Exit	22.5691	72.94265	1	0	2	0	3
85	Cluster-3	Phase-2 New City Locations	Anand	Karamsad	Shaan Mall Tran Rasta	22.54299	72.73587	3	1	0	0	4
86	Cluster-3	Phase-2 New City Locations	Anand	Karamsad	Bakrol Gate Entry Point	22.56185	72.92069	1	0	2	0	3
87	Cluster-3	Phase-2 New City Locations	Anand	Karamsad	Amul Height	22.54597	72.97318	3	1	0	0	4
88	Cluster-3	Phase-2 New City Locations	Anand	Karamsad	Gir Kathiyavadi Char Rasta	22.55142	72.97945	2	1	2	0	5
89	Cluster-3	Phase-2 New City Locations	Anand	Karamsad	Gamdi Gram Panchayat	22.56722	72.97574	3	1	0	0	4
90	Cluster-3	Phase-2 New City Locations	Anand	Karamsad	Rahimanagar	22.57478	72.96437	3	1	0	0	4
91	Cluster-3	Phase-2 New City Locations	Anand	Karamsad	New Bus Stand Entry/Exit	22.55718	72.95544	3	1	0	0	4

92	Cluster-3	Phase-2 New City Locations	Anand	Karamsad	Royal CityRoad Entry/Exit	22.57363	72.97552	2	0	2	0	4
93	Cluster-3	Phase-2 New City Locations	Anand	Karamsad	Yogicircle	22.5366	72.93167	5	2	0	0	7
94	Cluster-3	Phase-2 New City Locations	Anand	Karamsad	Bapasitaram Chowk	22.5566	72.95168	4	1	0	0	5
95	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Bamba Khana	22.31145	72.61781	4	1	0	0	5
96	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Rahdari Char Rasta	22.30829	72.61666	4	1	0	0	5
97	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Paniyari Chok	22.31354	72.62332	3	1	0	0	4
98	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Gopal Circle	22.31354	72.62332	3	1	0	0	4
99	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Metpur JakatNaka	22.31582	72.62508	3	1	3	0	7
100	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Gavara Tower	22.31666	72.62399	4	1	0	0	5
101	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Rabarivad Char Rasta	22.31839	72.63034	4	1	0	0	5
102	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Janda Chock	22.31665	72.62168	3	1	0	0	4
103	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Aling Char Rasta	22.31325	72.6214	4	1	0	0	5
104	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Bhoi Bari	22.31019	72.62041	3	1	0	0	4
105	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Dadiba Char Rasta	22.31357	72.61445	4	1	0	0	5
106	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Pach Hathadiya	22.31533	72.61511	4	1	0	0	5
107	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Tran limbdi	22.31806	72.61655	3	1	0	0	4
108	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Bhavshar Road	22.31917	72.61756	4	1	0	0	5
109	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Mohanpur Char rasta	22.32071	72.61667	4	1	0	0	5
110	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Golana Jakatnaka	22.32627	72.62168	4	2	7	0	13
111	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Madhavlal Shah	22.32619	72.62187	3	1	0	0	4
112	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	B D Rao College Tran Rasta	22.32996	72.62333	3	1	3	0	7
113	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Lal Darawaja	22.32388	72.62106	4	2	0	0	6
114	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Pith Bazar	22.31978	72.62031	4	1	0	0	5
115	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Mandai Chockey	22.31733	72.61835	3	1	0	0	4
116	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Chitari DhaL	22.31535	72.61817	4	1	0	0	5
117	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Tran Darwaja	22.31335	72.61779	4	1	0	0	5
118	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Vorvad tran Rasta	22.31889	72.62497	3	1	0	0	4
119	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Akbarpur	22.32128	72.62812	2	1	0	0	3
120	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Teen Batti	22.32049	72.62637	4	1	0	0	5
121	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Malbar tier Service	22.3241	72.6286	3	1	0	0	4
122	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Bus Stand Entry/Exit	22.32159	72.62684	3	1	0	0	4
123	Cluster-3	Phase-2 New City Locations	Anand	Khambhat	Kalodra tran Rasta	22.33522	72.64461	3	1	6	0	10
124	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Bavri Jakatnaka	22.48254	72.80846	2	0	2	0	4
125	Cluster-3	Phase-2 New City Locations	Anand	Petlad	College Chokdi	22.47697	72.80922	4	2	8	0	14
126	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Sainath Chokdi	22.47078	72.80563	4	1	4	0	9
127	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Davalpura	22.4682	72.80047	1	0	1	0	2
128	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Essar Petrolpump	22.46386	72.79337	1	0	2	0	3
129	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Malav Chokdi	22.46751	72.79429	4	1	0	0	5
130	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Shekhdi Char Rasta	22.47193	72.78856	5	1	3	0	9
131	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Jesarva Fatak	22.48183	72.78647	2	0	2	0	4
132	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Aamod Chokdi	22.49419	72.77112	3	0	3	0	6
133	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Palaj Tran Rasta	22.49755	72.78832	1	1	1	0	3
134	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Sarkari Davakhanu	22.48748	72.80008	3	1	3	0	7
135	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Sunav Tran Rasta	22.49123	72.80241	4	1	0	0	5
136	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Rangaipura Char Rasta	22.49315	72.81245	3	1	3	0	7
137	Cluster-3	Phase-2 New City Locations	Anand	Petlad	GIDC Entry Point	22.48994	72.81089	1	0	1	0	2
138	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Bus Stand Entry/ Exit	22.48578	72.79969	2	1	0	0	3
139	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Railway Station Police Entry/Exit	22.48543	72.80144	3	1	0	0	4

140	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Kalka Gate Police Choki	22.48057	72.79892	4	1	0	0	5
141	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Kalal Pipar	22.477099	72.79614	3	1	0	0	4
142	Cluster-3	Phase-2 New City Locations	Anand	Petlad	JhandaBazar Chabutari	22.47665	72.79674	2	1	0	0	3
143	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Raza Chowk	22.47576	72.7956	3	1	0	0	4
144	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Teen Batti	22.32049	72.62637	4	1	0	0	5
145	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Ambamata Chowk	22.47652	72.79864	2	1	0	0	3
146	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Chavdi Bazar	22.47754	72.8017	4	1	0	0	5
147	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Ranchodji Temple	22.47641	72.80371	4	2	0	0	6
148	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Petlad College	22.47647	72.81227	1	0	1	0	2
149	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Laxmiji Temple	22.47661	72.80523	4	2	0	0	6
150	Cluster-3	Phase-2 New City Locations	Anand	Petlad	Sardar bavla	22.48065	72.80159	4	2	0	0	6
151	Cluster-3	Phase-2 New City Locations	Bharuch	Ankleswar	Railway Station	21.608058	71.227356	4	1	6	0	11
152	Cluster-3	Phase-2 New City Locations	Bharuch	Ankleswar	Shakmarket Circle tran rasta	21.62887	72.99595	4	2	0	0	6
153	Cluster-3	Phase-2 New City Locations	Bharuch	Ankleswar	Piraman naka	21.631427	72.992742	4	1	0	0	5
154	Cluster-3	Phase-2 New City Locations	Bharuch	Ankleswar	Chota naka Dysp Office	21.63431	72.9981	5	1	2	0	8
155	Cluster-3	Phase-2 New City Locations	Bharuch	Ankleswar	Bharuchi naka circle	21.636565	72.98663	4	1	2	0	7
156	Cluster-3	Phase-2 New City Locations	Bharuch	Ankleswar	Maruti baglow	21.644315	72.983573	1	0	2	0	3
157	Cluster-3	Phase-2 New City Locations	Bharuch	Ankleswar	kasbadiwad tran rast	21.6315	72.98424	3	0	0	0	3
158	Cluster-3	Phase-2 New City Locations	Bharuch	Ankleswar	asiyad nagar	21.6346	72.679	3	0	4	0	7
159	Cluster-3	Phase-2 New City Locations	Bharuch	Ankleswar	kadakiya college	21.63195	72.96085	1	0	2	0	3
160	Cluster-3	Phase-2 New City Locations	Bharuch	Ankleswar	Sarvoday nagar chokadi	21.629658	72.978429	3	1	3	0	7
161	Cluster-3	Phase-2 New City Locations	Bharuch	Ankleswar	kasbadiwad tran rast	21.6315	72.98424	2	1	0	0	3
162	Cluster-3	Phase-2 New City Locations	Bharuch	Ankleswar	goya bazar	21.63056	72.98712	3	2	0	0	5
163	Cluster-3	Phase-2 New City Locations	Bharuch	Ankleswar	Surtibhagad tran rasta	21.6287	72.98721	4	1	0	0	5
164	Cluster-3	Phase-2 New City Locations	Bharuch	Ankleswar	Gujarat Gas	21.624194	72.983563	1	0	2	0	3
165	Cluster-3	Phase-2 New City Locations	Bharuch	Ankleswar	Charch Jakatnaka	21.62372	72.99541	3	0	3	0	6
166	Cluster-3	Phase-2 New City Locations	Bharuch	Ankleswar	Hasti Talav Tran Rasta	21.63433	72.99513	3	0	0	0	3
167	Cluster-3	Phase-2 New City Locations	Bharuch	Ankleswar	Takshshila Vidhyalay	21.63936	73.00071	2	0	2	0	4
168	Cluster-3	Phase-2 New City Locations	Bharuch	Ankleswar	ONGC Resident Get	21.63527	73.01295	1	1	4	0	6
169	Cluster-3	Phase-2 New City Locations	Bharuch	Ankleswar	Jitali Jakatnaka Tran Rasta	21.635	73.00819	3	1	0	0	4
170	Cluster-3	Phase-2 New City Locations	Bharuch	Ankleswar	Mahavir Tarning	21.63366	73.00498	5	1	6	0	12
171	Cluster-3	Phase-2 New City Locations	Bharuch	Ankleswar	Civil Court Tran Rasta	21.62969	73.0046	1	1	2	0	4
172	Cluster-3	Phase-2 New City Locations	Bharuch	Ankleswar	Pratinchoki Tran Rasta	21.62508	73.00337	3	1	6	0	10
173	Cluster-3	Phase-2 New City Locations	Dahod	Jhalod	Jhalod Entry/ Exit	23.077077	74.154172	2	1	2	0	5
174	Cluster-3	Phase-2 New City Locations	Dahod	Jhalod	(near) Urdu School	23.104543	74.152233	3	2	4	0	9
175	Cluster-3	Phase-2 New City Locations	Dahod	Jhalod	RTO Check Post	23.114684	74.165333	2	1	4	0	7
176	Cluster-3	Phase-2 New City Locations	Dahod	Jhalod	Thuthkankasiya chowkdi	23.106894	74.169342	1	1	2	0	4
177	Cluster-3	Phase-2 New City Locations	Dahod	Jhalod	Gamdi chowkdi 1 Bypass	23.093642	74.167305	1	0	2	0	3
178	Cluster-3	Phase-2 New City Locations	Dahod	Jhalod	Gamdi chowkdi 2 Bypass	23.091967	74.165723	1	0	1	0	2
179	Cluster-3	Phase-2 New City Locations	Dahod	Jhalod	Arts & Commarce Collage	23.080265	74.150878	1	0	2	0	3
180	Cluster-3	Phase-2 New City Locations	Dahod	Jhalod	Muvada Chowkdi	23.0908	74.153489	2	1	2	0	5
181	Cluster-3	Phase-2 New City Locations	Dahod	Jhalod	Jhalod Bus Station	23.097178	74.154863	4	1	0	0	5
182	Cluster-3	Phase-2 New City Locations	Dahod	Jhalod	Thuthikankasiya chowkdi (Bazar)	23.103231	74.157696	4	1	0	0	5
183	Cluster-3	Phase-2 New City Locations	Dahod	Jhalod	Bharat Tower	23.0999174	74.155195	2	1	0	0	3
184	Cluster-3	Phase-2 New City Locations	Dahod	Jhalod	Rajesh Sahid Chowk	23.100494	74.155723	3	1	0	0	4
185	Cluster-3	Phase-2 New City Locations	Dahod	Jhalod	Mandli Faliya	23.10164	74.154591	2	1	0	0	3
186	Cluster-3	Phase-2 New City Locations	Dahod	Jhalod	Urban Bank	23.101137	74.155244	3	1	0	0	4
187	Cluster-3	Phase-2 New City Locations	Dahod	Jhalod	Mitha Chowk	23.102176	74.154389	2	1	0	0	3

188	Cluster-3	Phase-2 New City Locations	Dahod	Jhalod	Huseni Chowk	23.103103	74.153843	1	1	0	0	2
189	Cluster-3	Phase-2 New City Locations	Dahod	Jhalod	Jaama Masjid	23.103283	74.15258	3	1	0	0	4
190	Cluster-3	Phase-2 New City Locations	Dahod	Jhalod	CPI Kacheri	23.102365	74.152465	3	1	0	0	4
191	Cluster-3	Phase-2 New City Locations	Kheda	Kheda	VITTHAL PURA ROAD	22.777108	72.7065502	2	1	4	0	7
192	Cluster-3	Phase-2 New City Locations	Kheda	Kheda	SINHUJ ROAD NR POLICE H.Q KHUMAR VAAD	22.7771129	72.706566	1	0	2	0	3
193	Cluster-3	Phase-2 New City Locations	Kheda	Kheda	POLICE H.Q ENTRY, NEAR SANTI ASIATIC SCHOOL	22.7542789	72.7095654	1	0	2	0	3
194	Cluster-3	Phase-2 New City Locations	Kheda	Kheda	RATANPUR-KHEDA HIGHWAY ROAD	22.742738	72.703655	2	1	4	0	7
195	Cluster-3	Phase-2 New City Locations	Kheda	Kheda	UAVARSHA PIR DARGA-MATAR ROAD	22.744608	72.6862067	1	0	2	0	3
196	Cluster-3	Phase-2 New City Locations	Kheda	Kheda	KHEDA CIRCLE	22.7457499	72.6859723	4	2	0	0	6
197	Cluster-3	Phase-2 New City Locations	Kheda	Kheda	DHOLKA ROAD- KANAIIYA HOTEL	22.7437363	72.6647812	2	0	4	0	6
198	Cluster-3	Phase-2 New City Locations	Kheda	Kheda	DUTRON COMPANY	22.7452332	72.6696075	2	0	4	0	6
199	Cluster-3	Phase-2 New City Locations	Kheda	Kheda	SARDAR MARKET	22.7469876	72.6860619	2	1	0	0	3
200	Cluster-3	Phase-2 New City Locations	Kheda	Kheda	SARDAR CHOWK	22.7483505	72.6848787	5	1	0	0	6
201	Cluster-3	Phase-2 New City Locations	Kheda	Kheda	CIVIL HOSPITAL ROAD & BUS STAND	22.7481944	72.686309	3	2	0	0	5
202	Cluster-3	Phase-2 New City Locations	Kheda	Kheda	PARA DARWAJA	22.7495255	72.6832945	3	0	0	0	3
203	Cluster-3	Phase-2 New City Locations	Kheda	Kheda	KHEDA PEOPLES CO OP BANK LTD	22.7506695	72.6820919	3	0	0	0	3
204	Cluster-3	Phase-2 New City Locations	Kheda	Kheda	MALI VAD NO KHACHO	22.7509617	72.6848277	2	0	0	0	2
205	Cluster-3	Phase-2 New City Locations	Kheda	Kheda	VAV VADU FALIYU	22.7509617	72.6830253	3	0	0	0	3
206	Cluster-3	Phase-2 New City Locations	Kheda	Kheda	BALAPIR BHAGOL	22.7544106	72.6848277	4	1	0	0	5
207	Cluster-3	Phase-2 New City Locations	Kheda	Kheda	PACH HAATDI-POST OFFICER	22.7523759	72.6849813	3	0	0	0	3
208	Cluster-3	Phase-2 New City Locations	Kheda	Kheda	LAL DARWAJA	22.7502549	72.6851476	4	1	0	0	5
209	Cluster-3	Phase-2 New City Locations	Kheda	Kheda	AMBEDKAR CHOWK	22.7526551	72.6866097	2	0	0	0	2
210	Cluster-3	Phase-2 New City Locations	Kheda	Kheda	AMBIKA MARBAL MAIN ROAD	22.7549418	72.686999	2	0	4	0	6
211	Cluster-3	Phase-2 New City Locations	Mahisagar	Balasinor	Handiya Chokdi(AHM-Indore Highway)	22.9251	73.335191	2	1	2	0	5
212	Cluster-3	Phase-2 New City Locations	Mahisagar	Balasinor	T-Junction Chokdi	22.949793	73.335441	3	1	0	0	4
213	Cluster-3	Phase-2 New City Locations	Mahisagar	Balasinor	Rajpuri Darwaja-2	22.955431	73.337929	2	1	0	0	3
214	Cluster-3	Phase-2 New City Locations	Mahisagar	Balasinor	New Western Complex (Fagva Naka)	22.965487	73.343665	2	0	2	0	4
215	Cluster-3	Phase-2 New City Locations	Mahisagar	Balasinor	Nishal Chok	22.956206	73.334367	3	2	0	0	5
216	Cluster-3	Phase-2 New City Locations	Mahisagar	Balasinor	Talav Darwaja	22.959397	73.333927	2	1	0	0	3
217	Cluster-3	Phase-2 New City Locations	Mahisagar	Balasinor	Saliyawadi Darwaja-2	22.960854	73.338896	2	1	0	0	3
218	Cluster-3	Phase-2 New City Locations	Mahisagar	Balasinor	M & O High School	22.959668	73.338832	1	1	2	0	4
219	Cluster-3	Phase-2 New City Locations	Mahisagar	Balasinor	Bhathala Chokdi	22.9631	73.32462	3	1	2	0	6
220	Cluster-3	Phase-2 New City Locations	Mahisagar	Balasinor	Manav Hotel	22.9475	73.326	2	1	2	0	5
221	Cluster-3	Phase-2 New City Locations	Mahisagar	Balasinor	Taluka Panchayat	22.95648	73.3291	3	1	0	0	4
222	Cluster-3	Phase-2 New City Locations	Mahisagar	Balasinor	ST Bus Stand	21.3297938	71.3112247	3	1	0	0	4
223	Cluster-3	Phase-2 New City Locations	Mahisagar	Balasinor	Patelwada Road (Near Rajpuri Darwaja)	22.955252	73.3374	2	1	0	0	3
224	Cluster-3	Phase-2 New City Locations	Navsari	Bilimora	Waghreh, kaveri river bridge	20.75828	72.9595	2	0	2	0	4
225	Cluster-3	Phase-2 New City Locations	Navsari	Bilimora	Sohrab chal	20.76706	72.95948	2	1	0	0	3
226	Cluster-3	Phase-2 New City Locations	Navsari	Bilimora	Ghoda gadi stand	20.7683	72.95926	3	0	0	0	3
227	Cluster-3	Phase-2 New City Locations	Navsari	Bilimora	Bilinaka-char Rasta	20.77061	72.96116	4	1	0	0	5
228	Cluster-3	Phase-2 New City Locations	Navsari	Bilimora	Amalsad Naka (Ambika bridge)	20.77521	72.95975	3	1	2	0	6
229	Cluster-3	Phase-2 New City Locations	Navsari	Bilimora	Khada market	20.76869	72.96895	3	1	0	0	4
230	Cluster-3	Phase-2 New City Locations	Navsari	Bilimora	Masjid Tran Rasta	#N/A	#N/A	3	1	0	0	4
231	Cluster-3	Phase-2 New City Locations	Navsari	Bilimora	Railway station East	20.76722	72.97033	2	1	0	0	3
232	Cluster-3	Phase-2 New City Locations	Navsari	Bilimora	Rajbhog circle	20.76698	72.97293	3	1	2	0	6
233	Cluster-3	Phase-2 New City Locations	Navsari	Bilimora	Devsar Tran rasta	20.77488	72.97276	3	0	0	0	3
234	Cluster-3	Phase-2 New City Locations	Navsari	Bilimora	V.S patel collage Gate	20.76622	72.9831	2	1	0	0	3

235	Cluster-3	Phase-2 New City Locations	Navsari	Bilimora	Aataliya char rasta	20.76511	72.99041	4	1	4	0	9
236	Cluster-3	Phase-2 New City Locations	Navsari	Bilimora	Kesli char rasta	20.77657	73.00675	4	0	4	0	8
237	Cluster-3	Phase-2 New City Locations	Navsari	Bilimora	Bhramadev valoti char rasta	20.79278	72.99399	4	0	4	0	8
238	Cluster-3	Phase-2 New City Locations	Navsari	Bilimora	Somnath Temple	20.76089	72.97389	2	1	0	0	3
239	Cluster-3	Phase-2 New City Locations	Panchmahal	Halol	GOPIPURA CHOKDI	22.490071	73.476698	4	0	2	0	6
240	Cluster-3	Phase-2 New City Locations	Panchmahal	Halol	RINKI TRAN RASTA	22.49188	73.467714	1	0	0	0	1
241	Cluster-3	Phase-2 New City Locations	Panchmahal	Halol	BOMBAY HOUSE TRAN RASTA	22.502167	73.4779	3	1	2	0	6
242	Cluster-3	Phase-2 New City Locations	Panchmahal	Halol	BUSSTAND	22.50641	73.471704	2	1	0	0	3
243	Cluster-3	Phase-2 New City Locations	Panchmahal	Halol	KANJARI CHOWKDI	22.504523	73.471356	4	1	0	0	5
244	Cluster-3	Phase-2 New City Locations	Panchmahal	Halol	DHAVADA CHOWKDI	22.502631	73.460406	3	0	2	0	5
245	Cluster-3	Phase-2 New City Locations	Panchmahal	Halol	JYOTI CIRCLE	22.49188	73.467714	4	2	8	0	14
246	Cluster-3	Phase-2 New City Locations	Panchmahal	Halol	CHANDRAPURA CHOWKDI	22.539826	73.449758	4	1	4	0	9
247	Cluster-3	Phase-2 New City Locations	Panchmahal	Halol	KASBA	22.500269	73.476989	2	1	0	0	3
248	Cluster-3	Phase-2 New City Locations	Panchmahal	Halol	BUSSTATION CHOWKI	22.507233	73.471929	3	2	2	0	7
249	Cluster-3	Phase-2 New City Locations	Panchmahal	Halol	SAKMARKET	22.50416	73.472823	3	1	0	0	4
250	Cluster-3	Phase-2 New City Locations	Panchmahal	Halol	STATION ROAD	22.505193	73.474031	4	0	2	0	6
251	Cluster-3	Phase-2 New City Locations	Panchmahal	Halol	KANJARI BYPASS ROAD	22.504292	73.456004	4	1	4	0	9
252	Cluster-3	Phase-2 New City Locations	Panchmahal	Halol	NAVJIVAN CHOWKDI	22.556155	73.457611	3	1	6	0	10
253	Cluster-3	Phase-2 New City Locations	Panchmahal	Halol	KADIBHOY TRAN RASTA	22.501051	73.483294	3	1	4	0	8
254	Cluster-3	Phase-2 New City Locations	Panchmahal	Kaalol	MALAV CIRLE	22.592696	73.450417	3	1	6	0	10
255	Cluster-3	Phase-2 New City Locations	Panchmahal	Kaalol	HERO COMPANY	22.569762	73.455618	4	1	4	0	9
256	Cluster-3	Phase-2 New City Locations	Panchmahal	Kaalol	BORU TURNING	22.60485	73.45317	1	1	2	0	4
257	Cluster-3	Phase-2 New City Locations	Panchmahal	Kaalol	SHAMALDEVI	22.61457	73.473083	3	1	5	0	9
258	Cluster-3	Phase-2 New City Locations	Panchmahal	Kaalol	MGS GARANALA	22.609929	73.462582	3	1	0	0	4
259	Cluster-3	Phase-2 New City Locations	Panchmahal	Kaalol	DEROL STATION	22.627141	73.459767	2	1	0	0	3
260	Cluster-3	Phase-2 New City Locations	Panchmahal	Kaalol	GIDC	22.618752	73.461032	2	1	4	0	7
261	Cluster-3	Phase-2 New City Locations	Panchmahal	Kaalol	BUS STAND	22.4707636	69.0702406	0	2	0	0	2
262	Cluster-3	Phase-2 New City Locations	Panchmahal	Kaalol	FUVARA CIRLE	22.606077	73.459241	2	1	0	0	3
263	Cluster-3	Phase-2 New City Locations	Panchmahal	Kaalol	BHATHIJI MANDIR SHAKMARKET	22.606892	73.461518	4	1	0	0	5
264	Cluster-3	Phase-2 New City Locations	Panchmahal	Kaalol	SADAK FALIYA	22.60582	73.461355	3	1	0	0	4
265	Cluster-3	Phase-2 New City Locations	Panchmahal	Kaalol	NAGARPALIKA	22.605775	73.463562	2	1	0	0	3
266	Cluster-3	Phase-2 New City Locations	Panchmahal	Kaalol	TRAN FANAS	22.605299	73.463781	4	0	2	0	6
267	Cluster-3	Phase-2 New City Locations	Panchmahal	Kaalol	KASABA	22.60452	73.462038	3	1	0	0	4
268	Cluster-3	Phase-2 New City Locations	Panchmahal	Kaalol	MAHALAXMI CHOWK	22.605467	73.465624	3	0	0	0	3
269	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Bardoli	Limda chock	21.116471	73.112427	3	1	0	0	4
270	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Bardoli	Talavdi Circle	21.11498	73.112818	2	1	0	0	3
271	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Bardoli	Sarbhane Bardoli by pass	21.105271	73.107537	2	0	2	0	4
272	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Bardoli	Dhuliya chokdi	21.1066422	73.112357	4	2	8	0	14
273	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Bardoli	mahuva kani chokdi	21.051975	73.86915	2	1	4	0	7
274	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Bardoli	babla naher	21.048120	73.082325	1	1	2	0	4
275	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Bardoli	Sarbhane gam 3 rasta	21.05598	73.87696	2	1	0	0	3
276	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Bardoli	surati Naka	21.115814	73.108522	4	2	7	0	13
277	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Bardoli	naded choky	21.120078	73.080946	4	2	8	0	14
278	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Bardoli	alankar Char rasta	21.132033	73.102924	3	2	5	0	10
279	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Bardoli	bardoli suger	21.133433	73.101867	3	1	6	0	10
280	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Bardoli	Railway Station	21.608058	71.227356	4	1	0	0	5
281	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Bardoli	Mudir Circle	21.12454	73.109236	6	1	0	0	7
282	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Bardoli	Jalaram Chokdi	21.122966	73.109784	2	1	0	0	3

283	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Bardoli	Iotas Circle	21.125834	73.119873	3	1	6	0	10
284	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Bardoli	Sai Mandir Char Rasta	21.142971	73.125024	3	1	4	0	8
285	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Bardoli	Rayam Chokdi	21.168293	73.144396	2	1	0	0	3
286	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Bardoli	Kharvasa 4 Rasta	21.169371	73.105587	4	1	4	0	9
287	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Bardoli	Mota Gam	21.170358	73.07081	2	1	4	0	7
288	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Kadodara	Vakaner Fatak	21.159221	72.95026	2	0	0	0	2
289	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Kadodara	Niyol	21.170701	72.918286	2	0	0	0	2
290	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Kadodara	shedhav	21.167602	72.907948	2	0	2	0	4
291	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Kadodara	Niyol Lake	21.154085	72.930275	1	1	0	0	2
292	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Kadodara	Karada 4 Rasta	21.148054	72.953839	2	1	0	0	3
293	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Kadodara	Dambha	21.141815	72.941914	1	0	2	0	3
294	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Kadodara	Chalthan Naher	21.145818	72.96477	2	1	2	0	5
295	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Kadodara	Kadodara Cng cut	21.164563	72.961363	4	1	0	0	5
296	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Kadodara	Antroli 4 Rasta	21.181472	72.931428	4	1	4	0	9
297	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Kadodara	Kadodara 4 Rasta	21.17168	72.96287	4	2	10	0	16
298	Cluster-3	Phase-2 New City Locations	Surat (Rural)	Kadodara	Tatithaya	21.162571	72.99007	1	1	0	0	2
299	Cluster-3	Phase-2 New City Locations	Tapi	Songadh	J.K. GATE	21.164884	73.560631	5	2	6	0	13
300	Cluster-3	Phase-2 New City Locations	Tapi	Songadh	OTA CHAR RASTA	21.166079	73.564605	6	2	2	0	10
301	Cluster-3	Phase-2 New City Locations	Tapi	Songadh	RTO CHECK POST	21.170013	73.57517	4	1	8	0	13
302	Cluster-3	Phase-2 New City Locations	Tapi	Songadh	ESSAR PETROL PUMP(UKAI ROAD)	21.181065	73.567189	4	1	6	0	11
303	Cluster-3	Phase-2 New City Locations	Tapi	Songadh	DEVAJIPURA TRAN RASTA	21.174807	73.561681	3	1	0	0	4
304	Cluster-3	Phase-2 New City Locations	Tapi	Songadh	CENTRAL POINT	21.167573	73.564146	5	1	0	0	6
305	Cluster-3	Phase-2 New City Locations	Tapi	Songadh	DHIRAJ HOSPITAL TRAN RASTA	21.167094	73.559866	3	1	0	0	4
306	Cluster-3	Phase-2 New City Locations	Tapi	Songadh	Songadh BUS STAND	21.167639	73.561542	3	1	0	0	4
307	Cluster-3	Phase-2 New City Locations	Tapi	Songadh	DEVAJIPURA AAWASH TRAN RASTA	21.167942	73.559078	2	1	2	0	5
308	Cluster-3	Phase-2 New City Locations	Tapi	Songadh	LK Road	21.166167	73.577432	2	0	2	0	4
309	Cluster-3	Phase-2 New City Locations	Valsad	Vapi	Namdha Chekpost	20.365799	72.888693	2	1	2	0	5
310	Cluster-3	Phase-2 New City Locations	Valsad	Vapi	Pramukha Checkpost Char Rasta	20.393485	72.89938	4	1	2	0	7
311	Cluster-3	Phase-2 New City Locations	Valsad	Vapi	Papillon Hotel Vapi Highway	20.374575	72.919113	4	2	8	0	14
312	Cluster-3	Phase-2 New City Locations	Valsad	Vapi	New Road Subway	20.365032	72.907215	1	1	2	0	4
313	Cluster-3	Phase-2 New City Locations	Valsad	Vapi	Hathi Circle	20.370588	72.906072	2	1	0	0	3
314	Cluster-3	Phase-2 New City Locations	Valsad	Vapi	Balitha Highway	20.38658	72.910778	2	1	0	0	3
315	Cluster-3	Phase-2 New City Locations	Valsad	Vapi	Bhadakmora Char Rasta	20.357813	72.926995	2	1	2	0	5
316	Cluster-3	Phase-2 New City Locations	Valsad	Vapi	Khodiya Dhaba	20.360797	72.917955	2	1	0	0	3
317	Cluster-3	Phase-2 New City Locations	Valsad	Vapi	UPL Bridge	20.348183	72.908585	2	1	4	0	7
318	Cluster-3	Phase-2 New City Locations	Valsad	Vapi	Zen Pharma	20.358383	72.912103	2	0	0	0	2
319	Cluster-3	Phase-2 New City Locations	Valsad	Vapi	J Type Vapi Highway	20.360518	72.917061	1	1	0	0	2
320	Cluster-3	Phase-2 New City Locations	Valsad	Vapi	Highway Raymand Circle	20.379305	72.916085	1	1	0	0	2
321	Cluster-3	Phase-2 New City Locations	Valsad	Vapi	C Type Tri Road	20.377232	72.927759	2	1	0	0	3
322	Cluster-3	Phase-2 New City Locations	Valsad	Vapi	Bayer Circle	20.367319	72.932207	2	1	0	0	3
323	Cluster-3	Phase-2 New City Locations	Valsad	Vapi	Microink INK LTD	20.368302	72.950246	2	1	0	0	3
324	Cluster-3	Phase-2 New City Locations	Valsad	Vapi	Hanuman Circle	24.390802	71.628143	2	1	0	0	3
325	Cluster-3	Phase-2 New City Locations	Valsad	Vapi	Chanod Gate	20.351756	72.931608	4	1	4	0	9
326	Cluster-3	Phase-2 New City Locations	Valsad	Vapi	Rata Khadi Tri Road	20.372526	72.966071	3	0	4	0	7
327	Cluster-3	Phase-2 New City Locations	Valsad	Vapi	Salvav Highway	20.410991	72.916992	1	1	0	0	2
328	Cluster-3	Phase-2 New City Locations	Valsad	Paradi	Pardi Over Bridge	20.513624	72.9456	2	2	4	0	8
329	Cluster-3	Phase-2 New City Locations	Valsad	Paradi	Umarsadi Char Rasta	20.527011	72.900505	4	1	2	0	7
330	Cluster-3	Phase-2 New City Locations	Valsad	Paradi	Udawada Railway Station Tri Road	20.459026	72.918282	2	1	0	0	3

331	Cluster-3	Phase-2 New City Locations	Valsad	Paradi	Kalsar Char Rasta	20.467855	72.888428	4	1	0	0	5
332	Cluster-3	Phase-2 New City Locations	Valsad	Paradi	Kolak Samsaan Char Rasta	20.469501	72.878409	4	1	0	0	5
333	Cluster-3	Phase-2 New City Locations	Valsad	Paradi	Pardi GIDC Road	20.511259	72.960654	3	1	2	0	6
334	Cluster-3	Phase-2 New City Locations	Valsad	Paradi	Bheslapada Tri Road	20.49965	72.943256	1	1	0	0	2
335	Cluster-3	Phase-2 New City Locations	Valsad	Paradi	Juna Jakatnaka	20.512591	72.953847	1	1	1	0	3
336	Cluster-3	Phase-2 New City Locations	Valsad	Umargam	Gold Canteen Char Rasta	20.161464	72.776726	4	1	0	0	5
337	Cluster-3	Phase-2 New City Locations	Valsad	Umargam	Ghoghari ST Depo	20.198583	72.750642	3	1	0	0	4
338	Cluster-3	Phase-2 New City Locations	Valsad	Umargam	Akramaruti CHar Rasta	20.1858162	72.7542594	6	1	6	0	13
339	Cluster-3	Phase-2 New City Locations	Valsad	Umargam	Bhati Karambeli Tri Road	20.162682	72.811884	3	1	0	0	4
Total Cluster-3 Phase-2 New Locations								970	299	459	0	1728

Cluster-3 Phase-1 Existing City New Locations												
Sr. No.	Cluster	Details	District	City Name	Junction Name	Let	Long	Type of Cameras				
								Fixed	PTZ	ANPR	RLVD	Total
1	Cluster-3	Phase-1 City New Locations	Bharuch	Bharuch	dholikuy bajar	21.700612	72.998525	4	1	0	0	5
2	Cluster-3	Phase-1 City New Locations	Bharuch	Bharuch	baharni unday	21.697103	72.990645	4	1	0	0	5
3	Cluster-3	Phase-1 City New Locations	Bharuch	Bharuch	hajikhana	21.697104	72.990653	4	0	0	0	4
4	Cluster-3	Phase-1 City New Locations	Bharuch	Bharuch	sadhna school	21.695488	72.996725	3	1	0	0	4
5	Cluster-3	Phase-1 City New Locations	Bharuch	Bharuch	elid school	21.709064	72.977586	3	0	0	0	3
6	Cluster-3	Phase-1 City New Locations	Bharuch	Bharuch	Roadies Fitness Club	21.707	72.977586	2	1	0	0	3
7	Cluster-3	Phase-1 City New Locations	Bharuch	Bharuch	Valnd Kothi	21.694136	72.983683	3	1	2	0	6
8	Cluster-3	Phase-1 City New Locations	Bharuch	Bharuch	Katopor Slop	21.693199	72.981151	3	1	3	0	7
9	Cluster-3	Phase-1 City New Locations	Bharuch	Bharuch	Shifa Cahar Rasta	21.699207	72.968751	4	1	0	0	5
10	Cluster-3	Phase-1 City New Locations	Bharuch	Bharuch	KJ POLYTECHNIC COLLAGE	21.715022	73.00224	4	1	6	0	11
11	Cluster-3	Phase-1 City New Locations	Bharuch	Bharuch	SHRAVAN VIDYAMANDIR MAKATTAMPUR	21.709129	73.018849	4	1	0	0	5
12	Cluster-3	Phase-1 City New Locations	Dang	Ahwa	Bus Depot Ahwa	20.7586411	73.6895001	2	1	0	0	3
13	Cluster-3	Phase-1 City New Locations	Dang	Ahwa	Laskariya Tri Road	20.7720936	73.7187415	4	1	2	0	7
14	Cluster-3	Phase-1 City New Locations	Dang	Ahwa	Galkund Tri road	20.642914	73.788852	2	0	2	0	4
15	Cluster-3	Phase-1 City New Locations	Dang	Ahwa	Sakarpatal Junction	20.693347	73.569807	3	1	4	0	8
16	Cluster-3	Phase-1 City New Locations	Dang	Ahwa	Civil Hospital	21.604524	71.221119	1	1	0	0	2
17	Cluster-3	Phase-1 City New Locations	Dang	Ahwa	Baripada Tri-road	20.634896	73.691468	3	0	2	0	5
18	Cluster-3	Phase-1 City New Locations	Dang	Ahwa	Barkhandiya Road	20.7205	73.511251	2	0	2	0	4
19	Cluster-3	Phase-1 City New Locations	Dang	Ahwa	Hanuman Mandir Road	20.760622	73.691939	2	1	0	0	3
20	Cluster-3	Phase-1 City New Locations	Dang	Ahwa	Main Road ahwa	20.757333	73.687517	2	1	0	0	3
21	Cluster-3	Phase-1 City New Locations	Kheda	Nadiyad	CIVIL HOSPITAL CANAL ROAD	22.674257	72.875311	2	0	1	0	3
22	Cluster-3	Phase-1 City New Locations	Kheda	Nadiyad	GEETANJALI CHOKDI	22.691253	72.850815	4	1	0	0	5
23	Cluster-3	Phase-1 City New Locations	Kheda	Nadiyad	BHIM TALAVADI	22.685958	72.893221	2	1	0	0	3
24	Cluster-3	Phase-1 City New Locations	Kheda	Nadiyad	NANI-MOTI CANAL	22.669165	72.86794	1	0	1	0	2
25	Cluster-3	Phase-1 City New Locations	Kheda	Nadiyad	PODAR INTERNATIONAL SCHOOL	22.676947	72.849995	1	0	1	0	2
26	Cluster-3	Phase-1 City New Locations	Kheda	Nadiyad	PIJ CHOKDI	22.687389	72.836839	2	1	4	0	7
27	Cluster-3	Phase-1 City New Locations	KHEDA	Nadiyad	MARIDA CHOKDI BY PASS ROAD	22.71046	72.882842	5	1	3	0	9
28	Cluster-3	Phase-1 City New Locations	KHEDA	Nadiyad	MOTA KUMBHNATH ROAD	22.680931	72.867919	4	0	0	0	4
29	Cluster-3	Phase-1 City New Locations	Kheda	Nadiyad	RTO CIRCLE	22.697414	72.856518	3	1	0	0	4
30	Cluster-3	Phase-1 City New Locations	Kheda	Nadiyad	SALUN POLICE CHOKI	22.69577	72.869934	2	1	0	0	3
31	Cluster-3	Phase-1 City New Locations	Kheda	Nadiyad	MANJIPURA CHOKDI	22.725069	72.85419	4	1	0	0	5
32	Cluster-3	Phase-1 City New Locations	Kheda	Nadiyad	VISHWAKARMA CHOKDI	22.688536	72.85386	4	1	0	0	5
33	Cluster-3	Phase-1 City New Locations	Kheda	Nadiyad	CHOKSI BAZAR	22.695668	72.86451	3	0	0	0	3
34	Cluster-3	Phase-1 City New Locations	kheda	Nadiyad	UTTARSANDA CHOKDI	22.65208	72.899071	4	1	4	0	9

35	Cluster-3	Phase-1 City New Locations	Kheda	Dakor	RANIYA RAILWAY	22.750534	73.160237	2	0	2	0	4
36	Cluster-3	Phase-1 City New Locations	Mahisagar	Lunawada	Luneshwar Mandir	23.124141	73.604649	3	0	0	0	3
37	Cluster-3	Phase-1 City New Locations	Mahisagar	Lunawada	Sessions Court	23.125887	73.601452	2	1	0	0	3
38	Cluster-3	Phase-1 City New Locations	Mahisagar	Lunawada	Branch School	23.121318	73.602233	3	0	0	0	3
39	Cluster-3	Phase-1 City New Locations	Mahisagar	Lunawada	Darul Ulam Road	23.131357	73.630438	3	0	0	0	3
40	Cluster-3	Phase-1 City New Locations	Mahisagar	Lunawada	BOB Bank Corner (Capital Road)	23.126122	73.606751	2	1	0	0	3
41	Cluster-3	Phase-1 City New Locations	Mahisagar	Lunawada	Shehra Darwaja	23.122467	73.607012	2	1	0	0	3
42	Cluster-3	Phase-1 City New Locations	Mahisagar	Lunawada	Behind S K High School	23.119042	73.609974	1	0	0	0	1
43	Cluster-3	Phase-1 City New Locations	Mahisagar	Lunawada	Kanka Talav	23.13136	73.630434	3	0	0	0	3
44	Cluster-3	Phase-1 City New Locations	Mahisagar	Lunawada	Vasiya Talav Near Dargah	23.13226	73.6157	2	0	0	0	2
45	Cluster-3	Phase-1 City New Locations	Narmada	Rajpipla	Karantha village Road	21.86809	73.52575	2	1	0	0	3
46	Cluster-3	Phase-1 City New Locations	Narmada	Rajpipla	Near Dream Mega Store	21.8671858	73.5173886	1	1	0	0	2
47	Cluster-3	Phase-1 City New Locations	Narmada	Rajpipla	Anand Hospital	21.8674	73.50674	2	1	0	0	3
48	Cluster-3	Phase-1 City New Locations	Narmada	Rajpipla	MRV Char Rasta	21.86738	73.50491	3	1	0	0	4
49	Cluster-3	Phase-1 City New Locations	Narmada	Rajpipla	GSL school T Junction	21.86505	73.50634	3	1	0	0	4
50	Cluster-3	Phase-1 City New Locations	Narmada	Rajpipla	Owara Bridge	21.86413	73.50045	2	1	0	0	3
51	Cluster-3	Phase-1 City New Locations	Narmada	Rajpipla	Near Jain Mandir	21.8692	73.49965	1	1	0	0	2
52	Cluster-3	Phase-1 City New Locations	Narmada	Rajpipla	Kumbharwad char Rasta	21.87111	73.49768	4	1	0	0	5
53	Cluster-3	Phase-1 City New Locations	Narmada	Rajpipla	Ambe mata temple (Kachhiyawad)	21.87461	73.5026	1	1	0	0	2
54	Cluster-3	Phase-1 City New Locations	Narmada	Rajpipla	Rang Avdhut Junction	21.87771	73.50025	3	1	6	0	10
55	Cluster-3	Phase-1 City New Locations	Narmada	Rajpipla	Parikh Petrol Pump	21.87461	73.5026	2	1	0	0	3
56	Cluster-3	Phase-1 City New Locations	Narmada	Rajpipla	Nagrik Bank	21.87298	73.50264	0	2	0	0	2
57	Cluster-3	Phase-1 City New Locations	Narmada	Rajpipla	Sabji Market Char Rasta	21.87192	73.50248	1	1	0	0	2
58	Cluster-3	Phase-1 City New Locations	Narmada	Rajpipla	Sharma complex	21.87057	73.506	1	1	0	0	2
59	Cluster-3	Phase-1 City New Locations	Narmada	Rajpipla	Chandravila Society	21.87683	73.50922	2	1	0	0	3
60	Cluster-3	Phase-1 City New Locations	Narmada	Kevadia-SOU	Bhanadra T Junction	21.86412	73.62549	4	1	6	0	11
61	Cluster-3	Phase-1 City New Locations	Narmada	Kevadia-SOU	Bhumaliya T Junction	21.8916878	73.7122247	2	0	2	0	4
62	Cluster-3	Phase-1 City New Locations	Narmada	Kevadia-SOU	Cactus Garden	21.8277523	73.7373862	0	2	0	0	2
63	Cluster-3	Phase-1 City New Locations	Narmada	Kevadia-SOU	Central Dam Second Bulding	21.82583	73.74906	0	2	0	0	2
64	Cluster-3	Phase-1 City New Locations	Narmada	Kevadia-SOU	Ekta Auditoriam	21.88106	73.69884	3	1	0	0	4
65	Cluster-3	Phase-1 City New Locations	Narmada	Kevadia-SOU	Heritage Village Gora T Junction	21.865587	73.667562	1	1	0	0	2
66	Cluster-3	Phase-1 City New Locations	Narmada	Kevadia-SOU	Khalvani River Rafting	21.8687952	73.7171641	0	2	0	0	2
67	Cluster-3	Phase-1 City New Locations	Narmada	Kevadia-SOU	Krishna Hotel T Junction	21.90012	73.64769	3	1	6	0	10
68	Cluster-3	Phase-1 City New Locations	Narmada	Kevadia-SOU	Railway Station Kevadiya	21.88812	73.68701	2	2	0	0	4
69	Cluster-3	Phase-1 City New Locations	Narmada	Kevadia-SOU	Ram Chowk	21.88483	73.69753	4	1	0	0	5
70	Cluster-3	Phase-1 City New Locations	Narmada	Kevadia-SOU	SBB Jetty	21.87258	73.69388	0	1	0	0	1
71	Cluster-3	Phase-1 City New Locations	Narmada	Kevadia-SOU	Zero Point	21.88725	73.72599	2	0	0	0	2
72	Cluster-3	Phase-1 City New Locations	Narmada	Kevadia-SOU	Garudeswar T Junction Entry Point	21.89043	73.64601	2	0	0	0	2
73	Cluster-3	Phase-1 City New Locations	Narmada	Kevadia-SOU	Jungle Saffari Main Gate Entry Exit	21.8355711	73.7314236	3	1	0	0	4
74	Cluster-3	Phase-1 City New Locations	Narmada	Kevadia-SOU	Khadgada T Junction	21.89341	73.66407	2	1	0	0	3
75	Cluster-3	Phase-1 City New Locations	Narmada	Kevadia-SOU	Parking 1	21.882931	73.690684	2	1	0	0	3
76	Cluster-3	Phase-1 City New Locations	Narmada	Kevadia-SOU	Parking 2	21.890419	73.68397	2	1	0	0	3
77	Cluster-3	Phase-1 City New Locations	Narmada	Kevadia-SOU	Parking 3	21.890774	73.683023	2	1	0	0	3
78	Cluster-3	Phase-1 City New Locations	Narmada	Kevadia-SOU	SOU Gate No. 4 & 5	21.83803	73.72562	0	2	0	0	2
79	Cluster-3	Phase-1 City New Locations	Narmada	Kevadia-SOU	Shulpaneshwar Narmada Ghat	21.861738	73.690909	2	2	0	0	4
80	Cluster-3	Phase-1 City New Locations	Narmada	Kevadia-SOU	Zarvani T Junction	21.84682	73.6949	2	0	0	0	2
81	Cluster-3	Phase-1 City New Locations	Navsari	Navsari	Shivaji Chowk	21.3431347	71.3135173	3	1	0	0	4
82	Cluster-3	Phase-1 City New Locations	Navsari	Navsari	Vitthal Mandir	20.93668	72.91833	2	1	0	0	3

83	Cluster-3	Phase-1 City New Locations	Navsari	Navsari	Dantej Circle	20.91982	72.93055	4	1	4	0	9
84	Cluster-3	Phase-1 City New Locations	Navsari	Navsari	Navi-nagari	20.92166	72.9201	2	0	0	0	2
85	Cluster-3	Phase-1 City New Locations	Navsari	Navsari	Eru Circle	20.92182	72.90918	4	1	4	0	9
86	Cluster-3	Phase-1 City New Locations	Navsari	Navsari	Ghelkhadi tran rasta	20.93678	72.91513	3	1	0	0	4
87	Cluster-3	Phase-1 City New Locations	Navsari	Navsari	Limda Chowk	22.609496	70.94996	2	0	0	0	2
88	Cluster-3	Phase-1 City New Locations	Navsari	Navsari	Grid-Ahinsa gate	20.94844	72.95803	3	1	0	0	4
89	Cluster-3	Phase-1 City New Locations	Navsari	Navsari	Navsari-Bardoli Road	20.94726	72.95968	3	0	1	0	4
90	Cluster-3	Phase-1 City New Locations	Navsari	Navsari	Fun City Hotel	20.94484	72.96337	1	1	1	0	3
91	Cluster-3	Phase-1 City New Locations	Navsari	Navsari	Swami narayan Temple	20.95223	72.96028	1	1	1	0	3
92	Cluster-3	Phase-1 City New Locations	Navsari	Navsari	Italva tran Rasta	20.92068	72.95175	3	1	3	0	7
93	Cluster-3	Phase-1 City New Locations	Navsari	Navsari	Kabilpore Bazar Tran Rasta	20.95177	72.95497	3	1	1	0	5
94	Cluster-3	Phase-1 City New Locations	Navsari	Navsari	Kejal Hospital	20.76696	72.96887	1	0	1	0	2
95	Cluster-3	Phase-1 City New Locations	Panchmahal	Godhra	JAY JALARAM SCHOOL BY PASS	22.787768	73.672637	2	1	0	0	3
96	Cluster-3	Phase-1 City New Locations	Panchmahal	Godhra	CHANCHOPA CHOWKDI	22.806696	73.657479	2	1	2	0	5
97	Cluster-3	Phase-1 City New Locations	Panchmahal	Godhra	LILESRA CHOWKDI	22.742358	73.617864	2	1	2	0	5
98	Cluster-3	Phase-1 City New Locations	Panchmahal	Godhra	DOCTOR NA MUVADA	22.783434	73.565789	2	0	4	0	6
99	Cluster-3	Phase-1 City New Locations	Panchmahal	Godhra	KOTDA CHOWKDI	22.797962	73.666962	2	1	2	0	5
100	Cluster-3	Phase-1 City New Locations	Panchmahal	Godhra	JAHURPURA SHAK MARKET	22.776671	73.613828	3	1	0	0	4
101	Cluster-3	Phase-1 City New Locations	Panchmahal	Godhra	JAHURPURA MASJID	22.775779	73.612738	4	1	0	0	5
102	Cluster-3	Phase-1 City New Locations	Panchmahal	Godhra	NILAM LODGE	22.777276	73.611419	2	1	0	0	3
103	Cluster-3	Phase-1 City New Locations	Panchmahal	Godhra	SATPUL ROAD	22.769239	73.602078	4	1	0	0	5
104	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	NEW SEVASADAN OFFICE , BHARAT COTTON	22.06028	73.13222	2	1	2	0	5
105	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	NARESHWAR ROAD, KURALI ROAD	22.048507	73.127787	2	0	2	0	4
106	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	GANPATPURA ROAD,DABHOI ROAD	22.049945	73.128693	2	0	2	0	4
107	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	SANIDEV TEMPLE ,UMAJ ROAD	22.057484	73.101541	2	1	2	0	5
108	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	NEAR NEW RAILWAY BRIEDGE	22.059858	73.124045	2	1	0	0	3
109	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	VALINAGARI BHATHUJIDADA TEMPLE	22.045724	73.121192	2	0	0	0	2
110	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	VALINAGARI CANAL	22.043382	73.121191	3	1	2	0	6
111	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	SRI RAM NAGAR	22.053533	73.120145	2	1	0	0	3
112	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	AULIYA MASJID	22.047925	73.121019	3	1	0	0	4
113	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	KARMADI ROAD	22.050623	73.111571	2	1	0	0	3
114	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	EKTA NAGAR	22.053277	73.125982	3	1	0	0	4
115	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	AMBAJI TEMPLE,JUNA BAZAR	22.05064	73.121283	4	1	0	0	5
116	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	PUNIT PROTINS (KHODIYAR PETROL PUMP)	22.24922	73.08693	2	1	4	0	7
117	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	SANGMA CANNAL	22.254062	73.093959	2	0	2	0	4
118	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	NILKANTH FARM	22.239544	73.072804	2	1	2	0	5
119	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	PATALIYA HANUMAN TEMPLE	22.24565	73.09314	3	1	3	0	7
120	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	AMBAJI CHOWK (WATER TANK)	22.240298	73.081174	2	1	0	0	3
121	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	NAVAPURA CROSS ROAD	22.237903	73.079338	1	1	0	0	2
122	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	GITANJALI VIDHYALAYA	22.233299	73.077537	2	0	2	0	4
123	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	NAVAPURA ROAD OPP.VRUNDA GUEST HOUSE	22.238984	73.077382	2	1	0	0	3
124	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	APMC CROSS ROAD	22.242228	73.079734	3	1	2	0	6
125	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	REFAI CROSS ROAD (JASSPUR ROAD)	22.246117	73.081383	4	1	6	0	11
126	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	TIMBI FATAK	22.14757	73.42388	2	1	4	0	7
127	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	CHANOD FATAK (RADHE COMPLES)	22.143215	73.416246	6	2	4	0	12
128	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	THARVASA CHOKDI	22.128555	73.406613	2	1	2	0	5
129	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	CHUNARA VAGA	22.131529	73.424491	3	1	0	0	4
130	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	STATION CHOWKI	22.137443	73.41632	2	1	0	0	3

131	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	DATTA COMPUTER	22.136182	73.413008	3	0	0	0	3
132	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	TALAVPURA MASJID	22.135443	73.424505	3	1	0	0	4
133	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	SUNDAR KUVA, NEARMADRESA	22.137704	73.42231	3	1	0	0	4
134	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	DASHALADVADI	22.135835	73.420052	2	1	0	0	3
135	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	SBI BANK NI SAME	22.135594	73.417074	3	1	0	0	4
136	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	NAVAPURA BEHIND DAYARAM	22.130531	73.418538	2	1	0	0	3
137	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	PARBADI, SONI VAGA	22.131611	73.420486	4	1	0	0	5
138	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	JAROALA VAGA , MOTA MANDIR	22.133343	73.420047	3	0	0	0	3
139	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	SONESWAR PARK	22.146915	73.411575	4	1	4	0	9
140	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	PANCHESWAR MAHADEV MANDIR	22.13031	73.42257	4	1	0	0	5
141	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	SINOR CANAL	22.122513	73.40825	2	0	2	0	4
142	Cluster-3	Phase-1 City New Locations	Vadodara (Rural)	Vadodara (Rural)	MODEL FARM ROAD	22.13749	73.425921	3	1	1	0	5
143	Cluster-3	Phase-1 City New Locations	Valsad	Valsad	Tithal Tri Road (Segvi)	20.596274	72.906063	3	0	4	0	7
144	Cluster-3	Phase-1 City New Locations	Valsad	Valsad	Tithal Jakatnaka (M2 Mall)	20.604058	72.913	2	1	0	0	3
145	Cluster-3	Phase-1 City New Locations	Valsad	Valsad	Cotton IND	20.601675	72.948842	3	0	0	0	3
146	Cluster-3	Phase-1 City New Locations	Valsad	Valsad	Dmart Vashiyar Road	20.580573	72.937024	3	1	4	0	8
147	Cluster-3	Phase-1 City New Locations	Valsad	Valsad	Tithal Beach	20.597765	72.89496	0	3	0	0	3
148	Cluster-3	Phase-1 City New Locations	Valsad	Valsad	RPF Ground	20.597306	72.930308	2	0	4	0	6
149	Cluster-3	Phase-1 City New Locations	Valsad	Valsad	New Chhipwad Tri Road	20.614958	72.933108	3	1	0	0	4
Total Cluster-3 Phase-1 Existing City New Locations								366	122	145	0	633

Cluster-3 Phase-1 Existing City Existing Locations												
Sr. No.	Cluster	Details	District	City Name	Junction Name	Let	Long	Type of Cameras				
								Fixed	PTZ	ANPR	RLVD	Total
1	Cluster-3	Phase-1 City Existing Locations	Chhotaudepur	Chhotaudepur (Exi.)	Mahakali Mandir	22.30325987	74.01584617	1	1	4	0	6
2	Cluster-3	Phase-1 City Existing Locations	Dang	Dang (Exi.)	Samgahan Tri-Road	20.6244048	73.7227541	2	0	4	0	6
3	Cluster-3	Phase-1 City Existing Locations	Dang	Dang (Exi.)	Dudhshitkendra	20.7739252	73.4964564	0	0	1	0	1
4	Cluster-3	Phase-1 City Existing Locations	Dang	Dang (Exi.)	Patelpada Cross Road	20.7607683	73.6951759	0	0	2	0	2
5	Cluster-3	Phase-1 City Existing Locations	Dang	Dang (Exi.)	Saputara Check Post	20.570156	73.749979	0	1	0	0	1
6	Cluster-3	Phase-1 City Existing Locations	Kheda	Nadiad(Exi.)	AMDAVADI CHOWKY	22.697114	72.862174	1	0	0	0	1
7	Cluster-3	Phase-1 City Existing Locations	Kheda	Nadiad(Exi.)	TAMBU CHOWKY EXPRESS WAY	22.697611	72.887617	0	0	1	0	1
8	Cluster-3	Phase-1 City Existing Locations	Kheda	Nadiad(Exi.)	FATEHPURA BYPASS	22.689516	72.880675	0	1	2	0	3
9	Cluster-3	Phase-1 City Existing Locations	Kheda	Nadiad(Exi.)	CANAL ROAD NR SALES INDIA	22.677672	72.880898	2	0	0	0	2
10	Cluster-3	Phase-1 City Existing Locations	Kheda	Nadiad(Exi.)	PIPLAG CHOKDI	22.669108	72.85961	0	1	0	0	1
11	Cluster-3	Phase-1 City Existing Locations	Kheda	Dakor (Exi.)	WELCOME PATIYA	22.739687	73.145437	0	0	2	0	2
12	Cluster-3	Phase-1 City Existing Locations	Kheda	Dakor (Exi.)	BODANA STATUE	22.752975	73.150425	0	1	0	0	1
13	Cluster-3	Phase-1 City Existing Locations	Kheda	Dakor (Exi.)	GANDHI STATUE	22.752261	73.150199	0	1	0	0	1
14	Cluster-3	Phase-1 City Existing Locations	Mahisagar	Lunawada (Exi.)	Luneshwar chocki	23.1252798	73.6055925	0	0	2	0	2
15	Cluster-3	Phase-1 City Existing Locations	Mahisagar	Lunawada (Exi.)	Bus station	23.1263165	73.6056128	0	1	0	0	1
16	Cluster-3	Phase-1 City Existing Locations	Mahisagar	Lunawada (Exi.)	Char koshiya naka	23.1334989	73.6049543	1	1	0	0	2
17	Cluster-3	Phase-1 City Existing Locations	Narmada	Rajpipla (Exi.)	Harshidhi Temple	21.87553	73.50536	2	1	0	0	3
18	Cluster-3	Phase-1 City Existing Locations	Narmada	Rajpipla (Exi.)	Kalaghoda	21.87766	73.50219	1	0	0	0	1
19	Cluster-3	Phase-1 City Existing Locations	Narmada	Rajpipla (Exi.)	Vadiya JakatNaka	21.86064	73.52447	0	1	0	0	1
20	Cluster-3	Phase-1 City Existing Locations	Narmada	Kevadia-SOU (Exi.)	Pro Junction	21.876793	73.696352	2	0	0	0	2
21	Cluster-3	Phase-1 City Existing Locations	Narmada	Kevadia-SOU (Exi.)	Rajiv Van	21.886697	73.708226	0	1	0	0	1
22	Cluster-3	Phase-1 City Existing Locations	Narmada	Kevadia-SOU (Exi.)	Old Batching Point	21.833767	73.736668	0	1	0	0	1
23	Cluster-3	Phase-1 City Existing Locations	Narmada	Kevadia-SOU (Exi.)	Dyke 1	21.83734	73.746192	1	0	0	0	1
24	Cluster-3	Phase-1 City Existing Locations	Panchmahal	Godhra (Exi.)	TRUPTI TRAN RASTA	22.737474	73.594765	0	1	0	0	1

25	Cluster-3	Phase-1 City Existing Locations	Valsad	Valsad (Exi.)	Patliya Checkpost 2	20.4617419	72.888333	0	1	0	0	1
26	Cluster-3	Phase-1 City Existing Locations	Valsad	Valsad (Exi.)	Kachigam Checkpost	20.3784805	72.8972222	0	1	0	0	1
27	Cluster-3	Phase-1 City Existing Locations	Valsad	Valsad (Exi.)	Bamanpuja Checkpost	20.3721339	72.8502777	0	1	0	0	1
Total Cluster-3 Phase-1 Existing City Existing Locations								13	16	18	0	47

Cluster-3 Interstate Entry-Exit Locations												
Sr. No.	Cluster	Details	District	City Name	Junction Name	Let	Long	Type of Cameras				
								Fixed	PTZ	ANPR	RLVD	Total
1	Cluster-3	Interstate Entry Exit Points	Interstate-Chhotaudepur	kawant	Renada check post Road (Dhanivadi Naka)	22.09804	74.05249	1	1	2	0	4
2	Cluster-3	Interstate Entry Exit Points	Interstate-Chhotaudepur	Rangpur	Ferakuva check post	22.36389	74.2149	1	1	2	0	4
3	Cluster-3	Interstate Entry Exit Points	Interstate-Dang	Waghai	Barkhandiya	20.6934	73.498	1	0	2	0	3
4	Cluster-3	Interstate Entry Exit Points	Interstate-Dang	Wagai	Daguniya	20.6458	73.5873	1	1	2	0	4
5	Cluster-3	Interstate Entry Exit Points	Interstate-Dang	Waghai	kunda Sakarpatal (Silotmal)	20.6565	73.5513489	1	0	2	0	3
6	Cluster-3	Interstate Entry Exit Points	Interstate-Dang	Saputara	Surya Barda	20.6188	73.6293	1	0	2	0	3
7	Cluster-3	Interstate Entry Exit Points	Interstate-Dang	Saputara	Malunga	20.5698	73.6644	2	1	3	0	6
8	Cluster-3	Interstate Entry Exit Points	Interstate-Dang	Ahwa	Chinchali	20.7452	73.9141	2	0	4	0	6
9	Cluster-3	Interstate Entry Exit Points	Interstate-Dang	Ahwa	Nakhtyahanvat Village (Nakhtyahanvat)	20.8481	73.9135	1	0	2	0	3
10	Cluster-3	Interstate Entry Exit Points	Interstate-Dang	Subir	Shingana	20.974	73.7891	2	0	4	0	6
11	Cluster-3	Interstate Entry Exit Points	Interstate-Dang	Subir	Don Checkpost	20.9771	73.6233	1	0	2	0	3
12	Cluster-3	Interstate Entry Exit Points	Interstate-Dang	Subir	Gavhan char rasta (Zakhrari Bari)	20.9034	73.8846	1	0	2	0	3
13	Cluster-3	Interstate Entry Exit Points	Interstate-Dang	Saputara	Gotiyamal char rasta (Barmyavad)	20.5896	73.7161	1	0	2	0	3
14	Cluster-3	Interstate Entry Exit Points	Interstate-Dahod	Garbada	Minakyar	22.641922	74.32556	1	1	2	0	4
15	Cluster-3	Interstate Entry Exit Points	Interstate-Dahod	Katvara	Khangela	22.785065	74.425975	2	1	4	0	7
16	Cluster-3	Interstate Entry Exit Points	Interstate-Dahod	Chakaliya	Chakaliya	23.052509	74.30585	1	1	2	0	4
17	Cluster-3	Interstate Entry Exit Points	Interstate-Dahod	Zalod	Thuthikankasiya	23.171552	74.238307	1	1	2	0	4
18	Cluster-3	Interstate Entry Exit Points	Interstate-Dahod	Zalod	Dhavadiya	23.148887	74.167669	1	1	2	0	4
19	Cluster-3	Interstate Entry Exit Points	Interstate-Dahod	Fatepura	Patvel	23.298364	74.070807	1	1	2	0	4
20	Cluster-3	Interstate Entry Exit Points	Interstate-Mahisagar	Bakor	Lambhu check post	23.448869	73.627902	1	1	2	0	4
21	Cluster-3	Interstate Entry Exit Points	Interstate-Mahisagar	Bakor	Kala khetra Check post	23.434076	73.704601	1	1	2	0	4
22	Cluster-3	Interstate Entry Exit Points	Interstate-Mahisagar	Ditwas	Sarasva check post	23.437961	73.805095	2	1	4	0	7
23	Cluster-3	Interstate Entry Exit Points	Interstate-Mahisagar	Santrampur	bhamri check post	23.304098	73.964981	2	1	4	0	7
24	Cluster-3	Interstate Entry Exit Points	Interstate-Narmada	Dediapada	Dumkhal Check Post	21.73731	73.84256	1	1	2	0	4
25	Cluster-3	Interstate Entry Exit Points	Interstate-Narmada	Dediapada	Kokati Check Post	21.64736	73.82989	2	1	5	0	8
26	Cluster-3	Interstate Entry Exit Points	Interstate-Narmada	Sagbara	Dhansera Check Post	21.536665	73.80986	3	1	8	0	12
27	Cluster-3	Interstate Entry Exit Points	Interstate-Narmada	Sagbara	Pana- Parodhi check post	21.496864	73.866091	1	1	2	0	4
28	Cluster-3	Interstate Entry Exit Points	Interstate-Narmada	Sagbara	Navapada	21.51859	73.82867	1	1	1	0	3
29	Cluster-3	Interstate Entry Exit Points	Interstate-Narmada	Dediapada	Kunvar Khadi	21.61781	73.7876	1	1	1	0	3
30	Cluster-3	Interstate Entry Exit Points	Interstate-Navsari	Vansda	Bilmoda	20.71677	73.45247	1	1	2	0	4
31	Cluster-3	Interstate Entry Exit Points	Interstate-Navsari	Vansda	Nirpan	20.63216	73.406915	1	1	2	0	4
32	Cluster-3	Interstate Entry Exit Points	Interstate-Tapi	Nizar	Vanka Char Rasta	21.48246956	74.23374176	1	1	2	0	4
33	Cluster-3	Interstate Entry Exit Points	Interstate-Tapi	Nizar	Dodvafata	21.55588531	74.11867523	1	1	2	0	4
34	Cluster-3	Interstate Entry Exit Points	Interstate-Tapi	Nizar	Dhanora	21.44931412	74.04195404	2	1	3	0	6
35	Cluster-3	Interstate Entry Exit Points	Interstate-Tapi	Uchchhal	Bedki Naka	21.162992	73.727917	2	1	6	0	9
36	Cluster-3	Interstate Entry Exit Points	Interstate-Tapi	Uchchhal	Vanzari Char Rasta	21.180748	73.777931	2	1	3	0	6
37	Cluster-3	Interstate Entry Exit Points	Interstate-Tapi	Songadh	Virthva-Songadh Fata	20.987956	73.78905	2	1	4	0	7
38	Cluster-3	Interstate Entry Exit Points	Interstate-Valsad	Umargam	Aamgam Checkpost	20.192125	72.831281	1	1	2	0	4
39	Cluster-3	Interstate Entry Exit Points	Interstate-Valsad	Kaparada	Kaparada - Huda Checkpost	20.301245	73.393347	1	1	2	0	4
40	Cluster-3	Interstate Entry Exit Points	Interstate-Valsad	Bhilad	Naroli - Silvasa Checkpost	20.279735	72.916581	2	1	4	0	7

41	Cluster-3	Interstate Entry Exit Points	Interstate-Valsad	Nanapondha	Nanapondha -Ozar Checkpost	20.338678	73.086595	1	1	2	0	4
42	Cluster-3	Interstate Entry Exit Points	Interstate-Valsad	Nanapondha	Nanapondha - Varna Checkpost	20.327781	73.110293	2	1	3	0	6
43	Cluster-3	Interstate Entry Exit Points	Interstate-Valsad	Marin	Fansa - Marin Checkpost	20.336458	72.801927	2	1	4	0	7
44	Cluster-3	Interstate Entry Exit Points	Interstate-Valsad	Bhilad	Bhilad - Nandigam Checkpost	20.224796	72.882606	2	2	6	0	10
45	Cluster-3	Interstate Entry Exit Points	Interstate-Valsad	Umargam	Sanjan	20.195196	72.818041	4	2	4	0	10
46	Cluster-3	Interstate Entry Exit Points	Interstate-Valsad	Dungra	Lavacha Checkpost	20.292997	72.992481	2	1	4	0	7
47	Cluster-3	Interstate Entry Exit Points	Interstate-Valsad	Dungra	Nani Tambadi Checkpost	20.32337	72.991529	1	1	2	0	4
48	Cluster-3	Interstate Entry Exit Points	Interstate-Valsad	Umargam	Govada Zay Border	20.137071	72.743657	1	1	2	0	4
49	Cluster-3	Interstate Entry Exit Points	Interstate-Valsad	Umargam	Udava Checkpost	20.186081	72.818038	1	1	2	0	4
50	Cluster-3	Interstate Entry Exit Points	Interstate-Valsad	Dungra	Dadara Checkpost	20.325296	72.959604	2	1	4	0	7
51	Cluster-3	Interstate Entry Exit Points	Interstate-Valsad	Dungra	Vevji Check Post	20.151215	72.795209	1	1	2	0	4
Total Cluster-3 Interstate Entry-Exit Locations								73	44	143	0	260
Total of Cluster-3								1422	481	765	0	2668

Response to pre-bid Queries				
Request for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II. RFP No: GIL/Home Dept./VISWAS Phase-II/2022, GeM Bid Number: GEM/2022/B/2667802 Dated: 21-10-2022				
Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
1	3.2.2 General Obligation of the System Integrator	t. The FAT will be provided as per the Lot/Clusters/cluster/cities defined in Annexure-A. However, the TENDERER may change the Lot/Clusters/cluster/cities defined in Annexure-A based on the TENDERER's requirement. Once the FAT is completed the partial Go-live will be provided to the Successful Bidder of the Cluster and post partial Go-Live/FAT bidder shall be bound to adhere to the SLA defined in the RFP.	Where SI incurs additional cost due to a delay to the date of completion (need to be agreed) from the date of PO/Work Order caused by Gujarat Informatics Ltd or their suppliers or their sub-contractors then SI shall be entitled to claim extension of time along with additional delay costs for such delay. Such conditions could be unavailability of site/partial availability of site/delay in getting ROW/delay in getting electrical meter etc.	No change, As per RFP
2	3.2 Scope of Work for the VISWAS Phase-II:	3. Video Management System (VMS): It is proposed to use the existing VMS software to avoid multiple silos and for a smooth user experience. Tenderer will provide the required VMS software along with the VMS licences and successful bidder of this RFP needs to use the same for camera discovery and maintenance for 5 years.	Bidders should also be allowed to use new VMS for the current scope and integrate with the existing VMS to promote competitive bidding.	No change, As per RFP
3	3.2 Scope of Work for the VISWAS Phase-II:	4. Integrated Traffic Management System (ITMS): The successful BIDDER needs to integrate with existing ITMS solution including software & Hardware for (ANPR, RLVD & SVD) for a smooth user experience.	ITMS software components should be a part of this project scope for better results otherwise the expected results would never be realized. So, request you to please include the ITMS software components as part of this RFP scope and integration to be done with the existing ITMS system.	No change, As per RFP
4	3.2 Scope of Work for the VISWAS Phase-II:	6. Video Storage (700 TB & 1.5 PB): Based on the camera count (as per the site survey), it is proposed to increase the Storage at respective NETRAMs. Bidder needs to SITC and O&M of additional 700TB each of video storage at five location (Amreli, Anand, Bhavnagar, Sabarkantha, Vadodara (Rural+City) & additional 1.5 PB each of video storage at three location (Mehsana, Surat (Rural + City), Rajkot (Rural+ City)	Storage is not part of the "Price Bid BOQ". So, request you to please add the component in the BOQ and also provide detailed specifications of the same.	Please see the changes in the revised bid document.
5	3.2.2 General Obligation of the System Integrator	k. For the client end application support, bidder will provision and supply necessary hardware plus computing power that will be good for camera feeds that will be four times of what is being installed at end points. Storage will be as per the capacity indicated with provision for addition of extra storage disks only to take storage capacity to double of what is being asked.	Server and Storage is not part of the "Price Bid BOQ". So, request you to please add the component in the BOQ and also provide detailed specifications of the same.	Please see the changes in the revised bid document.
6	3.2.2 General Obligation of the System Integrator	m. The Successful Bidder shall be responsible for shifting and reinstallation of equipments installed under the scope of work by him during the contract duration which may be required due to implementation of various development projects throughout the state. Bidder will be paid for such work @ 5% of the unit price quoted for the edge equipments/Gantry/Pole/Junction box etc. Further, Damage/Physical loss, etc. during the shifting and reinstallation activity shall be borne by Bidder.	5% additional amount of the unit price quoted for Gantry/Pole/Junction box would be too less for such shifting as it involves dismantling, shifting to new location, preparation of foundation and re-installation of these items. So, we request you to please add separate line item for such activities and bidder should be allowed to offer the unit rate for the same which could be used to pay for these services.	Please see the changes in the revised bid document.

Request for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II. RFP No: GIL/Home Dept./VISWAS Phase-II/2022, GeM Bid Number: GEM/2022/B/2667802 Dated: 21-10-2022				
Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
7	3.2.3 City Surveillance System	e. Summary list of cities details covered in VISWAS (phase-II) Project across the state is mentioned in Annexure-A. However, detailed junction wise list will be shared with the Successful Bidder .	Without a finalized junction list it is very difficult for a bidder to do an proper estimation of cost. So, request you to please provide detailed junction list also along with junction details.	Please see the changes in the revised bid document.
8	3.3 Implementation Timelines for the Bidder	b. Maximum Penalty cap for penalty for delay is 10% of contract value (i.e. total capex cost) for the ordered item.	Penalty is capped at 5% of the total CAPEX of the project during the supply, installation, commissioning Go-Live period.	No change, As per RFP
9	5.2 Cost of Bidding	Bidder is requested to pay Rs. XX,000/- as a bid processing fee (Non-refundable) in the form of demand draft in favour of "Gujarat Informatics Ltd." payable at Ahmedabad/Gandhinagar along with the EMD cover.	Please confirm the exact value of this component. Also confirm how the unsuccessful bidder will get back this amount and in how much time?	Bid processing fees is not applicable for this GeM bid . Please see the changes in the revised bid document.
10	5.25 Force Majeure	Request	In the event that any Damages to items due to vandalism (physical Majeure attack by public, tampering of equipment by customer staff and damage due to accidents) or due to Force Majeure events (such as earthquake, fire, natural calamities, pandemic, war, act of God) of any kind during Warranty Period and Maintenance Period shall be the liability of Gujarat Informatics Ltd. In such case, Gujarat Informatics Ltd Authority shall request the System Integrator to repair/replace the damaged unit and reinstall the same. All costs towards the same shall be reimbursed by Gujarat Informatics Ltd/Authority to the System Integrator less of insurance proceeds if need of replacement so arise then replacement shall be on tender rates only.	No change, As per RFP
11	6.2 Price Bid	3. Price Bid-Schedule-II: Operations and maintenance cost for 5 years to be quoted by the bidder should not be less than 25% of sum total of all the line items of schedule-I	This is a "Capex" intensive job and so we would request you to please reduce the payout percentage in the O&M period. So, request you to please reduce the O&M payout percentage to "20%" of sum total of all the line items of schedule-I	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
12	3.1.3 Salient features &	<p>34 district wise Command & Control Centers (NETRAM) where servers, storage, video wall and workstations settled up to store and monitor camera feeds of 7,000+ CCTV Cameras installed in 41 Cities including 7 tourist places in Phase-I.</p> <p>Page 19 of 102</p> <p>☑ State level Command & Control Centre (TRINETRA) equipped with monitoring & analytics facility for all the cities across the state. Video analytical tools with ANPR, RLVD, VTS & Speed Violation Detection features for monitoring at key traffic junctions and strategic locations.</p> <p>☑ CCTV infrastructure for maintain various law enforcement activities such as Traffic Management & Enforcement, Crime Prevention & Detection, Post-incident Investigation, Resource Planning & Deployment and Disaster Management.</p> <p>☑ Integration with Cyber Treasury Portal, VAHAN & SARATHI database for identification of vehicles and generation & payment of E-Challans.</p> <p>☑ Availability of Online E-challan payment methods like debit/Credit Card, Internet Banking, Mobile/Web Application.</p> <p>☑ 24X7 monitoring access at district headquarter makes impact in overall improvement in police efficiency, crime prevention & detection, quality of investigation and urban mobility.</p>	<p>Our understanding is that in Viswas - 1 there is existing EMS solution already Installed and it is already Monitoring the Existing environment. Please confirm the below understanding: "MSI must use existing EMS infrastructure installed in Safe & Secure Gujarat" – SASGUJ Project (Viswas phase 1 project – Previous Bid Reference No. RFP/HD/SASGUJ/AHD-Expansion/2016/01) to monitor additional devices, CCTV & IT Infra to reduce base license cost and for seamless integration. Additional license of existing EMS software will be provided by Purchaser for monitoring of the to be added infrastructure of Viswas 2."</p>	Yes
13	3.2 Scope of Work for th	<p>5. Enterprise Management System (EMS): The successful BIDDER needs to integrate with existing EMS solution (including NMS, Helpdesk & Operational Management tools etc.) for better operational visibility & effective management.</p>	<p>1) Please confirm that additional license of existing EMS software will be provided by Purchaser for monitoring of the added infrastructure of Viswas 2 and Bidder needs to integrate with existing EMS solution.</p> <p>2) Need to understand apart from 8000+ CCTV Cameras how many other network equipment like routers/switches/firewalls/servers to be integrated with existing EMS/NMS solution and how many new concurrent users will access helpdesk.</p> <p>3) Is there any other 3rd party integration required into existing EMS system ? if yes then please mention.</p> <p>4) Do you need additional HA and DR for existing EMS solution ?</p>	As Per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
14	3.2.1 Supply Installation	<p>ii. Integration with existing systems of VISWAS Phase-1 and other legacy projects: Bidder is responsible for integration of their CCTV feeds into the existing VMS solution of VISWAS Phase-1 at respective NETRAM such that there shall be a single Unified system for the entire state. Bidder is also responsible for the integration of cameras with existing Software/Applications like Speed Detection, Automatic Number Plate Recognition (ANPR), Red Light Violation Detection (RLVD), Enterprise Management System (EMS) etc.</p> <p>iii. Operations & Maintenance Component: Operation and Maintenance of VISWAS phase II infrastructure (IT and Non-IT) installed as per the scope of work of this RFP for the 5 Years from the date of Go live.</p> <p>The bidder will have to perform Supply, Installation, Testing & Commissioning of end points like CCTV Cameras, Storage, IT Infrastructure, Non-IT Infrastructure (Network Cabling, UPS etc.) in the respective cities, which shall be integrated with the respective NETRAM of the District and TRINETRA.</p> <p>All the software application's such as VMS, ITMS, EMS, ICMS and their management databases are hosted at NETRAM & TRINETRA which are extended up to the</p>	Our understanding is that in Viswas - 1 there is existing EMS solution already Installed and it is already Monitoring the Existing environment. Please confirm the below understanding: "MSI must use existing EMS infrastructure installed in Safe & Secure Gujarat" – SASGUJ Project (Viswas phase 1 project – Previous Bid Reference No. RFP/HD/SASGUJ/AHD-Expansion/2016/01) to monitor additional devices, CCTV & IT Infra to reduce base license cost and for seamless integration. Additional license of existing EMS software will be provided by Purchaser for monitoring the added infrastructure of Viswas 2."	Yes. Further, Bidder will be provided access to EMS/NMS helpdesk for monitoring, SLA of proposed equipment under this RFP.
15	3.2.9.7 O&M of Physical	a. All the devices installed as part of the physical infrastructure should be monitored and managed end-to-end on a 24x7x365 basis even during partial go-live phase.	Our understanding is that devices will be monitored using Existing running NMS solution "MSI must use existing EMS infrastructure installed in Safe & Secure Gujarat" – SASGUJ Project (Viswas phase 1 project – Previous Bid Reference No. RFP/HD/SASGUJ/AHD-Expansion/2016/01 please clarify	Yes. Further, Bidder will be provided access to EMS/NMS helpdesk for monitoring, SLA of proposed equipment under this RFP.
16	2	Bidder should be an established IT /Telecom/Security Surveillance Solutions System Integrator and should have been engaged in setting-up and Operations & Maintenance Services of Network (Active or Passive) and Data Centres for a period of at least five years as on bid issuance date.	Request you to ammend the clause as "Bidder should be an established IT /Telecom/Security Surveillance Solutions System Integrator and should have been engaged in setting-up and Operations & Maintenance Services of Network (Active or Passive) and Data Centres for a period of at least three years from the bid issuance date."	No change, As per RFP
17	1	Within 15 Days from date of issuance of work order (T+15 days) - Payment	Request you to kindly make the 10% to 20% payment within 15 days from the date of Issuance of work order.	No change, As per RFP
18	1	FAT Completion + 3 Months	Kindly ammend the clause as " FAT Completion + 1 Month"	No change, As per RFP
19	4.9 - Camera Type A (Box Cameras for ANPR & Speed Detection)	4.9 Camera Type A (Box Cameras for ANPR & Speed Detection)	<p>4.9 Camera Type A (Box Cameras / Bullet Camera for ANPR & Speed Detection)</p> <p>Requesting you to accept bullet camera as option along with box camera as they are commercially better & technically fulfilling all the requirements as listed.</p>	No change, As per RFP
20	4.9 - Camera Type A (Box Cameras for ANPR & Speed Detection)	8 MP (for RLVD)	Requesting you to confirm whether bullet camera or box camera we have to consider for RLVD as there is nothing mention about type of camera for RLVD. In most of the cases, RLVD camera is Bullet type only.	Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
21	4.9 - Camera Type A (Box Cameras for ANPR & Speed Detection)	25. Certifications: CE/EN/Equivalent Indian Standards, FCC/Equivalent Indian Standards, ETL/UL/Equivalent Indian Standards, IEC/BIS/Equivalent Indian Standards certified at the time of bidding	25. Certifications: CE/EN/Equivalent Indian Standards, FCC/Equivalent Indian Standards, ETL/UL 62368-1 /Equivalent Indian Standards, IEC/BIS/Equivalent Indian Standards certified at the time of bidding Request you to remove ETL as ETL is for Passive items not for Active. Also please add UL latest standard 62368-1 as the old standard 60950-1 is already withdrawn by IEC in Dec 2020.	Please see the changes in the revised bid document.
22	4.10 - Camera Type B (Box Camera for Surveillance)	4.10 - Camera Type B (Box Camera for Surveillance)	4.10 - Camera Type B (Box Camera / Bullet Camera for Surveillance) Requesting you to accept bullet camera as option along with box camera as they are commercially better & technically fulfilling all the requirements as listed.	No change, As per RFP
23	4.10 - Camera Type B (Box Camera for Surveillance)	26. Certifications: CE/EN/Equivalent Indian Standards, FCC/Equivalent Indian Standards, ETL/UL/Equivalent Indian Standards, IEC/BIS/Equivalent Indian Standards certified at the time of bidding	25. Certifications: CE/EN/Equivalent Indian Standards, FCC/Equivalent Indian Standards, ETL/UL 62368-1 /Equivalent Indian Standards, IEC/BIS/Equivalent Indian Standards certified at the time of bidding Request you to remove ETL as ETL is for Passive items not for Active. Also please add UL latest standard 62368-1 as the old standard 60950-1 is already withdrawn by IEC in Dec 2020.	Please see the changes in the revised bid document.
24	4.11 - Camera Type C: PTZ	14. Preset Speed : Pan: 240° /s; Tilt: 200° /s	14. Preset Speed : Pan: 240° /s; Tilt: 160° /s Requesting you to accept the suggested change as per the industry standard for wider participation.	Please see the changes in the revised bid document.
25	4.11 - Camera Type C: PTZ	26. Certifications: CE/EN/Equivalent Indian Standards, FCC/Equivalent Indian Standards, ETL/UL/Equivalent Indian Standards, IEC/BIS/Equivalent Indian Standards certified at the time of bidding	25. Certifications: CE/EN/Equivalent Indian Standards, FCC/Equivalent Indian Standards, ETL/UL 62368-1 /Equivalent Indian Standards, IEC/BIS/Equivalent Indian Standards certified at the time of bidding Request you to remove ETL as ETL is for Passive items not for Active. Also please add UL latest standard 62368-1 as the old standard 60950-1 is already withdrawn by IEC in Dec 2020.	Please see the changes in the revised bid document.
26	Important Dates	Bid Due date 22/11/2022 up to 15:00 hours	There is a contradiction between the bid submission dates as mentioned in the tender document and the Bid document from the GeM portal, which shows bid submission date as 21/11/2022. Kindly clarify and confirm the correct date of submission	The last date of bid submission will be as per GeM bid date
27	5.2 Cost of Bidding	Bidder is requested to pay Rs. XX,000/- as a bid processing fee (Non-refundable) in the form of demand draft in favour of "Gujarat Informatics Ltd." payable at hmedabad/Gandhinagar along with the EMD cover. In case of non-receipt of bid processing fees & EMD the bid will be rejected by GIL/Home Department as non-responsive.	It seems that there has been some typo in mentioning the tender fee amount. Request you to rectify the same and give details about the amount of tender fee that needs to be submitted along with EMD	Bid processing is not applicable for this GeM bid . Please see the changes in the revised bid document.
28	5.21.3 Financial Bid Evaluation	The Financial Bids of qualified bidders only would be opened and evaluated to determine the L1 (lowest) bidder	The bid document mentions that the evaluation of bid is by L1 consideration, while The GeM Bid document defines that the bid is e-RA enabled after L1 evaluation Kindly clarify if Reverse Auction is to be held after L1 evaluation	Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
29	5.4 Bidding Document	Bidder can download the bid document and further amendment if any freely available on https://www.gil.gujarat.gov.in and https://www.gil.nprocure.com and upload the same on https://www.gil.nprocure.com on or before due date of the tender.	Kindly clarify if entire technical bid documents need to be uploaded thrice for all the three clusters along with three different financial bid or will there be submission of one copy of bid document for all the three clusters.	In case bidder wants to participate in multiple cluster, Bidder can upload the document as per provision under the GeM Portal. if GeM portal will allow the bidder to upload all the documents related to all three clusters then bidder may upload the same in any of the clusters. we will consider the document uploaded in any cluster. (in case the bidder wants to participate in multiple clusters
30	5.4 Bidding Document	Bidder can download the bid document and further amendment if any freely available on https://www.gil.gujarat.gov.in and https://www.gil.nprocure.com and upload the same on https://www.gil.nprocure.com on or before due date of the tender.	Please confirm on which portal, the bid submission will take place, as the tender is not available in the nprocure portal for submission. Also, please confirm if GEM portal is an option for bid upload or is there any other process.	Please see the changes in the revised bid document.
31	Implementation Timelines for the Bidder	Maximum Penalty cap for penalty for delay is 10% of contract value (i.e. total capex cost) for the ordered item	We understand that contract value is a sum of total capex cost and O&M cost. In that case, the maximum penalty cap should be on the total capex cost and not on contract value. Kindly rectify as below :- <i>Maximum Penalty cap for penalty for delay is 10% of total capex cost for the ordered item</i>	No change, As per RFP
32	General Obligation of the System Integrator	h. Comprehensive Last mile connectivity (including supply, installation & commissioning of required material/hardware) between utilities and nearby Junction (connectivity medium like CAT-6/fibre, power cable as per the site requirement) including supply of active and passive component within/interconnected the junction boxes	In case the last mile connectivity from nearest utility point is in bidder's scope, we request you to kindly provide details of the approximate distance between the nearest pop location, from where connectivity needs to be taken and the junction, as this will help us estimate the exact length of fiber and its relevant cost. This will help in fair evaluation of all bidders	Bidder can survey the existing junction and newly proposed junction for estimation of the length of fiber and related items length. (proposed junction list is given in corrigendum)
33	Eligibility Criteria, point no.9	In case bidder want to quote for any two clusters then, bidder should have demonstrable expertise and experience in executing at least ONE project of Network Integration / Systems Integration/Data Centre (setting up or O&M) anytime during last five years as on bid issuance date, having a minimum value of Rs. 50 crores or TWO projects having a minimum value of Rs. 25 crores each	We understand that the given statement should have been for bidding of three clusters instead of two as written. Kindly confirm	Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
34	Eligibility Criteria, point no.9	OEM for other networking equipment's should be in the top Five positions in terms of market share in India as per latest available IDC report or should be present in latest Gartner magic Quadrant. or OEM of quoted Switch should be qualified as Make in India as per public procurement (Preference to Make in India) order 2017 & its revision issued time by time. As per GR, quoted Switch should have 60% domestic value addition in terms of Bill of Material to qualify as domestically manufactured. AND The Manufacturer of the Network switch should have installation base of 1500 nos. of Managed/PoE switches in India.	Kindly provide us with the definition of Other Networking equipments . Please confirm, if camera is also a part of this category or it has been excluded from all kinds of OEM criteria as observed from point no.9	Please see the changes in the revised bid document.
35	Implementation Timelines for the Bidder	Advance Payment	We request you to include an Advance payment of 10% against a bank guarantee of the same amount in the payment schedule. This will help us facilitate lower financing cost, which in turn will result in low bid value	No change, As per RFP
36	Implementation Timelines for the Bidder	Delivery - 50% of total component value Installation & Commissioning - 35% of total component value 3 months after issuance of FAT - 15% of total component value	We request you to kindly modify the payment terms as given below :- <i>Delivery - 60% of total component value</i> <i>Installation & Commissioning - 30% of total component value</i> <i>3 months after issuance of FAT - 10% of total component value</i>	Please see the changes in the revised bid document.
37	Service Level and Penalty Clause, point 2,3	Latency (Device only) - Less than 50ms - Rs. 500 per hour, per instance or part thereof, Successful bidder has to analyse, report, escalate and get the issue resolved within 24 hours Packet Loss (Device only) - <=0.5% - Rs. 1000 per hour, per instance or part thereof, Successful bidder has to analyse report, escalate and get the issue resolved within 6 hours	Since network connectivity and bandwidth is in TENDERER scope, so technically SLA for Latency and Packet loss is not supposed to be in Bidder's scope. Request you to remove the same from Bidder's scope	Please see the changes in the revised bid document.
38	Price Bid	UPS and battery backup	Since there is no mention of UPS and battery in the BOQ, we understand that these items are not in Bidder's scope. Kindly confirm Otherwise, it is recommended to include UPS and battery backup of 30 mins for uninterrupted power of cctv at junctions	No change, As per RFP
39	Scope of Work for the VISWAS Phase-II:	Expansion of CCTV Camera Network in existing 34-Cities: Strategic Locations, Traffic Junctions & Other Places	From the given statement, we understand the following : a) The existng poles will be made available for installation of cameras b) The power supply for the cameras will be given from the existing source in the junction box c) The existing switches will have available ports for connecting the new cameras to be installed as per the tender scope Kindly confirm	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
40	Price Bid	8. Qty. mentioned in the Annexure A is based on the current assessment and feedback received from concern stakeholders. However, at the time of implementation actual/available qty. will be considered and payment for the buyback will be deducted accordingly. 9. The Bidder for better understanding w.r.t understanding of scope of work and bill of qty for buyback (availability of buy back material) may visit the site(s) with prior written permission from the TENDERER before the date of pre-bid. The bidder will have to do its own assessment/ measurements for finalization of scope of work / supply before submission of their bid.	We understand that the buy back of items are not in part of the bidder's scope. Kindly confirm Otherwise, kindly clarify and confirm the modality of the buyback clause of the given items and their quantities	Please see the changes in the revised bid document.
41	Scope of Work for the VISWAS Phase-II:	1.6 It is proposed to merger & acquisition of CSITMS project with VISWAS Project by buy-back of the IT & Non-IT equipments installed in this project in addition to provide O&M and AMC support once the contract of existing agency over in near future	We understand that the merger and acquisition of CSITMS project is not in scope of this tender. Kindly confirm Otherwise, kindly provide BOQ details of CSITMS project and modality of deciding the buy back item value.	Please see the changes in the revised bid document.
42	Scope of Work for the VISWAS Phase-II:	2. Proposed Connectivity: Connectivity will be provided by purchaser/ TENDERER and not in the scope of this RFP.	We understand that there is no connectivity in bidders scope including last mile connectivity for connecting to end devices. Please confirm.	Up to the Junction box the connectivity will be provided by the purchaser/ TENDERER and not in the scope of this RFP. the connectivity from the Junction box to the camera will be in the scope of the bidder
43	Scope of Work for the VISWAS Phase-II:	3. Video Management System (VMS): It is proposed to use the existing VMS software to avoid multiple silos and for a smooth user experience. Tenderer will provide the required VMS software along with Page 22 of 117 the VMS licences and successful bidder of this RFP needs to use the same for camera discovery and maintenance for 5 years.	Integration of cameras with the existing VMS shall require support from existing VMS vendor and phase I implementation agency. This shall required necessary support from the Tenderer to formulate support methodology from smooth integration. Please clarify how the tenderer is planning to achieve the same.	Successful bidders have to co-ordinate with the existing agency for integration of the proposed camera with the existing VMS
44	Scope of Work for the VISWAS Phase-II:	4. Integrated Traffic Management System (ITMS): The successful BIDDER needs to integrate with existing ITMS solution including software & Hardware for (ANPR, RLVD & SVD) for a smooth user experience.	Integration with existing ITMS solution shall require support from existing ITMS vendor and phase I implementation agency. This shall required necessary support from the Tenderer to formulate support methodology from smooth integration. Please clarify how the tenderer is planning to achieve the same.	Successful bidders have to co-ordinate with the existing agency for integration of the proposed camera with the existing ITMS
45	Scope of Work for the VISWAS Phase-II:	5. Enterprise Management System (EMS): The successful BIDDER needs to integrate with existing EMS solution (including NMS, Helpdesk & Operational Management tools etc.) for better operational visibility & effective management.	Integration with existing EMS solution shall require support from existing ITMS vendor and phase I implementation agency. This shall required necessary support from the Tenderer to formulate support methodology from smooth integration. Please clarify how the tenderer is planning to achieve the same.	Successful bidders have to co-ordinate with the existing agency for integration of the proposed camera with the existing ITMS

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
46	Scope of Work for the VISWAS Phase-II:	ii. Integration with existing systems of VISWAS Phase-1 and other legacy projects: Bidder is responsible for integration of their CCTV feeds into the existing VMS solution of VISWAS Phase-1 at respective NETRAM such that there shall be a single Unified system for the entire state. Bidder is also responsible for the integration of cameras with existing Software/Applications like Speed Detection, Automatic Number Plate Recognition (ANPR), Page 24 of 117 Red Light Violation Detection (RLVD), Enterprise Management System (EMS) etc. The details of the existing system are provided as per Annexure-B and Annexure-G.	Kindly provide details of existing systems, software, Make, Model, End of Support etc. and also provide Annexure G	Please find enclosed list of Make and Model with corrigendum
47	SECTION-IV: TECHNICAL SPECIFICATIONS	Storage (For Applications)	Technical specifications of storage for application along with San Switch is provided, but both are not mentioned in BoQ. Please clarify. Additionally, please provide the details of application data for which these storage will be used.	Please see the changes in the revised bid document.
48	Eligibility Criteria Pt. No. 9 C)	c.) OEM for storage and servers should be from companies featuring in Gartner magic quadrant in leadership position. or OEM of quoted server should be qualified as Make in India as per public procurement (Preference to Make in India) order 2017 & its revision issued time by time. As per GR, quoted server should have 40% domestic value addition in terms of Bill of Material to qualify as domestically manufactured. AND The Manufacturer of the Server should have installation base of 1500 nos. of Server in India	We understand that servers and related software such as OS & DB are not in bidder scope. Please clarify.	Please see the changes in the revised bid document.
49	Implementation Timelines for the Bidder	Penalty	Since the delivery is to be done all across the state of Gujarat, so delivery of supply items will be done in a staggered manner. In that case, we request you to remove milestone basis penalty. Otherwise, if the execution of the entire project is completed within given time frame, after penalty deduction, kindly make sure that the penalties levied are re-imbursable to the bidder	No change, As per RFP
50	Annexure-A : Survey Summary	Lat Long details	Kindly provide us the lat long details of the exact locations for exact understanding of project overview and scope	Please see the Junction wise detail in the revised bid document
51		Extension	We request you to provide an Extension of Bid submission for three weeks from the present bid submission date	The last date of bid submission will be as per GeM bid date

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
52	sub Seciton: 3.2, Important points related to scope of VISWAS Phase-II, Sr. No. 2	Proposed Connectivity: Connectivity will be provided by purchaser/TENDERER and not in the scope of this RFP	As we understand that these are junction locations and sites are ready for services. We solicit clarifications on below two points: 1) Connectivity is ready for installation of switches, camera etc. Any further troubleshooting due to connectivity issue will be in scope of Tenderer only. Kindly confirm . 2) Any delay arised due to non readiness of connectiivty will not be contributable to the overall completion / SLA of an impmentation agency. Kindly confirm.	Time taken for the readiness of connectivity and configuration of connectivity will be considered a dependency of the connectivity provider & this delay will not consider in the account of the successful bidder under this bid.
53	Scope of work for VISWAS Phase-II (1.6)	It is proposed to merger & acquisition of CSITMS project with VISWAS Project by buy-back of the IT & Non-IT equipments installed in this project in addition to provide O&M and AMC support once the contract of existing agency over in near future.	Kindly confirm if buyback ,O&M & AMC needs to be considered in scope of this tender. If yes, kindly share the detailed asset list with warranty SLA.	Please see the changes in the revised bid document.
54	Eligibility criteria (4)	The bidder must have positive net worth and should be Profit making in each of the last three financial years as on 31st March, 2021	Request to kindly consider " bidder must have positive net worth or should be profit making in 3 out of last 4 financial years"	Please see the changes in the revised bid document.
55	Integration with existing systems of VISWAS Phase-1 and other legacy projects	Bidder is responsible for integration of their CCTV feeds into the existing VMS solution of VISWAS Phase-1 at respective NETRAM such that there shall be a single Unified system for the entire state. Bidder is also responsible for the integration of cameras with existing Software/Applications like Speed Detection, Automatic Number Plate Recognition (ANPR), Red Light Violation Detection (RLVD), Enterprise Management System (EMS) etc.	Kindly define & elaborate the scope of integration to be covered under this tender. Since no separate line item has been provided in the financial bid format.	No change, As per RFP
56	The successful bidder will complete the Installation & Commissioning of CCTV camera and related accessories as per scope of work of the Cluster.The overall Installation and Commissioning of hardware, Integration and offering for acceptance shall be completed.	T+240 days	This project includes supply & Installation at various locations . Request to kindly provide the timeline of atleast T+360 days to complete the project.	Please see the changes in the revised bid document.
57	Payment for cluster 1 to 3	50% against supply, 35% against I&C, 15% against FAT.	Request to kindly amend as " 70% against supply, 20% against I&C, 10% against FAT"	Please see the changes in the revised bid document.
58	Service Level and Penalty Clause	SLA Terms	SLA defined for the entire IT & NON-IT scope of the project. Kindly share the SLA for the items to be supplied & maintain under this project scope.	No change, As per RFP

Request for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II. RFP No: GIL/Home Dept./VISWAS Phase-II/2022, GeM Bid Number: GEM/2022/B/2667802 Dated: 21-10-2022				
Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
59	Integration with existing systems of VISWAS Phase-1 and other legacy projects	Bidder is responsible for integration of their CCTV feeds into the existing VMS solution of VISWAS Phase-1 at respective NETRAM such that there shall be a single Unified system for the entire state. Bidder is also responsible for the integration of cameras with existing Software/Applications like Speed detection, Automatic Number Plate Recognition (ANPR), Red Light Violation Detection (RLVD), Enterprise Management System (EMS) etc.	Kindly share the below details of existing OEM for VMS, ANPR, RLV, EMS, Storage, Server. * Make * Model * Software & Hardware Version * Year of Implementation * Available spare capacity in each system * Spare License availability in each system * Limitation in expansion capacity of any system if any Bidder understand all the licenses & supporting software, hardware will be provided by the tenderer. Kindly confirm if bidder understanding is correct.	Please find enclosed list of Make and Model with corrigendum
60	Video Storage (700 TB & 1.5 PB):	Video Storage (700 TB & 1.5 PB): Based on the camera count (as per the site survey), It is proposed to increase the Storage at respective NETRAMs. Bidder needs to SITC and O&M of additional 700TB each of video storage at five location (Amreli, Anand, Bhavnagar, Sabarkantha, Vadodara (Rural+ City) & additional 1.5 PB each of video storage at three location (Mehsana, Surat (Rural + City), Rajkot (Rural+ City)	As per SOW the mentioned storage is part of bidder scope, however the same is not part of price bid. Please clarify if the same is required to consider under scope, if yes please advise in which line item this price need to incorporate. Also please provide Existing make/Model & technical specification for storage. Kindly advise the mentioned storage 700,1.5TB is usable or Raw capacity with required RAID configuration.	No change, As per RFP
61	The MAF is required for Routers, Switches, Storage, Servers etc. being supplied under this project.	-	As per price bid server line item is not available. Bidder understand the existing servers are sufficient to cater the new cameras proposed under phase-II. Kindly confirm if bidder understanding is correct.	Required server will be provided by Tenderer
62	The MAF is required for Routers, Switches, Storage, Servers etc. being supplied under this project.	-	As per price bid Router line item is not available. Bidder understand the router shall be provided by the tenderer through ISP.	No change, As per RFP
63	Proposed solution should capable enough to utilize advance video analytical tools in near future.	-	Offer camera stream can be used for Video analytics, however integration will be required with VMS existing OEM.	No change, As per RFP
64	7. UPS (10 KVA & 1 KVA)	The successful BIDDER needs to provide 10 KVA UPS at each 34 NETRAMs & 2 Commissionerate Area (Surat & Vadodara) & 1 KVA UPS at all 51 City Police Station & 1 Rajkot Commissionerate Area for power backup.	Kindly clarify the requirement as the same is not part of price bid.	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
65	Comprehensive Last mile connectivity	h. Comprehensive Last mile connectivity (including supply, installation & commissioning of required material/hardware) between utilities and nearby Junction (connectivity medium like CAT-6/fibre, power cable as per the site requirement) including supply of active and passive component within/ interconnected the junction boxes. Civil Work (Supply, Erection and commissioning) of Non-IT infrastructure like Poles/Gantry/ frames/fixtures/housing etc. with proper electrical earthing (as per IS-3043) wherever required as per the feasibility plan/ report.	Kindly provide tentative distance form the nearest POP to last mile connectivity including power source.	Up to the Junction box the connectivity will be provided by the purchaser/ TENDERER and not in the scope of this RFP. the connectivity from the Junction box to the camera will be in the scope of the bidder
66		g. The Successful Bidder shall be responsible to Integrate equipments procured under this RFP with existing state (TRINETRA) and city level (NETRAM) command and control centre as per the scope of work including necessary software and Hardware.	As per tender control room hardware and software are not part of price bid BOQ, kindly clarify.	No change, As per RFP
67	m. The Successful Bidder shall be responsible for shifting and reinstallation of equipments installed under the scope of work by him during the contract duration which may be required due to implementation of various development projects throughout the state.	The Successful Bidder shall be responsible for shifting and reinstallation of equipments installed under the scope	Kindly let us know the tentative quantity & type of re-installation work.	Please see the changes in the revised bid document.
68	3.2.4.1	3.2.4.1 Existing Speed Detection System of VISWAS Phase-I:	Camera stream will be provided to respective applications. However, Accuracy of ANPR & face identification are part of existing software application. Please clarify.	The bidder shall co-ordinate with the existing agency for setting up focal length, the field of view, and the required Camera configuration to achieve desired accuracy under the existing VMS and ITMS solutions.
69	Gantry including mounting/installation (Running Feet)- 11000 ft		Kindly provide us the segregated Qty for type M type & C type gantry instead of running meter.	No change, As per RFP
70	Annexure-C: Category wise Item details		Annexure -C scope is not clear as the same is not part of price bid, kindly clarify.	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
71	Focal Length: 5 to 150mm or Better	Request to consider 4.3-137.6 mm or equivalent to 30x zoom for lens focal length	Different OEM's have different focal length parameter based on sensor size but we offer 4.3-137.6mm which matches 30X criteria and its functionally complied to your requirement	(The minimum required optical zoom is 30 X). "Lower end of focal from 4.3 mm to 5 mm will be allowed. The higher end of the focal length from 129 mm to 150 mm will be allowed
72	Alarm Support Required (1 Input and 1 Output)	Please revalidate this point	Unsupervised I/O points on field cause issue in function of camera, and today's network cameras are all capable of accepting Virtual Inputs/ Outputs via soft triggers if required from other systems & devices. As, the project scope considers these cameras for minimum 5-7 years, we request the TENDERER to relook at this point	No change, As per RFP
73	Audio Support Required (1 Input and 1 Output)	Please revalidate this point	Normally PTZ Camera are mounted on a 4-5 mtr pole, it is difficult to hear/ capture audio/voice from this height, and as a PTZ camera is meant for 360° coverage with zooming to longer distances, Audio capture is not functionally practical for capturing and syncing with video that is being captured from all around the area (360°). We request the TENDERER to relook at this point to allow more reputed OEMs to propose functionally viable cameras.	No change, As per RFP
74	Security : Password Protection, HTTPS encryption, IEEE 802.1X	Security : Password Protection, HTTPS encryption, IEEE 802.1X,	Secure boot, Trusted platform module(TPM), SRTP Protocol for end to end encryption and no GB/T2818 protocol in cameras Request to include: <ul style="list-style-type: none"> • Firmware tampering protection at Camera level by camera OEM • Streaming protocol encryption – SRTP No GB/T 2818 protocol - which is known globally for being used in Chinese origin cameras to gain backdoor entry access into the camera and access sensitive & crucial video footage by external spying agencies & Chinese govt. agencies. Cyber security is a very important and critical criteria specifically when the equipment is deployed in public domain, however these critical aspects are missing in this tender. We request the TENDERER to consider and include these points to make system more cyber robust and secure from spying. This clause is being asked in many recent govt. tenders, for e.g.: Mumbai High Court Tender, ONGC tender & UP Police Station tender attached for reference.	Please see the changes in the revised bid document.
75	Security : Password Protection, HTTPS encryption, IEEE 802.1X	Additional	The Intellectual Property Rights (IPR) of CCTV Cameras to be supplied against this tender do not reside in China or from a country which shares a land border with India. CCTV CAMERAs to be supplied against this tender are not manufactured by an entity in which the majority shareholding (>50%) of the entity is from China or from a country which shares a land border with India. To ensure the credibility & accountability of participating camera OEMs as per the registered Intellectual Property rights and Patents. This clause is being asked in many recent govt. tenders, for e.g.: Mumbai High Court Tender, ONGC tender attached for reference.	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
76	Security : Password Protection, HTTPS encryption, IEEE 802.1X	Additional	<p>The MAC ID's of the CCTV Cameras to be supplied against this tender shall be registered in the name of the OEM of the CCTV Cameras.</p> <p>To avoid rebranding and ODM of the product and ensuring the credibility & accountability of participating camera OEMs.</p> <p>This clause is being asked in many recent govt. tenders, for e.g., ONGC & UP police tender attached for reference.</p>	Please see the changes in the revised bid document.
77	Security : Password Protection, HTTPS encryption, IEEE 802.1X	Additional	<p>The cameras offered must be cyber security certified with NDAA/UL Cyber security certificate/GDPR/NIST/ TPM/Cybersecurity Chipset/ Any other cyber security certificate from Indian Government body for mitigating cyber security risk.</p> <p>We request the TENDERER to consider and include these points to make system more cyber robust and secure from spying as certified from reputed entities.</p> <p>This clause is being asked in many recent govt. tenders, for e.g., ONGC tender attached for reference.</p>	Please see the changes in the revised bid document.
78	Outer casing :Vandal Proof IK10 or above rated, NEMA 4X/ IP66 rated Housing	Additional	<p>Please add NEMA TS2 approval or certificate</p> <p>Since this camera require for ANPR application so for better clarity in windy environment/vibrating environment</p>	No change, As per RFP
79	OEMs of proposed equipment/component s should have their own registered office in India as per the prevalent/ applicable laws of India and be in operation in India for last five years as on the bid issuance date.	Additional	<p>OEMs of proposed equipment/components should have their own registered office in India and having RMS setup with registered GST as per the prevalent/ applicable laws of India and be in operation in India for last five years as on the bid issuance date.</p> <p>For achieving faster SLA and Prompt service</p>	No change, As per RFP
80	OEM for other networking equipment's should be in the top Five positions in terms of market share in India as per latest available IDC report or should be present in latest Gartner magic Quadrant.	Additional	<p>Same type of report or standing should be extended for Camera through equivalent agency OMIDIA/HIS/IMS For ensuring quality and proven Camera's OEM'S are considered</p>	No change, As per RFP
81		Implementation period from acceptance of WO and till go-live	<p>Since period of implementation is different for cities hence period should be taken till partial go-live</p>	No change, As per RFP
82		In case incorporation is less than 3 years old	<p>if organization will be <3yr old then how will orgaz qualify against criteria 1 (5 yr existence)</p>	Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
83		Bidder should be profit making in each of last 3 financial years	Since difficult economic conditions were faced during covid period, hence profitability criteria to be relaxed. Net worth positive should be treated as confirmation of healthy organization	Please see the changes in the revised bid document.
84		Bidder quoting 1 cluster should have executed one 20Cr project, quoting 2 clusters should have executed one 35Cr project and quoting 3 clusters should have executed order of min 50Cr. All experience have been asked in SI/DC/Ni project	By FY'22, many smart cities and safe city projects have been executed in country hence there will be many eligible bidders with similar work experience. Such projects need experience in similar domain hence execution experience of surveillance and ITMS must be mandatory from bidder Experience of execution of large project is MUST, because such projects need SI to have capability to handle heavy cashouts to multiple vendors in a longer implementation cycle especially when such cycles stretch sometimes for unavoidable reasons and sometimes cost increase due to higher inflation. Hence the experience on size of similar project (surveillance) should be increased to (1) 50Cr for bidder quoting 1 cluster (2) 100Cr for bidder quoting 2 clusters and (3) 150Cr for bidder quoting 3 clusters	No change, As per RFP
85		Successful bidder can do site visit but can't raise on RFP but can be submitted in writing	The language is confusing as not known whether this is for bidder or successful bidder? Whole statement should be correct in sync with point e	Please see the changes in the revised bid document.
86		For the client end application support, bidder will provision and supply necessary hardware plus computing power that will be good for camera feeds that will be four times of what is being installed at end points. Storage will be as per the capacity indicated with provision for addition of extra storage disks only to take storage capacity to double of what is being asked	Does this mean bidder has to provide compute power for 4X cameras (X=No of camera asked in RFP) and storage which can be upgraded to 2Y (Y=Storage space asked in RFP)	Please see the changes in the revised bid document.
87		The Successful Bidder of the Cluster shall be responsible for shifting and reinstallation of equipments installed under the scope of work by him during the contract duration which may be required due to implementation of various development projects throughout the state. Bidder will be paid for such work @ 5% of the unit price quoted for the edge equipments /Gantry /Pole/Junction box etc. Further, Damage/Physical loss, etc. during the shifting and reinstallation activity shall be borne by Bidder.	Clause is having following issues - 1. The cost of shifting and reinstallation is much higher than 5%. The rational behind the 5% should have been explained. 2. Any field job comprises of (a) Movable items (b) Immovable items. The whole jfield job includes substantial immovable portion. Only movable items can be shifted and immovable have to be done from scratch at new site. RFP doesnt provide format for mentioning of all items. A bidder is expected to quote for field items in prescribed format then how will the bidder be able to relate to 5% as cost of items 3. And if it is left to the bidder to absorb such risks, then an estimate on such number of cases should be given in RFP so that bidder can absorb the cost in their bid 4. Damaged or stolen equipment can only be claimed through insurance. Bidder will need differential amount (over and above insurance claim to meet Rate mentioned in bid) from tenderer to replace stolen or damaged equipment Suggestion is to introduce a rate card in bid with a volume of such cases; so that the same can be followed during contract for all such cases	Please see the changes in the revised bid document.
88		SLA enforcement despite theft, stolen equipment	Only way to meet criteria is with use of spares. Since such cases can't be depicted in advance by anyone hence SLA should be enforced till consumption of all spares; post which bidder can't be expected to meet SLA	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
89		In case no such infrastructure is available for the installation of the end points the bidder will have to erect install and utilize the same for the successful implementation of the project	The statement is not synchronizing with rest of the clause. Hence this should have been - In case no such infrastructure is available for the installation of the end points the bidder will have to erect and install new infra for the successful implementation of the project	No change, As per RFP
90		In case no such infrastructure is available for the installation of the end points the bidder will have to erect install and utilize the same for the successful implementation of the project	The decision for installing new infra should not be left to the bidder. Only when task force approves new infra based on justification provided by bidder; a new infra should be erected and installed. If bidder installs any new infra without approval from task force then such site shall not be paid	No change, As per RFP
91		In case if the quoted product/equipment goes out of support or warranty during the implementation period, the successful bidder will have to replace the same with the higher model of same make without any cost limitation to the TENDERER.	7 years is a long period where technology enhances, new OEMs emerge hence clause should not insist on same make on expiry of warranty. This flexibility helps bidder to sustain project against monopoly of OEM after warannty expires of their own product	No change, As per RFP
92		The FAT will be provided as per the Lot/Clusters/cluster/cities defined in Annexure-A.	FAT of a LOT/Cluster is different from FAT of city hence request to keep it for the city otherwise completd cities will have to depend upon incomplete cities of a LOT in case partial go-live remains on LOT	No change, as per RFP
93		The Successful Bidder of the Cluster shall ensure the structure stability of installation of Pole/ Gantry at public places & provide certificate from subject matter expert	Stage of the proect when such certificate is required, should be mentioned	No change, As per RFP
94		Timelines of project start from work order	Request to have timelines from signing of agreement as this is critical document basis which large contracts are executed and agreement is responsibility of both the parties Work Order issuance is only one step, it has to be checked for any error/anomalies and it doesn't carry all terms of project execution hence enforceable terms in project can only emerge from contract not work order. Also if agreement signing is made mandatory, both parties will be interested in signing it early otherwise it becomes a unimportant document for tenderer while remains most critical for the bidder. All large projects in country are executed after agreement gets signed	Please see the changes in the revised bid document.
95		15 days for submisison of implementation plan	Most important step, which can highlight upcoming challenges and methods of overcoming those is the "Site Survey". All sites should be first surveyed, locations frozen, matters of additional Poles/Gantry discussed within 45 days. This should be the 1st milestone of project. Project plan should emerge from the outcome and decisions taken on the survey otehrwise a plan will be given but challenges known later	Please see the changes in the revised bid document.
96		120 days for supplies	While supply milestone can be payment milestone but it should not be mandated upon bidder. Supplies when done due to penal clauses on late delivery, even for sites going through readiness challenges; the equipment remain idle with loss of warranty on each passing day. This is clear wastage of warranty, also tenderer pays for the equipment with no real benefit (due to stalled installation) Supply + Implementation milestone should be evaluated together against timelines as just supplies mean nothing if equipment are not installed. If there will be challenges at sites and both tenderer and bidder agree, then such supplies shall be on hold till the challenges are overcome. Neither tenderer will havr to pay for supplies pending for installation; NOR the bidder will run losses due to pending claim (for delayed installation).	Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
97		240 days for installation	240 days should be supply & installation with penal clauses	Please see the changes in the revised bid document.
98		Penalty clauses for delayed supply & installation	Currently Penalty is on total value of delayed part. If above suggestion is accepted then supply & installation milestones can be combined and penalty can be imposed for missing the target timeline of installation (timeline which actually should matter to tenderer). In current form of clause, it is requested to penalize on Milestone value of product rather than total value of product because bidder is receiving partial money in each milestone so can be subjected to relevant penalties only. A product value is paid across 3 milestones so imposing penalty again & again on full value, takes it beyond its milestone value	Please see the changes in the revised bid document.
99		T = Work order date	Request to keep T = Agreement signing date, reasons stated in above queries	Please see the changes in the revised bid document.
100		Project imp time should not be associated with order acceptance/signing of agreement	Request to keep T = Agreement signing date, reasons stated in above queries	Please see the changes in the revised bid document.
101		Maximum penalty cap for delay is 10% of capex cost for the ordered item	Since it says for ordered item, does this mean penalty cap for each item is 10% of value of item	No change, As per RFP
102		If there is a delay in delivery of the supply of hardware, applicable penalty for delay in delivery of delayed/non-supplied hardware will be levied. Due to delay in delivery, if installation gets delayed further applicable penalty for delay in installation and commissioning will also be levied for that non-supplied and non-installed hardware	Exactly for the same reason, we have requested above to combine supply and installation milestones. Just supply means nothing to project, only when it gets installed, it delivers some benefit to the tenderer. So ultimate delay is when installation gets delayed, it should not matter when the items were supplied. It should be left to the bidder to plan their supplies in such a way that end milestone of installation can be met. And places where it would not be possible to install, those supplies can be put on hold after taking consent from tenderer	Please see the changes in the revised bid document.
103		If TENDERER fails to provide space and related clearances to carry out the job as per the agreement terms, as a result of which the installation of the equipment is delayed and the selected agency is not able to adhere to the schedule for completing the Acceptance Tests. Delay solely on account on above will not be accounted while ascertaining actual delay and penalties thereof	This just solves one problem i.e. NO penalty for no fault of bidder. But doesn't solve the cashflow issue for bidder as item would have waited longer to get installed leading to delayed recovery against remaining milestone and item would have lost warranty. In such situations, only if item gets paid fully and warranty of item started on supplies, then it makes the clause fully fair	No change, As per RFP
104		The Successful Bidder of the Cluster shall carry out cabling work at such locations as may be decided by the TENDERER within a specified period as specified in Instruction letter/LOI/Order and complete their provisional Acceptance Test to the satisfaction Page 41 of 117 of the TENDERER and its user Departments within 10 days from the date specified	When will this situation of 10 days arise. There is no such step in implementation milestones. Need to understand how this fits into given timelines and milestones	No change, As per RFP
105		The Successful Bidder of the Cluster shall arrange to obtain all statutory permission with no cost to the TENDERER.	The ROW, electric connection charges etc. shall be reimbursed. We hope the same remains despite this clause	No change, As per RFP
106		Extension - TENDERER will extend the Contract Period at the same terms and conditions for next 2 years based on the performance of the SUCCESSFUL BIDDER and their extension proposal	Rates over the period of 6 years can't be maintained for 2 more years. There should be inflation adjustment for 2 years extension. We suggest the inflation adjustment of 8% YOY from the day of bid submission	No change as per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
107		Affected Party shall notify to the other Party in writing of the occurrence of the Force Majeure as soon as reasonably practicable, and in any event within 5 (five) days after the Affected Party came to know or ought reasonably to have known, of its occurrence and that the Force Majeure would be likely to have a material impact on the performance of its obligations under the Agreement	5 days are very less to assess and determine its impact. We have seen during Covid-19, it used to take sometime to assess the situation of lockdown hence we suggest to keep it for 15 days	No change, As per RFP
108		The performance guarantee will be in the form of bank guarantee for the amount equal of 10% of the value of the Order / LOI	The PBG has been asked as 5% for Capex and 5% for Opex portion in 5.23.2. hence clause 5.33.2 should be corrected to avoid confusion	Please see the changes in the revised bid document.
109		Termination by bidder	The clause states delay for 2 consecutive quarters - Means if delays are there during implementation then there are no such rights because implementation period has no such quarters. We suggest to keep delay of 90 days as the event of default for non-payment across all milestones	No change, As per RFP
110		In case the processing of the invoice gets delayed beyond 45 days from the date of acceptance of invoice, the successful bidder would be paid an adhoc amount of 50% of invoice value and the remaining amount would be released after getting clarifications, due verification and imposition of penalty, if any	This is flawed clause as when it is known that 45 days are over then bidder can't be paid 50% within 45 days. Actually intent of the clause is to process 50% within 45 days hence we request to amend the clause to - 50% of the invoice value shall be processed within 45 days of acceptance of invoice and balance within 60 days from acceptance of invoice after getting clarifications, due verification and imposition of penalty, if any	No change, As per RFP
111		Patent claim	We assume this is in line with indemnity clause 5.36.1	No change as per RFP
112		OEMs of proposed equipment/components should have their own registered office in India as per the prevalent/ applicable laws of India and be in operation in India for last five years as on the bid issuance date. Registered offices by way of Joint ventures, Franchise, agency, distribution partners will not be considered. OEM should have direct presence in India of at least 05 years	As per the latest Public procurement (preference to make in India) order mentioned, note to restrict domestic manufacturers/suppliers by restrictive conditions. So Please revise as per below OEM should have direct office in India from 5 Years as on Bid submission date. OR <u>OEM should have own Factory of surveillance equipment & also have supplied 1,00,000 number of camera as on bid submission date and CA certificate will have required.</u>	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
113		If the bidder wants to prove any Make in India products (As specified in the policy released by department of Promotion of Industry and internal trade, Ministry of commerce and Industry, Government of India dated 4th June 2020 having no. P-45021/2/2017-PP (BE-II)), which meets the functional and technical requirements specified in the RFP but not qualifying above mentioned criteria, the bidder shall be required to submit all additional justification/ documents/ information along with bid on the aptness of the same product to meet SLA requirements of the RFP Including undertaking on INR 300 rupees non-judicial stamp paper from the proposed OEM of meeting all the functional & technical requirements specified in the RFP & OEM's Statutory Auditor Certificate certifying 60% domestic value addition in terms of composition of product. In case details provided is found to have misrepresented any facts or documents or any piece of information, then OEM/s shall be disqualified and blacklisted.	Please note many " Make In India CCTV OEM s" present in India with direct manufacturing capacity falls under the category of class 2 supplier with domestic composition of materials falling between 20% to 50%. Hence Request you to amend the same between 20% to 50% which will enable many OEMs to participate and have healthy competition.	No change, As per RFP
114	RFP No: GIL/Home Dept./VISWAS Phase-II/2022	Point No.8_Multi Focal Lens: ≤ 6 mm to ≥ 50 mm Lens or better (For ANPR & Speed detection Cameras)	For 6mtr Pole/6.5m Gantry height 11-40mm Lens is sufficient for ANPR & Speed Detection Camera. So request you to please allow 11-40mm Lens for ANPR&Speed Detection Camera. Request to amend the Specification as " ≤ 11 mm to ≥ 40 mm Lens or better (For ANPR & Speed detection Cameras) & ≤ 4.1 mm to ≥ 9 mm "Lower End of Focal length less than 4.1 mm (3, 3.5 etc. allowed), Higher End of Focal Length more than 9 mm (10, 11, 20 etc. Allowed) (For RLVD Cameras) "	No change, As per RFP
115	RFP No: GIL/Home Dept./VISWAS Phase-II/2022	Point.No.11_IR illuminator: External Illuminator	Request you to please allow Housing with Built-in IR LED and amend the specification as " Built-in or External Illuminator with visibility should be at least 50m, Power requirement & connectivity should be part of the solution. Illumination (Colour & b/w) should be sufficient to capture Objects/Faces at night time when there is not sufficient illumination at site."	No change, As per RFP
116	RFP No: GIL/Home Dept./VISWAS Phase-II/2022	Point.No.11_IR illuminator: External Illuminator	Request you to please allow Housing with Built-in IR LED and amend the specification as " Built-in or External Illuminator with visibility should be at least 50m, Power requirement & connectivity should be part of the solution. Illumination (Colour & b/w) should be sufficient to capture Objects/Faces at night time when there is not sufficient illumination at site."	No change, As per RFP
117	Video Streams	Individually configurable min 03 video streams (H.265), Unicast/ Multicast	Shall we consider that all 3 individual stream shall be configurable at cameras highest resolution and at highest frame rate	No change, As per RFP
118	Video Streams	Individually configurable min 03 video streams (H.265), Unicast/ Multicast	Shall we consider that all 3 individual stream shall be configurable at cameras highest resolution and at highest frame rate	No change, As per RFP
119	Streaming Capability	Individually configurable minimum 03 video streams (H.265 or better)	Shall we consider that all 3 individual stream shall be configurable at cameras highest resolution and at highest frame rate	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
120	Compliance to Requirement (Technical / Functional Specifications)	Cyber Security	Considering cybersecurity concerns we would request you to add clause where OEM of all equipments like cameras, server, storage etc should submit the declaration regarding the Sensor or Chipset or SOC used in their products with make and model to ensure transparency and assurance of products bidded from OEM are not having any backdoors or cybersecurity threats and fall under non-chinese origin.	No change, As per RFP
121	5.2 Cost of Bidding	5.2.2 Bidder is requested to pay Rs. XX,000/- as a bid processing fee (Non-refundable) in the form of demand draft in favour of "Gujarat Informatics Ltd." payable at Ahmedabad/Gandhinagar along with the EMD cover. In case of non-receipt of bid processing fees & EMD the bid will be rejected by GIL/Home Department as non-responsive.	Please confirm the Bid processing fee	Bid processing fees is not applicable for this GeM bid. Please see the changes in the revised bid document.
122	2.3 Eligibility Criteria	Bidder should be an established IT /Telecom/Security Surveillance Solutions System Integrator and should have been engaged in setting-up and Operations & Maintenance Services of Network (Active or Passive) and Data Centres for a period of at least five years as on bid issuance date.	According to the clause non relevant bidders can also participate by seeing the project importance in the public interest it is necessary to allow only the relevant bidders to participate the tender , Thus request you to please change the clause so that only relevant bidder can participate in the tender. Bidder should be an established IT /Telecom/Security Surveillance Solutions System Integrator and should have been engaged in setting-up and Operations & Maintenance Services of Network (Active or Passive) and Data Centres for a period of at least five years as on bid issuance date.	No change, As per RFP
123	3.2.3 City Surveillance System	Identification of Face- Required	Please confirm that face recognition is in the scope of the RFP and if yes then please confirm the no. of licences in BOQ	No change, As per RFP
124	3.2.9.8 Manpower Requirement	3.2.9.8 Manpower Requirement	Please confirm the total no. of manpower required also as Manpower contributes the major part in costing thus request you to kindly include in the Price Bid	No change, As per RFP
125	3.3 Implementation Timelines for the Bidder	Days TENDERER may terminate the contract and forfeit the PBG	As per current scenario working with single make makes the delivery delay due to shortage of the material in the market due to which project got delay also taking permission from different departments is also the time taking process thus request you to please dissolve this clause	No change, As per RFP
126	Operational Penalties during the O&M Period:	If the uptime goes below 95%, tenderer may terminate the contract.	Working on the field is very different from the datacenter or call center this clause ultimately hinders the participation of the potential bidders who have already worked in such projects and have experience for it but "terminating the contract" will only deprive potential bidders from participation. Thus we request you to please dissolve this clause	No change, As per RFP
127	5.44 Project Implementation	5.44.5 The successful bidder shall arrange to obtain all statutory and regulatory permission (If any) at no cost to the Government of Gujarat.	According to our understanding and the RFP clause "The Tenderer will reimburse the RoW charges to the successful bidder on submission of the actual receipts of the such charges paid." mentioned on page no.102 under the clause -Annexure-E: Guideline for Underground Cabling" , that the department apart from RoW charges the will not reimburse on any other section	No change, As per RFP
128	Format IX – Declaration Letter regarding Blacklisting (For Lead Bidder / Consortium)	Format IX – Declaration Letter regarding Blacklisting (For Lead Bidder / Consortium)	Please confirm consortium is allowed or Not?	The consortium is not allowed Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
129	Technical Specifications	Add New Clause	RFP has not asked Security Components like Anti-DDOS, WAF to protect infrastructure from Volumetric and L7 DDOS attacks which can bring entire infrastructure down in few minutes. Hence, we request you consider mention these Solutions in the RFP so that Bidder will consider it while designing the solution.	No change, As per RFP
130	5.23 Notification of Award & Signing of Contract	The PBG shall comprise two parts; 5% of the value of Schedule-I of Price Bid (Capex component) valid for one year which would be discharged and returned after completion of FAT, and second part as 5% of the value of Schedule – II of Price Bid (O&M component) valid up to 180 days beyond the expiry of contract.	As per the recent Notification No. F.9/4/42020-PPD from the Ministry of Finance, we request you to kindly limit the Performance Bank Guarantee to 3% of Capex value instead of present requirement of 5%. Hence kindly amend the clause as, "The PBG shall comprise two parts; 3% of the value of Schedule-I of Price Bid (Capex component) valid for one year which would be discharged and returned after completion of FAT, and second part as 3% of the value of Schedule – II of Price Bid (O&M component) valid up to 180 days beyond the expiry of contract."	No change, As per RFP
131	3.3 Implementation Timelines for the Bidder	<p>1. Submission of Detailed implementation plan/roadmap, Signing of contract agreement and submission of performance Bank Guarantee : T+15 days</p> <p>2. Delivery of the ordered items as per the work order at central location (bidder's warehouse at Gandhinagar/Ahmedabad) : T+ 120 days : 50% of Total Component value of Delivered Part</p> <p>3. Installation & Commissioning of CCTV camera and related accessories as per scope of work of the Cluster : T+ 240 days : 35% of Total Component value</p> <p>4. 3 months from the date of Issuance of successful FAT Certificate : 15% of Total Component value</p> <p>5. Operation and Maintenance : 60 months from Go-Live : 20 equal Quarterly Instalments after the end of each quarter of each cluster</p>	<p>It is very challenging for any System Integrator to meet such stringent timelines and perform the work with the given payment terms. We request you to amend the project timelines & payment terms as suggested below.</p> <p>1. Submission of Detailed implementation plan/roadmap, Signing of contract agreement and submission of performance Bank Guarantee : T+15 days : Mobilization Advance (Interest free) of 10% of Total Component value against equivalent bank guarantee.</p> <p>2. Delivery of the ordered items as per the work order at central location (bidder's warehouse at Gandhinagar/Ahmedabad) : T+ 240 days : 80% of Total Component value of Delivered Part On pro- rata basis</p> <p>3. Installation & Commissioning of CCTV camera and related accessories as per scope of work of the Cluster : T+ 300 days : 5% of Total Component value On pro- rata basis</p> <p>4. 3 months from the date of Issuance of successful FAT Certificate : 5% of Total Component value</p> <p>5. Operation and Maintenance : 60 months from Go-Live : 20 equal Quarterly Instalments after the end of each quarter of each cluster</p>	Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
132	3.3 Implementation Timelines for the Bidder	<p>Penalty for Cluster -1 to 3 (for each cluster)</p> <p>1. A penalty of 0.1% of Contract value for Delay for every Week or part thereof. Delay beyond T + 21 Days, TENDERER may terminate the Work Order/Contract and forfeit the PBG. In such case, TENDERER may consider issuing Work Order to L2 bidder.</p> <p>2. A penalty of 1% of Total Component value of Delayed/Non Delivered Part (as per Schedule-I of Price BID) for every Week or part thereof. Delay beyond T + 135 days TENDERER may terminate the contract and forfeit the PBG.</p> <p>3. A penalty of 0.75% of Total Component value of Delayed Part (as per Schedule-I of Price BID) for every Week or part thereof. Delay beyond T+255 Days TENDERER may terminate the contract and forfeit the PBG.</p>	<p>We request that separate penalty for each milestone and termination to be removed. Generally penalty shall be charged at a fixed rate of 0.1% of undelivered part of the Capex value which shall be capped at 10% of Capex value. Request you to kindly accept the same and do the following amendment:</p> <p>Any delay in the delivery of the Project Deliverables (solely attributable to vendor) would attract a liquidated damage per week of 0.1% of the undelivered portion of the Capex Value. The penalty is limited to maximum 10% of the Contract Value. However, LD shall be levied only for delay beyond the scheduled overall Project completion date and not on intermediate milestones.</p> <p>1. A penalty of 0.1% of Contract value for Delay for every Week or part thereof. Delay beyond T + 21 Days, TENDERER may terminate the Work Order/Contract and forfeit the PBG. In such case, TENDERER may consider issuing Work Order to L2 bidder.</p> <p>2. A penalty of 1% of Total Component value of Delayed/Non Delivered Part (as per Schedule-I of Price BID) for every Week or part thereof. Delay beyond T + 135 days TENDERER may terminate the contract and forfeit the PBG.</p> <p>3. A penalty of 0.75% of Total Component value of Delayed Part (as per Schedule-I of Price BID) for every Week or part thereof. Delay beyond T+255 Days TENDERER may terminate the contract and forfeit the PBG.</p>	No Change, As per RFP
133	6.2 Price Bid	5. Bidder needs to upload detailed priced BOQ along with the Part code and pricing of all the line items.	There will be lot of sub items for the components and part code shall be mentioned for all the items against a line item. Hence we request you to allow to mention make and model only now for the submission. Partcode details shall be submitted before supply of components. Kindly confirm.	Please see the changes in the revised bid document.
134	3.2 Scope of Work for the VISWAS Phase-II:	1.6 It is proposed to merger & acquisition of CSITMS project with VISWAS Project by buy-back of the IT & Non-IT equipments installed in this project in addition to provide O&M and AMC support once the contract of existing agency over in near future.	We understand that all the IT and Non IT equipments were supplied before 5 years and most of the product shall become obsolete. Hence it is very difficult for the bidders to quote for the buyback and Maintaining the O&M and AMC for the existing project. Request you to kindly remove the same from the current scope of work of bidder from this RFP.	Please see the changes in the revised bid document.
135	3.2 Scope of Work for the VISWAS Phase-II:	<p>2. Proposed Connectivity: Connectivity will be provided by purchaser/TENDERER and not in the scope of this RFP</p> <p>h. Comprehensive Last mile connectivity (including supply, installation & commissioning of required material/hardware) between utilities and nearby Junction (connectivity medium like CAT-6/fibre, power cable as per the site requirement) including supply of active and passive component within/interconnected the junction boxes. Civil Work (Supply, Erection and commissioning) of Non-IT infrastructure like Poles/Gantry/frames/fixtures/housing etc. with proper electrical earthing (as per IS-3043) wherever required as per the feasibility plan/report.</p>	<p>Since connectivity is in client scope, the bidder would not know till which point the bandwidth shall be provided by the bandwidth service provider. Hence it would be very difficult for the bidders to estimate the last mile connectivity cost including the passive cabling/ fibre cabling etc.</p> <p>Hence, we request client to provide the connectivity till the junction box of the MSI (at each location) so that the scope shall be clear between bidder and client.</p>	Up to the Junction box the connectivity will be provided by the purchaser/ TENDERER and not in the scope of this RFP. the connectivity from the Junction box to the camera will be in the scope of the bidder

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
136	3.2.2 General Obligation of the System Integrator	v. Actual power/electricity required will be provided by TENDERER. However, extension till the last mile/actual utility will be in the scope of the Successful Bidder of the Cluster. Further the Recurring Electricity charges under the project shall be paid by the TENDERER.	We understand that required cable extension for power shall be in bidder scope however if any transformer is required for stepping down the power shall be provided by the client. Kindly confirm.	No change, As per RFP
137	2.3 Eligibility Criteria	As per GR, quoted server should have 40% domestic value addition in terms of Bill of Material to qualify as domestically manufactured. AND The Manufacturer of the Server should have installation base of 1500 nos. of Server in India	There is a qualification clause given for Server OEM and supply of servers is not in scope of work of this RFP. However our understanding is that Servers are already existing in NETRAM and same shall be utilised for the additional cameras also. Kindly confirm if our understanding is correct. If not, and additional servers need to be procured by the bidder the request you to add the line item in the give Price Schedule.	Please see the changes in the revised bid document.
138	2.3 Eligibility Criteria	As per GR, quoted server should have 40% domestic value addition in terms of Bill of Material to qualify as domestically manufactured. AND The Manufacturer of the Server should have installation base of 1500 nos. of Server in India	The mentioned clause is very restrictive and it would not allow multiple OEM participation. Hence request you to kindly remove the qualification criteria for servers.	Please see the changes in the revised bid document.
139	2.3 Eligibility Criteria	If the bidder wants to prove any Make in India products (As specified in the policy released by department of Promotion of Industry and internal trade, Ministry of commerce and Industry, Government of India dated 4th June 2020 having no. P-45021/2/2017-PP (BE-II)), which meets the functional and technical requirements specified in the RFP but not qualifying above mentioned criteria, the bidder shall be required to submit all additional justification/ documents/ information along with bid on the aptness of the same product to meet SLA requirements of the RFP Including undertaking on INR 300 rupees non-judicial stamp paper from the proposed OEM of meeting all the functional & technical requirements specified in the RFP & OEM's Statutory Auditor Certificate certifying 60% domestic value addition in terms of composition of product. In case details provided is found to have misrepresented any facts or documents or any piece of information, then OEM/s shall be disqualified and blacklisted.	We understand that only for Servers, the domestic value addition shall be 40%. All other components needs to be with minimum 60% domestic value addition in terms of composition of product. Kindly confirm.	The same is applicable for storage. Please see the changes in the revised bid document.
140	2.3 Eligibility Criteria	As per GR, quoted Switch should have 60% domestic value addition in terms of Bill of Material to qualify as domestically manufactured. The Manufacturer of the Network switch should have installation base of 1500 nos. of Managed/PoE switches in India.	The mentioned clause is very restrictive and it would not allow multiple OEM participation. Hence request you to kindly remove the qualification criteria for servers.	No change, As per RFP
141	2.3 Eligibility Criteria	Note: In case Bidder is a wholly owned subsidiary, the experience of Parent company would be considered for eligibility	Eligibility criteria shall be applicable for the companies who are actually going to execute the works. Hence, Parent company credential should not be considered for eligibility and we request you to remove this clause.	Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
142	2.3 Eligibility Criteria	In case bidder want to quote for any two clusters then, bidder should have demonstrable expertise and experience in executing at least ONE project of Network Integration / Systems Integration/Data Centre (setting up or O&M) anytime during last five years as on bid issuance date, having a minimum value of Rs. 50 crores or TWO projects having a minimum value of Rs. 25 crores each.	We understand that there is a typo error in the clause, Kinldy amend the clause as: "In case bidder want to quote for any two all three clusters then, bidder should have demonstrable expertise and experience in executing at least ONE project of Network Integration / Systems Integration/Data Centre (setting up or O&M) anytime during last five years as on bid issuance date, having a minimum value of Rs. 50 crores or TWO projects having a minimum value of Rs. 25 crores each."	Please see the changes in the revised bid document.
143	6.1.8 Price and information	6.1.6 Offered price should be exclusive of all applicable taxes such as GST, etc. for destination (anywhere in Gujarat state).	We understand that Price have to quoted without taxes however in the Price Schedule, Prices required to be quoted are including the taxes. There is no separate column for quoting the Price excluding taxes. Request you to kindly amend the Price Schedule and share the same.	Please see the changes in the revised bid document.
144	5.39 Payments Terms	iv. Successful bidder shall raise Invoice only after the completion of Lot/Cluster-wise milestone for each city/district. Invoice cannot be raised for partial completion of milestone for each district.	Since we are requesting for Prorata Payment, its is our understanding that bidder can raise Item wise monthly invoice for the completed works for each city/district. Kindly confirm.	No change, As per RFP
145	5.42 Service Level and Penalty Clause	Security Breach: - Detection of security Breach - within 30 minutes - Mitigation of Security Breach - within 1 hr. from the time of Breach - Note: The security breach will include but not limited to successful penetration of any Virus, trojan, malwares, zero-day attacks, intrusion, Denial of Service Attacks, etc., up to the server level. In case of any compromise of data due to the Security Breach then double penalty will be levied (this will not be counted within the maximum penalty cap limit). Operational Penalties during the O&M Period: Security Breach 2% Of QP for every 30 Minutes delay in detection and additional 1% for every 1 hour. delay in the mitigation of security breach	Since there is no Cyber Security Scope for the bidder, the security breach penalty shall not be applicable. Hence we request you to kindly remove the same and delete this clause.	Please see the changes in the revised bid document.
146	5.42 Service Level and Penalty Clause	Network back bone Latency Packet Loss Planned Network Outage Unplanned Network Outage Timeline for Retrieval of video feeds from the Storage Accuracy of ANPR/RLVD System Incidence Resolution (Network)	We understand that Network connexctivity ,VMs, ANPR, RLVD Application are part of Client scope. Hence this SLA shall not be applicable for current scope of work of bidder in this RFP.	Please see the changes in the revised bid document.
147	5.44 Project Implementation	5.44.8 Any damage caused to the property of Government of Gujarat while executing the job shall be solely Successful bidder's responsibility. In case any damage to the property is caused, the same will be recovered from the Successful bidder.	We understand that the liability of the bidder in such scenario shall not exceed the value of the charges payable by the TENDERER as mentioned in the clause 5.37 Limitation of Liability. Kindly confirm.	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
148	3.2.2 General Obligation of the System Integrator	b. The Successful Bidder of the Cluster can quote only one make and model against each item to be quoted under this project.	<p>Since as System Integrator, We are responsible to meet the technical specification and SLA levels for the entire technical Solution. In this regard we propose multiple makes which are technically equivalent and would meet RFP requirements.</p> <p>This will help the SI to offer a very competitive price to the customer by taking aggressive risks on their costs, which will totally benefit the customer. If only one make is insisted the vendor does not support the SI in times and therefore the costs go up considerably.</p> <p>Hence we request you to kindly accept the same.</p>	No change, As per RFP
149	2.3 Eligibility Criteria	The MAF is required for Routers, Switches, Storage, Servers etc. being supplied under this project.	We understand the MAF is not required for Server as the supply of server is not in our scope. Kindly confirm.	Please see the changes in the revised bid document.
150	3.2 Scope of Work for the VISWAS Phase-II:	<p>☑ Integration of Existing CCTV Projects:</p> <p>☑ Smart City Projects (Ahmedabad, Gandhinagar, Vadodara, Surat, Rajkot & Dahod)</p> <p>☑ Other Projects of the Government of Gujarat: CSITMS, Morbi Safer City Project etc.</p>	<p>kindly clarify the following details of existing application-</p> <ul style="list-style-type: none"> - Make - Model - Data sharing method for integration <p>It is understood as followings of existing application will be out of bidder scope for integration. Kindly Confirm.</p> <ul style="list-style-type: none"> - Specific Application level License - Operating System for the existing applications - Database for the existing applications - compute/hardware for the existing application - Application performance (SLA) - Upgrade /Updation of application, OS & DB <p>As per RFP we understand that, the below software and the respective licenses will be arranged by the End Customer. Any integration between the applications is not part of this RFP Scope. Only Cameras to be installed and respective feeds will be arranged upto respective DC/ICCC/Viewing Centers. Please Confirm.</p> <ol style="list-style-type: none"> 1. VMS application 2. EMS application 3. ITMS application 4. CCC application <p>Note: Network connectivity is not part of Bidders Scope.</p>	Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
151	Licenses for the storage management software should include disc capacity/count of the complete solution and any additional disks to be plugged in the future, up to max capacity of the existing controller/units.	Licenses for the storage management software should include disc capacity/count of the complete solution and any additional disks to be plugged in the future, up to the max capacity of the existing controller/units.	As mentioned in the clause, to add any additional disk, the max capacity of the existing controllers and units has to provided by the client. Hence, kindly mention the following 1. Make and Model of the existing system 2. Utilization of the existing system	Please see the changes in the revised bid document.
152	4.11 Camera Type C: PTZ	10 Focal Length:- 5 to 150mm or Better	We request you to ammend the clause as:- Focal Length :- 4.3 – 129 mm	(The minimum required optical zoom is 30 X). "Lower end of focal from 4.3 mm to 5 mm will be allowed. The higher end of the focal length from 129 mm to 150 mm will be allowed
153	2.3 Eligibility Criteria	a.) OEMs for networking devices at aggregation layer and data centre layer should be in Leader/challenger quadrants of the latest Gartner's Magic Quadrant for data centre networking. or OEM of quoted Switch should be qualified as Make in India as per public procurement (Preference to Make in India) order 2017 & its revision issued time by time. b.) OEM for other networking equipment's should be in the top Five positions in terms of market share in India as per latest available IDC report or should be present in latest Gartner magic Quadrant . or OEM of quoted Switch should be qualified as Make in India as per public procurement (Preference to Make in India) order 2017 & its revision issued time by time. c.) OEM for storage and servers should be from companies featuring in Gartner magic quadrant in leadership position. or OEM of quoted server should be qualified as Make in India as per public procurement (Preference to Make in India) order 2017 & its revision issued time by time.	As per the mentioned clauses, networking equipments in aggregation layer, datacenter equipments, other networking equipments and storage, server OEM should be in latest Gartner Report or should be Make in India. Kindly remove the eligibility criteria for Wider OEM participation.	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
154	Important points related to scope of VISWAS Phase-II	Video Storage (700 TB & 1.5 PB): Based on the camera count (as per the site survey), It is proposed to increase the Storage at respective NETRAMs. Bidder needs to SITC and O&M of additional 700TB each of video storage at five location (Amreli, Anand, Bhavnagar, Sabarkantha, Vadodara (Rural+ City) & additional 1.5 PB each of video storage at three location (Mehsana, Surat (Rural + City), Rajkot (Rural+ City))	As per the mentioned clause, 700TB and 1.5PB Video Storage is asked in Amreli, Anand, Bhavnagar, Sabarkantha, Vadodara (Rural+ City) and Mehsana, Surat (Rural + City), Rajkot (Rural+ City). Kindly clarify the rack space and power requirement available to provision the storages in the said locations.	No change, As per RFP
155	3.2 Scope of Work for the VISWAS Phase-II:	<ul style="list-style-type: none"> Total 8800+ CCTV Cameras installation & commissioning and O&M for 5 years Total Camera count-8714	As per the clause 3.2 the total camera quantity for VISWAS II project is 8800+ but total Camera count mentioned in Annexure F is 8714, Kindly confirm the exact number of cameras will be part of VISWAS II.	Bidder has to consider the Qty for the cameras and any other items as per price bid. Please see the changes in the revised bid document.
156	Cities covered in VISWAS Phase-II	Cities covered in VISWAS Phase-II- 52 New Nagarpalika- 51	We Request you to kindly confirm the exact number of cities/ town part of VISWAS II project	No change, As per RFP
157	Annexure-F: Proposed camera count of VISWAS Phase-II:	Total Camera count-8714	As per RFP we understand that 8714 Nos of VMS cameras are needed to be integrated with Existing VMS system hence 8714 VMS licenses will be required for VISWAS Phase II project, Kindly confirm the additional license requirement for VMS	No change, As per RFP
158	Annexure-F: Proposed camera count of VISWAS Phase-II:	No. of ANPR Cameras:- 2368	As per RFP we understand that 8714 Nos of ANPR cameras are needed to be integrated with Existing Speed detection and ANPR system hence 2368 speed detection and ANPR licenses will be required for VISWAS Phase II project, Kindly confirm the additional license requirement for VMS	No change, As per RFP
159	4.9 Camera Type A (Box Cameras for ANPR & Speed Detection)	1. Image sensor and Effective Pixels (Resolution):- 1/2.8" or better, CMOS Progressive Scan & Minimum 2 MP (for ANPR & Speed Detection) and 8 MP (for RLVD) or better Total RLVD Cameras :- 0	Kindly confirm whether the RLVD system is part of scope for VISWAS Phase II project as the camera quantity for RLVD is not defined	Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
160	3.2.3 City Surveillance System & 3.2.4 Integrated Traffic Management System	The ITMS shall use the latest available video analytics techniques to regulate the traffic and identify violations at different traffic junctions at each city level. The Successful Bidder of the Cluster is responsible for supply, installation, commissioning and O&M of cameras and integration with existing required applications such as ANPR, Speed detection etc. The Successful Bidder of the Cluster needs to coordinate and support for the integration of cameras covered in VISWAS Phase-II cluster with the existing Agency (Software/Application Provider). The Cameras for ITMS need to perform various analytics like Speed Detection, ANPR etc.	As per RFP scope of work we understand that , video analytics requirement is not mentioned part of current RFP , request you to add some specific city surveillance related Video analytics requirement for the proposed new cameras. Some relevant Video analytics usecases are mentioned below, Basic analytics <ul style="list-style-type: none"> • Change in scene(frame) in case of theft etc. • Crowd gathering • Loitering/ person moving in restricted area • Unidentified & suspicious object • Stop vehicle • Fire Detection Advanced analytics <ul style="list-style-type: none"> • Men in women only area • Lying down, standing, Leaning • Weapon Detection • Chain snatching • Assault • Congestion Detection • Face detection 	No change, As per RFP
161	3.2.8 Best Practices to be implemented by the successful bidder:	c. Identity and Access Management: including user identification, authentication, authorization, Access Control, Administration, Audit, SSL & Digital Signatures for systems and support for industry standard protocols for systems developed under the scope of work. The solution should support advanced user authentication mechanisms including Network access control and necessary access policies.	Please clarify whether the customer has an existing Identity & access management ? or Bidder need to provide the IDAM solution as a part of RFP requirement. if it is a requirement then, please add the IDAM requirement in BOQ and provide technical specification. Please confirm no. of users and concurrent users count for IDAM solution	Please see the changes in the revised bid document.
162	3.2.8 Best Practices to be implemented by the successful bidder:	(iv) Secure and Trusted Connection: Network communication through VPN tunnel or HTTPS by default, use of latest version of Transport Layer Security (TLS) with valid certificates that meets industry best practices	We assume that existing implemented firewall which have VPN functionality. To confirm we need to know the existing security solutions list, make & model details to check the features.	Please see the changes in the revised bid document.
163	3.2.2 General Obligation of the System Integrator	The Successful Bidder shall be responsible to Integrate equipments procured under this RFP with existing state (TRINETRA) and city level (NETRAM) command and control centre as per the scope of work including necessary software and Hardware.	Please provide the existing security solutions list, make & model details to understand more cyber scope	Please see the changes in the revised bid document.
164	Service Level and Penalty Clause	The security breach will include but not limited to successful penetration of any Virus, trojan, malwares, zero-day attacks, intrusion, Denial of Service Attacks, etc., up to the server level. In case of any compromise of data due to the Security Breach then double penalty will be levied (this will not be counted within the maximum penalty cap limit).	Can we get clarity of the existing cyber security components ? Since there is no cyber security solutions has been asked in BOQ. Please elaborate more about the Cyber solution requirement to achieve this clause.	Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
165	3.2.3 City Surveillance System	The Successful Bidder is responsible for setting up and O&M of all components supplied as a part of solutions. Technical specification as mentioned in Section-4 of this document is minimum, however the bidder has to ensure the below mentioned outcomes from the surveillance perspectives	As per RFP we understand that Identification of No. Plate and Identification of Face applications are part of Client scope. Hence Kindly remove this point from the RFP.	No change, As per RFP
166	2.3 Eligibility Criteria	9. c.) OEM for storage and servers should be from companies featuring in Gartner magic quadrant in leadership position. or OEM of quoted server should be qualified as Make in India as per public procurement (Preference to Make in India) order 2017 & its revision issued time by time. As per GR, quoted server should have 40% domestic value addition in terms of Bill of Material to qualify as domestically manufactured. AND The Manufacturer of the Server should have installation base of 1500 nos. of Server in India.	9. c.) OEM for storage and servers should be from companies featuring in Gartner magic quadrant in leadership position UL, CE, FCC & BIS certifications for Safety & EMC or OEM of quoted server should be qualified as Make in India as per public procurement (Preference to Make in India) order 2017 & its revision issued time by time. As per GR, quoted server should have 40% domestic value addition in terms of Bill of Material to qualify as domestically manufactured. AND The Manufacturer of the Server should have installation base of 1500 nos. of Server in India. Request you to ask certifications in Server & Storage to get the best quality products. Also please remove the 3rd party non-government agencies ratings as some times they are into favour of some OEMs during the rating survey. Also please remove the installation base clause so that global OEM can participate.	No change, As per RFP
167	3.2 Scope of Work for the VISWAS Phase-II Important points related to scope of VISWAS Phase-II	4. Integrated Traffic Management System (ITMS): The successful BIDDER needs to integrate with existing ITMS solution including software & Hardware for (ANPR, RLVD & SVD) for a smooth user experience.	1. We understand multiple sensors like ITMS/ATCC/WMS/GIS/e-Governance etc. integrated with ICCCC/C4I including all sensors for alert & events , Sensor/Solution has been asked in this RFP will be integrate with ICCCC for smooth user experience/Interface. Please confirm is our understanding is correct. 2. Facilitation of required SDK/APIs of existng system will be in scope of client.	Successful bidders have to co-ordinate with the existing agency for integration of the proposed camera with the existing VMS, ITMS
168	3.2 Scope of Work for the VISWAS Phase-II 3.2.1 Supply Installation testing & Commissioning and Integration	ii. Integration with existing systems of VISWAS Phase-1 and other legacy projects: Bidder is responsible for integration of their CCTV feeds into the existing VMS solution of VISWAS Phase-1 at respective NETRAM such that there shall be a single Unified system for the entire state. Bidder is also responsible for the integration of cameras with existing Software/Applications like Speed Detection, Automatic Number Plate Recognition (ANPR), Red Light Violation Detection (RLVD), Enterprise Management System (EMS) etc.The details of the existing system are provided as per Annexure-B and Annexure-G.	1. We understand multiple sensors like existing VMS, Speed Vehicle Detection(SVD), Automatic Number Plate Recognition (ANPR), Red Light Violation Detection (RLVD), Enterprise Management System (EMS) etc. integrated with ICCCC/C4I including all sensors for alert & events, Sensor/Solution has been asked in this RFP will be integrate with ICCCC for smooth user experience/Interface. Please confirm is our understanding is correct. 2. Facilitation of required SDK/APIs of existng system will be in scope of client.	Successful bidders have to co-ordinate with the existing agency for integration of the proposed camera with the existing VMS, ITMS

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
169	3.2 Scope of Work for the VISWAS Phase-II 3.2.4.1 Existing Speed Detection System of VISWAS Phase-I:	Request to add updated and latest SVD Specification as per industry standard	<p>Since the system will be use for Speed detection system and E-challan Generation in law and order situation and these components are also playing very Critical role in the RFP.Technical Specs of SVD should be incorporate. Hence, we request you to kindly incorporate updated SVD Specification as per industry standard.</p> <p>Below are the few suggestions from our end related to technical specifications of SVD specification</p> <p>1- The system shall be designed to work for 24x7 unattended operations</p> <p>2- The system should be capable of detecting violations of over-speeding by using video detection processing (locally at LPU) only and without the need for any physical sensors like induction loops, pressure sensors, IR sensors, radars, lasers, etc.</p> <p>3- ANPR camera used to do ANPR along with Vehicle Speed detection, should also be able to do- No Helmet Detection and Triple Riding Detection for two wheelers. Both the analytics software should be loaded on the local LPU.</p> <p>4- Speed detection accuracy of the system should be Certified and tested for speed accuracy from government agency/s under Central Motor Vehicle Rule (CMVR) 126 and accuracy should more than 220 km/h \pm 2%</p> <p>5- Proposed SVD (Speed Violation Detection) system should have existing deployment in min 5 projects in India.</p> <p>6- The system should be able to capture the number plate in night with the help of an external IR illuminator with Eye Safety test report/ certification from international LAB against the head light glare of the approaching vehicle and provide good performance</p> <p>7- It should be possible to upgrade analytics like "Wrong direction Movement", "Average Speed Detection" in the same set of installation.</p> <p>8- Proposed Traffic Enforcement Solution should have Certification of Security Assessment from any CERT-IN empanelled agencies. Same should be submitted along with the bid.</p>	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
170	3.2 Scope of Work for the VISWAS Phase-II 3.2.4.2 Existing Automatic Number Plate Recognition (ANPR) System of VISWAS Phase-I:	Request to add updated and latest ANPR Specification as per industry standard	<p>We understand as a part of the project scope, existing ANPR scope specifications are not updated as per latest industry standard. Any Violators can challenge e-challan in court for un-certified svd solution. We request you to incorporate the min. specifications of ANPR system.</p> <p>Below are the few suggestions from our end related to technical specifications of ANPR specification</p> <p>1- The System should automatically detect a vehicle in the camera view using video detection and activate license plate recognition.</p> <p>2- The system shall perform OCR (optical character recognition) of the license plate characters (English alpha-numeric characters in standard fonts).</p> <p>3- The system should be able to process and read number plates of vehicles with more than 220 km/hr and above.</p> <p>4- The system should do processing locally on the LPU installed at the ANPR camera location/ junction, to avoid any time lag and performance issue due to network disconnection, bandwidth constraints, etc.</p> <p>5- The system shall detect the color of all vehicles in the camera view during daytime and label them as per the predefined list of configured system colors. The system will store the color information of each vehicle along with the license plate for each transaction in the database.</p> <p>6- System should be able to identify the make of the vehicle coming in the field of view of the camera with good accuracy.</p> <p>7- System should be able to classify the vehicle into LMV, HMTV and 2-wheelers</p> <p>8- The proposed system should have the capability to transfer the data to Central Command Center through proper encryption in real time. Proposed application for traffic violation detection system should adhere to National Cyber Security Policy to ensure that the critical information processed and stored by the proposed application</p>	No change, As per RFP
171	3.2 Scope of Work for the VISWAS Phase-II 3.2.7 IT & Non-IT Infrastructure for State Wide Surveillance	<p>e. The Successful Bidder should propose a comprehensive solution for the IT infrastructure. However, below are indicative/minimum (but not limited to) list of components bidder is required provide as a part of entire solution:</p> <p>(i) Network equipment (like Routers, Switches)</p> <p>(ii) Erection of mast/poles/Gantry</p> <p>(iii) Video surveillance systems (Integration with Existing VMS)</p> <p>iv)- ITMS (Integration with Existing ANPR, Speed Detection etc. Applications)</p>	<p>1. We understand multiple sensors like ITMS/ATCC/WMS/GIS/e-Governance/VMS etc. integrated with ICC/C4I including all sensors for alert & events , Sensor/Solution has been asked in this RFP will be integrate with ICC for smooth user experience/Interface.</p> <p>Please confirm is our understanding is correct.</p> <p>2. Facilitation of required SDK/APIs of existing system will be in scope of client.</p>	Successful bidders have to co-ordinate with the existing agency for integration of the proposed camera with the existing VMS, ITMS
172	4.9 - Camera Type A (Box Cameras for ANPR & Speed Detection)	4.9 Camera Type A (Box Cameras for ANPR & Speed Detection)	<p>4.9 Camera Type A (Box Cameras / Bullet Camera for ANPR & Speed Detection)</p> <p>Requesting you to accept bullet camera as option along with box camera as they are commercially better & technically fulfilling all the requirements as listed.</p>	No change, As per RFP
173	4.9 - Camera Type A (Box Cameras for ANPR & Speed Detection)	8 MP (for RLVD)	Requesting you to confirm whether bullet camera or box camera we have to consider for RLVD as there is nothing mention about type of camera for RLVD. In most of the cases, RLVD camera is Bullet type only.	Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
174	4.9 - Camera Type A (Box Cameras for ANPR & Speed Detection)	25. Certifications: CE/EN/Equivalent Indian Standards, FCC/Equivalent Indian Standards, ETL/UL/Equivalent Indian Standards, IEC/BIS/Equivalent Indian Standards certified at the time of bidding	25. Certifications: CE/EN/Equivalent Indian Standards, FCC/Equivalent Indian Standards, ETL/UL 62368-1 /Equivalent Indian Standards, IEC/BIS/Equivalent Indian Standards certified at the time of bidding Request you to remove ETL as ETL is for Passive items not for Active. Also please add UL latest standard 62368-1 as the old standard 60950-1 is already withdrawn by IEC in Dec 2020.	Please see the changes in the revised bid document.
175	4.10 - Camera Type B (Box Camera for Surveillance)	4.10 - Camera Type B (Box Camera for Surveillance)	4.10 - Camera Type B (Box Camera / Bullet Camera for Surveillance) Requesting you to accept bullet camera as option along with box camera as they are commercially better & technically fulfilling all the requirements as listed.	No change, As per RFP
176	4.10 - Camera Type B (Box Camera for Surveillance)	26. Certifications: CE/EN/Equivalent Indian Standards, FCC/Equivalent Indian Standards, ETL/UL/Equivalent Indian Standards, IEC/BIS/Equivalent Indian Standards certified at the time of bidding	25. Certifications: CE/EN/Equivalent Indian Standards, FCC/Equivalent Indian Standards, ETL/UL 62368-1 /Equivalent Indian Standards, IEC/BIS/Equivalent Indian Standards certified at the time of bidding Request you to remove ETL as ETL is for Passive items not for Active. Also please add UL latest standard 62368-1 as the old standard 60950-1 is already withdrawn by IEC in Dec 2020.	Please see the changes in the revised bid document.
177	4.11 - Camera Type C: PTZ	14. Preset Speed : Pan: 240° /s; Tilt: 200° /s	14. Preset Speed : Pan: 240° /s; Tilt: 160° /s Requesting you to accept the suggested change as per the industry standard for wider participation.	Please see the changes in the revised bid document.
178	4.11 - Camera Type C: PTZ	31. Certifications: CE/EN/Equivalent Indian Standards, FCC/Equivalent Indian Standards, ETL/UL/Equivalent Indian Standards, IEC/BIS/Equivalent Indian Standards certified at the time of bidding	25. Certifications: CE/EN/Equivalent Indian Standards, FCC/Equivalent Indian Standards, ETL/UL 62368-1 /Equivalent Indian Standards, IEC/BIS/Equivalent Indian Standards certified at the time of bidding Request you to remove ETL as ETL is for Passive items not for Active. Also please add UL latest standard 62368-1 as the old standard 60950-1 is already withdrawn by IEC in Dec 2020.	Please see the changes in the revised bid document.
179		Request to add Specifications of industrial grade Local Processing Unit	In a ITMS project LPU plays a very crucial role and as per RFP there is no specification of LPU is mentioned. Therefore we request you to kindly incorporate below mentioned specification of LPU 1- Local Processing Unit shall be of Aluminum Alloy Casing 2- Local Processing Unit shall be of min. 7th Generation with core i7 CPU 3- Memory- DDR4 2133MHz SODIMM, up to 32 GB 4- Temperature- -40°C ~ 85°C 5- Certifications- CE, FCC, BIS & MIL 810 G 6- It shall withstand vibrations as per 5 grms / 5 ~ 500Hz /in work status (SSD) 1 grms / 5 ~ 500Hz / in work status (HDD)	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
180		Request for addition OEM criteria for ITMS (ANPR, and SVD) is not mentioned in the RFP.	<p>Since the system will be used for Intelligent Traffic Management System and in law & order situation and these Smart Traffic Management components are also playing very critical role in the RFP. OEM experience with considerable lanes in the project should be incorporated. Hence, we request you to add the OEM criteria for ANPR, SVD in the RFP.</p> <p>Some OEM criteria are mentioned below for your kind perusal.</p> <p>a. OEM of proposed ANPR/ ITMS Solution should be in ANPR/ ITMS business, having its own Development, Manufacturing & Service facility in India since past 10 years, with valid Manufacturing License along with PO copies on the name of OEM brand.</p> <p>b. Intelligent Traffic Management System OEM should have completed minimum three projects each of 200 ANPR lanes/Licenses with SVD in city-wide implementation in Smart City/ ITMS projects.</p> <p>c. Proposed SVD (Speed Violation Detection) system should have existing deployment in min 5 projects in India. Proposed SVD system should have an speed measurement accuracy of more than 220 km/hr +/- 2%, tested & certified for speed accuracy from Indian government agency/s under Central Motor Vehicle Rule (CMVR) 126 like ARAI, ICAT, VRDE, GARC, etc.</p> <p>d. Intelligent Traffic Management System application including ANPR, SVD etc. & LPU shall be from same OEM for seamless integration & better compatibility of the product to avoid any hassles while depolying the setup.</p>	No change, As per RFP
181	OEM Eligibility Criteria (NEW)	OEM Eligibility Criteria (NEW)	<p>In RFP there is no Qualification OR Experience asked for Low side Infrastructure like Pole , Gantry and Junction Box.</p> <p>We request to please add some Quality Parameters like ISO 9001, ISO 14001/ Other certification like RoHS, CE Certificate and some Previous experience of OEM for Low side items for similar application.</p>	No change, As per RFP
182	1. Storage	Solution should be Unified Storage supporting block and File (FC,iSCSI, CIFS, NFS, SMB protocols)	<p>Please change as "Solution should be Unified Storage supporting block or File (FC/iSCSI/CIFS/NFS/SMB protocols) "</p> <p>This will allow vendors to propose the protocols based on solution.</p>	Please see the changes in the revised bid document.
183	1. Storage	Storage Capacity:5 TB Useable (in RAID 5 Configuration) for each City Control Centre and 10 TB (in RAID 5 Configuration) for State Centre	How many City Control Centre and State Centers are there in total?	Please see the changes in the revised bid document.
184	1. Storage	Disks should be minimum of 3.2 TB SAS Drive	<p>Please allow 3.84TB SAS Drives.</p> <p>We believe this is SSD disk. Please confirm.</p>	Please see the changes in the revised bid document.
185	1. Storage	Storage solution should comprise of Active-Active Load Balancing Storage Controllers with 64GB Cache from day one and the storage solution should be scalable up to 128GB Cache.	Please change as "Storage solution should comprise of Active-Active Load Balancing Storage Controllers with 512GB Cache from day one. As the asked capacity is higher, Higher cache will improve the performance.	No change, As per RFP
186	1. Storage	The controllers / Storage nodes should be upgradable to 2 controller minimum without any disruptions / downtime	Please change as "The controllers / Storage nodes should be upgradable to 4 controller minimum without any disruptions / downtime"	Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
187	1. Storage	Controllers shall be active-active so that a single logical unit can be shared across all offered controllers, while supporting all the major functionalities like Thin Provisioning, Data tiering.	Please change as "Controllers shall be Symmetric active-active so that a single logical unit can be shared across all offered controllers, while supporting all the major functionalities like Thin Provisioning, Data tiering . Symmetric Active-Active controllers will provide better performance . Since 3.2TB SSD is asked Tiering is not required.	Please see the changes in the revised bid document.
188	1. Storage	Disks should be maximum of 12 TB	Please change as "Disks should be maximum of 14 TB"	No change, As per RFP
189	1. Storage	Storage solution should comprise of Active-Active Load Balancing Storage Controllers with 64GB cache from day one and the storage solution should be scalable up to 128GB.	Please change as "Storage solution should comprise of Active-Active Load Balancing Storage Controllers with 512GB Cache from day one. As the asked capacity is higher, Higher cache will improve the performance.	No change, As per RFP
190	1. Storage	The solution should allow to transfer and store the data, on need basis, to any other storage irrespective of Make/Model across LAN/WAN within the state.	Please remove this as this is propriety specs. Or Change the specs as "The solution should allow to transfer and store the data, on need basis, to any other storage irrespective of Make/Model across LAN/WAN within the state with host based solutions like file tranfer"	No change, As per RFP
191	8	Should support minimum 10K multicast groups	Request you to change this cluse to "Should support minimum 8K multicast groups" Such a higher Multicast group is not required. There will not be more than 8K multicast group will be there in the setup.	Please see the changes in the revised bid document.
192	18	Switch should support IPv6 Binding Integrity Guard, IPv6 Source Guard, IPv6 RA Guard, IPv6 DHCP Guard	Please change to " Switch should support IPv6 Binding Integrity Guard or dynamic IPv6 lockdown or ARP Inspection or equivalent, IPv6 RA Guard / ARP protection /dynamic IP lockdown, IPv6 DHCP Guard/DHCP snooping, Operational Security Considerations for IPv6 Networks rfc is in draft stage(draft-ietf-opsec-v6-16) Different OEM is having different feature to achieve this.	Please see the changes in the revised bid document.
193	21	Switch should support minimum 60 STP Instances.	Request you to change this cluse to "Switch should support minimum 60 STP/MSTP Instances" MSTP is more advance protocol than STP and now a days MSTP is widely used protocol. STP only supports a single instance. RSTP supports fast convergence and a single instance. MSTP includes the advantages of RSTP, and supports multiple instances MSTP configures a separate spanning tree for each VLAN group and blocks all but one possible alternate path within each spanning tree. MSTP allows formation of Multiple Spanning Tree (MST) regions that can run multiple MST instances (MSTI).	Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
194	1	Minimum 8 No's of 10/100/1000 Base-Tx PoE ports (Duplex, Full, Half) and 2 x 1G SFP Uplink port.	<p>Please change this clause to</p> <p>"Minimum 8 No's of 100/1000 Base-Tx PoE ports (Duplex, Full, Half) and 2 x 1G SFP Uplink port."</p> <p>none of the device which is connected to outdoor switch is having 10Mbps port. All the edge devices will have either 100Mbps or 1Gbps port.</p>	Please see the changes in the revised bid document.
195	11	Port-based and 802.1Q tag-based VLANs, Guest VLAN, Private VLAN	<p>Please remove Private VLAN</p> <p>Private VLAN required in core or aggregation switch not on L2 outdoor switch.</p>	No change, As per RFP
196	14	Operating Temperature: 0°C to 70°C	<p>Please change this clause to</p> <p>"Operating Temperature: 0°C to 60°C"</p> <p>Temperature will never go beyond 55 degree in Gujarat region.</p>	No change, As per RFP
197	16	Should support required stacking	<p>Please remove this clause.</p> <p>Outdoor switch required ring protocol not stacking protocol.</p>	Please see the changes in the revised bid document.
198	18	Switch should support IPv6 Binding Integrity Guard, IPv6 Source Guard, IPv6 RA Guard, IPv6 DHCP Guard	<p>Please change to</p> <p>" Switch should support IPv6 Binding Integrity Guard or dynamic IPv6 lockdown or ARP Inspection or equivalent, IPv6 RA Guard / ARP protection /dynamic IP lockdown, IPv6 DHCP Guard/DHCP snooping,</p> <p>Operational Security Considerations for IPv6 Networks rfc is in draft stage(draft-ietf-opsec-v6-16)</p> <p>Different OEM is having different feature to achieve this.</p>	Please see the changes in the revised bid document.
199	19	Switch must support VRRP, PBR features from Day1	<p>Please remove this clause.</p> <p>Layer 3 functionality is not required in Outdoor L2 Switch. These are all L3 functionality</p>	Please see the changes in the revised bid document.
200	21	Switch should support minimum 60 STP Instances	<p>Request you to change this cluse to</p> <p>"Switch should support minimum 16 STP/MSTP Instances"</p> <p>Such a higher STP instance is not required in the edge switch.</p> <p>STP only supports a single instance. RSTP supports fast convergence and a single instance. MSTP includes the advantages of RSTP, and supports multiple instances</p> <p>MSTP configures a separate spanning tree for each VLAN group and blocks all but one possible alternate path within each spanning tree. MSTP allows formation of Multiple Spanning Tree (MST) regions that can run multiple MST instances (MSTI).</p>	Please see the changes in the revised bid document.
201		Technology - IGBT-PWM with inbuilt isolation transformer	<p>Request to allow External isolation transformer as lot of Leading UPS makes does not provide inbuilt isolation transformers factory fitted for 1kva UPS</p>	Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
202		Efficiency (overall) ≥90%	with isolation transformer it is not possible to achieve so request to allow ≥88%	No change, As per RFP
203		Efficiency (Inverter) ≥90%	with isolation transformer it is not possible to achieve so request to allow ≥83%	No change, As per RFP
204	2.3 Eligibility Criteria	6. Note: In case Bidder is a wholly owned subsidiary, the experience of Parent company would be considered for eligibility Undertaking from the Parent company to support its wholly owned subsidiary.	Request you to modify the clause to increase bid participation.: In case Bidder is a wholly owned subsidiary, the Bidder is permitted to use the credentials of its ultimate parent, parent or its associate company/s of Indian origin for pre- qualification, technical qualification and any other qualification criteria purpose. In such case, the following additional documents are required to be submitted: For meeting the technical / financial / any other qualification criteria of this Tender document, the bidder should submit a letter of consent duly signed and stamped by the authorized signatory of concerned entity whose credentials it's submitting.	Please see the changes in the revised bid document.
205	3.3 Implementation Timelines for the Bidder	Target for Cluster -1 to 3 (for each cluster): 2. Delivery of the ordered items as per the work order at central location (bidder's warehouse at Gandhinagar/Ahmedabad) T+ 120 days	Kindly revise it to 1+180 days as there is global shortage of semi-conductors due to which supply of switches is affected .	Please see the changes in the revised bid document.
206	3.3 Implementation Timelines for the Bidder	Payment for Cluster -1 to 3 (for each cluster) 2. Delivery of the ordered items as per the work order at central location (bidder's warehouse at Gandhinagar /Ahmedabad) 50% of Total Component value of Delivered Part (as per Schedule-I of Price BID)	Kindly revise it to 2. Delivery of the ordered items as per the work order at central location (bidder's warehouse at Gandhinagar /Ahmedabad) 70% of Total Component value of Delivered Part (as per Schedule-I of Price BID)	Please see the changes in the revised bid document.
207	3.3 Implementation Timelines for the Bidder	Penalty for Cluster -1 to 3 (for each cluster) 2. A penalty of 1% of Total Component value of Delayed/Non Delivered Part (as per Schedule-I of Price BID) for every Week or part thereof. Delay beyond T + 135 Days TENDERER may terminate the contract and forfeit the PBG	Penalty for Cluster -1 to 3 (for each cluster) A penalty of 1% of Total Component value of Delayed/Non Delivered Part (as per Schedule-I of Price BID) for every Week or part thereof. Delay beyond T + 195 Days TENDERER may terminate the contract and forfeit the PBG	Please see the changes in the revised bid document.
208	3.3 Implementation Timelines for the Bidder	3. The successful bidder will complete the Installation & Commissioning of CCTV camera and related accessories as per scope of work of the Cluster The overall Installation and Commissioning of hardware, Integration and offering for acceptance shall be completed. Target: T+ 240 days Payment: 35% of Total Component value (as per Schedule-I of Price BID) on Completion of FAT Penalty: Delay beyond T+255 Days TENDERER may terminate the contract and forfeit the PBG	The successful bidder will complete the Installation & Commissioning of CCTV camera and related accessories as per scope of work of the Cluster The overall Installation and Commissioning of hardware, Integration and offering for acceptance shall be completed. Target: T+ 320 days Payment: 25% of Total Component value (as per Schedule-I of Price BID) on pro-rata basis on Completion of FAT Penalty: Delay beyond T+335 Days TENDERER may terminate the contract and forfeit the PBG	Please see the changes in the revised bid document.
209	3.3 Implementation Timelines for the Bidder	4. Successful Completion of 3 months from the date of Issuance of successful FAT Certificate of All the equipment covered in the Scope of the Work of Cluster 15% of Total Component value (as per Schedule-I of Price BID).	4. Successful Completion of 3 months from the date of Issuance of successful FAT Certificate of All the equipment covered in the Scope of the Work of Cluster 5% of Total Component value (as per Schedule-I of Price BID).	Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
210	4.6 Poles including mounting/installation	4. Pole Diameter (Outer side) ☐ Bottom section: 97.9mm ☐ Middle Section: 76.2mm ☐ Top Section: 65.2mm	Kindly keep this generalized to withstand weight of equipment. Also thickness plays major role in quality	No change, As per RFP
211	4.6 Poles including mounting/installation	5. Bottom Base Plate 300mm x 300mm x 6mm	Fundation bolts of min. M16 should be consider to support the pole to foundation	No change, As per RFP
212	4.12 CCTV Sign boards	7. As per following signage diagrams: The Text on the board should be in Gujarati Language only	As per following signage diagrams: The Text on the board should be in Gujarati/English Language only	No change, As per RFP
213	GEM Bid document	Reverse Auction enabled	Request to remove the reverse auction and select the bidder on low cost based evaluation. In reverse auction, many good bidders and quality OEMs may get back out. In the race of L1 bidder, quality will get compromised.	Please see the changes in the revised bid document.
214	5.33 Performance Bank Guarantee	The performance guarantee will be in the form of bank guarantee for the amount equal of 10% of the value of the Order	Request to reduce the PBG up to 5% . As per govt guideline no. F.9/4/2020-PPD Dated 30.12.2021 , PBG should not be exceed from 3%. Holding such a huge amount of bidder will add recurring interest in total project cost untimately cost of the project is getting increased.	No change, As per RFP
215	5.42 Service Level and Penalty Clause	Operational Penalties during the O&M Period 1. Not keeping required Manpower As per SLA ☐ Staffs deployed at TRINETRA & NETRAM levels: 5000/- per day per person for un-sanctioned/ non-reporting	Operational Penalties during the O&M Period 1. Not keeping required Manpower As per SLA ☐ Staffs deployed at TRINETRA & NETRAM levels: 2000 /- per day per person for un-sanctioned/ non-reporting	No change, As per RFP
216		· Disks should be maximum of 12 TB	· Disks should be maximum of 12 TB	Please see the changes in the revised bid document.
217		· Storage solution should comprise of Active-Active Load Balancing Storage Controllers with 64GB cache from day one and the storage solution should be scalable up to 128GB.	· Storage solution should comprise of dual Active-Active Load Balancing Storage Controllers with 64GB cache from day one and the storage solution should be scalable up to 128GB. Storage solution offer extended cache based on SSD with the facility to allow changing of cache block size non-disruptively for defined RAID group levels to meet various kind of workload. Dual controller offer Higher Availability and Uptime. Please update this clause	No change, As per RFP
218		Additional Points: Storage solution must offer data assurance as per T10-PI standard and end to end data protection.	T10-PI is a open standard which offer End-to-End data protection which ensure data integrity from host to storage. This ensure that corrupt or invalid data is not written to the storage system.	Please see the changes in the revised bid document.
219		· Solution should be IP Based/iSCSI/FC/FCOE/NFS/CIFS	· Solution should be IP Based and should offer protocols like iSCSI,FC, FCOE,NFS,CIFS natively and S3 either natively or with additional appliance in redundancy Please include S3 protocol either natively or through third party as many applications today demands S3 protocol access on storage. Hence the storage should be future ready.	Please see the changes in the revised bid document.
220		· Solution should be Unified Storage supporting block and File (FC,iSCSI, CIFS, NFS, SMB protocols) natively	· Solution should be Unified Storage supporting block and File & object (FC,iSCSI, CIFS, NFS, SMB, S3 protocols)	Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
221		· Disks should be minimum of 3.2 TB SAS Drive	· Disks should be minimum of 3.2 1.8TB SAS Drive Please allow minimum 1.8 TB SAS drives. Storage industry does not offer 3.2 TB SAS drives.	Please see the changes in the revised bid document.
222		· Storage solution should comprise of Active-Active Load Balancing Storage Controllers with 64GB Cache from day one and the storage solution should be scalable up to 128GB Cache.	· Storage solution should comprise of dual Active-Active Load Balancing Storage Controllers with 64GB DRAM Cache across controllers from day one and the storage solution should be scalable up to 128GB DRAM Cache in scale up or scale out architecture, additional 2 TB NVME/flash cache across controllers should be offered for performance boost. If any bidder does not support flash cache then they should offer minimum 1024 GB DRAM cache across dual controllers Please mention dual active active controllers to avoid single point of failure and additional 2 TB SSD cache for performance enhancement.	Please see the changes in the revised bid document.
223		· The controllers / Storage nodes should be upgradable to 2controller minimum without any disruptions / downtime	· The controllers / Storage nodes should be upgradable to more than 2 controllers minimum without and disruption/downtime. 4 x 10G Ethernet and 4 x 32/16G FC ports should be offered for frontend host connectovity with 4 x 12GBps ports for disk enclosure connectivity. Please specify ports for front end and backend connectivity so that solution can be designed accordingly	No change, As per RFP
224		· Controllers shall be active-active so that a single logical unit can be shared across all offered controllers, while supporting all the major functionalities like Thin Provisioning, Data tiering.	· Controllers shall be active-active so that a single logical unit can be shared storage & single file system/volume can be offered-across all offered supported four controllers, while supporting all the major functionalities like Thin Provisioning, Data tiering. Please specify logical unit as storage and file system for better clarification.	No change, As per RFP
225	Additional OEM Elibility Criteria	Additional OEM Elibility Criteria	There is no Qualification OR Experience asked for Low side Infrastructure like Pole , Gantry and Junction Box in the tender document. We request to please add some Quality Parameters like and Other certification certificate alongwith some similar experience of OEM for Low side items for similar application.	No change as per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification						
226	7	<p>Bid security (EMD)</p> <table><tr><td>Single Cluster Bid</td><td>Rs. 1,50,00,000/-</td></tr><tr><td>Two Cluster Bid</td><td>Rs. 3,00,00,000/-</td></tr><tr><td>Three Cluster Bid</td><td>Rs. 4,50,00,000/-</td></tr></table> <p>EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.</p> <p>Pre-Qualification evaluation: Bidders who have submitted the valid EMD and non-refundable bid processing fee shall be considered for further evaluation. If bidders fail to submit the bid security and nonrefundable bid processing fee as per this RFP document, the Bid shall be out rightly rejected.</p>	Single Cluster Bid	Rs. 1,50,00,000/-	Two Cluster Bid	Rs. 3,00,00,000/-	Three Cluster Bid	Rs. 4,50,00,000/-	<p>We would like to draw your attention to the Clause 4(xii)(m)/page 14-15 of ‘GTC on GeM 4.0 (Version 1.5) dtd 09th October 2022’ which contradicts with these Bid security related clauses.</p> <p>Clause 4(xii)(m)/page 14-15 of ‘GTC on GeM 4.0 (Version 1.5) dtd 09th October 2022 states that-</p> <p>Sellers/ Service Provider having annual turnover of INR 500 Crore or more are exempted to submit the EMD. It also states that - No EMD to be taken from exempt category of sellers even by way of specific clauses mentioned in ATC / STC by the Buyers.</p> <p>Referring to this condition of GTC, we understand that the bidder having annual turnover of more than INR 500 Crore need not to submit any EMD against this tender.</p> <p>Please confirm.</p>	EMD exemption will be applicable as per GeM GTC
Single Cluster Bid	Rs. 1,50,00,000/-									
Two Cluster Bid	Rs. 3,00,00,000/-									
Three Cluster Bid	Rs. 4,50,00,000/-									
227	2.3 (2)	Bidder should be an established IT /Telecom/Security Surveillance Solutions System Integrator and should have been engaged in setting-up and Operations & Maintenance Services of Network (Active or Passive) and Data Centres for a period of at least five years as on bid issuance date.	<p>As this clause cocontradicts with PQ clause 2.3 (6), request you to amend it as follows -</p> <p>Bidder should be an established IT / Telecom/ Security Surveillance Solutions System Integrator and should have been engaged in setting-up and Operations & Maintenance Services of Network (Active or Passive) and or Data Centres for a period of at least five three years as on bid submission date.</p>	No change, As per RFP						
228	2.3	General Query	Sub-Clause 2.3(5) and 2.3(7) are missing from the sequence.We guess it is typo error. Please confirm.	Please see the changes in the revised bid document.						
229	2.2	Figure 1: Indicative Network Architecture for VISWAS Project	<p>We assume that Purchaser will provide Service Provider Network connectivity at each location to connect edge device / end junction with existing NETRAM & TRINETRA.</p> <p>Kindly clarify</p>	Up to the Junction box the connectivity will be provided by the purchaser/ TENDERER and not in the scope of this RFP. the connectivity from the Junction box to the camera will be in the scope of the bidder						
230	3.2	Integration of Existing CCTV Projects:	<p>Integration is asked for new Camera with existing Video Management System (VMS) - Kindly provide existing VMS system details Make, Model, Versio, Existing H/W and S/W details along with licensing We assume that bidder has to provide feed of new camera to existing VMS system. Purchaser/ Customer will integrate new camera with existing VMS application</p> <p>Also clarify integration scope.</p>	Please see the changes in the revised bid document. No changes in integartion scope of work.						

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
231	3.2	Integration of Existing CCTV Projects:	<p>Integration is asked for new Camera with existing integrated Traffic Management System (ITMS) - Kindly provide existing ITMS system details (ANPR AND SPEED) Make, Model, Version, Existing H/W and S/W details along with licensing</p> <p>We assume that bidder has to provide feed of new camera to existing ITMS system. Purchaser/ Customer will integrate new camera with existing ITMS application</p> <p>Also clarify integration scope of bidder</p>	Please see the changes in the revised bid document. No chnages in integartion scope of work.
232	3.2	Integration of Existing CCTV Projects:	<p>Integration is asked for new Camera with existing Enterprise Management System (EMS) - Kindly provide existing EMS system details Make, Model, Version, Existing H/W and S/W details along with licensing</p> <p>We assume that Purchaser/ Customer will integrate new camera, Network and other active components with existing ITMS application bidder has to provide Local Network connectivity @ Junction location as per RFP</p> <p>Also clarify integration scope of bidder</p>	<p>1) Please see the changes in the revised bid document.</p> <p>2) Up to the Junction box the connectivity will be provided by the purchaser/ TENDERER and not in the scope of this RFP. the connectivity from the Junction box to the camera will be in the scope of the bidder</p>
233	6	Video Storage (700 TB & 1.5 PB): Based on the camera count (as per the site survey), It is proposed to increase the Storage at respective NETRAMs. Bidder needs to SITC and O&M of additional 700TB each of video storage at five location (Amreli, Anand, Bhavnagar, Sabarkantha, Vadodara (Rural+ City) & additional 1.5 PB each of video storage at three location (Mehsana, Surat (Rural + City), Rajkot (Rural+ City))	<p>Storage count does not matched with Price bid Quantity given on page number 86 (Price Bid for Cluster I, II & 3). As per price bid count, 700 TB storage = 4 Nos and 1.5PB Storage = 4 Nos.</p> <p>Kindly clarify with exact quantity requirement</p>	Please see the changes in the revised bid document.
234		General Query	<p>As per define scope of work and provided bills of material in RFP, there is no requirement of LPU at Junction level is asked and any analytics servers asked at NETRAM/District OR TRINETRA location.</p> <p>We assume that purchaser will procure and configure required local analytics workstation LPU at junction AND servers at NETRAM OR TRINETRA for ITSM (ANPR, SPEED, etc.) as per their requirement.</p> <p>Kindly clarify.</p>	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
235	3.2.1 (ii)	Integration with existing systems of VISWAS Phase-1 and other legacy projects: Bidder is responsible for integration of their CCTV feeds into the existing VMS solution of VISWAS Phase-1 at respective NETRAM such that there shall be a single Unified system for the entire state. Bidder is also responsible for the integration of cameras with existing Software/Applications like Speed Detection, Automatic Number Plate Recognition (ANPR), Red Light Violation Detection (RLVD), Enterprise Management System (EMS) etc.The details of the existing system are provided as per Annexure-B and Annexure-G.	Annexure - G is not attached / available in shared RFP Kindly share Annexure - G Also share existing System/application, architecture details of ANPR, Speed, RLVD & EMS where bidder has to integrate it.	Please see the changes in the revised bid document.
236	3.2.3 (g)	The Successful Bidder of the Cluster is responsible for setting up and O&M of all components supplied as a part of solutions. Technical specification as mentioned in Section-4 of this document is minimum, however the bidder has to ensure the below mentioned outcomes from the surveillance perspective are met at all times:-	As per Scope of work, technical specification and Bills of material, there is no any face detection system requirement is mentioned. We assume that all analytic requirement licenses are with purchaser and bidder has to provide only camera feed to district (NETRAM) / TRINETRA location Kindly clarify	No change, As per RFP
237	3.2.6 (a)	Integration with Centralized Helpdesk: The Successful Bidder of the Cluster will have to integrate with existing centralized helpdesk which has been setup in VISWAS Phase-I at the State Centre.	Kindly provide existing Helpdesk details like make, model, detailed architecture Also provide detail scope of bidder for integration as RFP has not given any detail scope for Helpdesk Kindly clarify	Please see the changes in the revised bid document.
238	3.2.8	Best Practices to be implemented by the successful bidder: a. Security: b. Network Security: c. Identity and Access Management: d. Secured data storage e. User/administrator	As per the RFP requirement bidder has to provide Local Area network (LAN at junction location, Purchaser will provide Service provider connectivity which is not part of this RFP requirement. Also all application (VMS, ITMS, EMS) will be provided by purchaser so to achieve security, purchaser has to make required application level configuration to achieve required security. So we request you to kindly add/amend below and acknowledge. Best Practices to be implemented by the successful bidder for CCTV camera implementation on field and for central IT/ICT infrastructure components including hardware and software will be take care by Tenderer.	Please see the changes in the revised bid document.
239	3.3	3.3 Implementation Timelines for the Bidder Go-live	As per given timeline, "Go-live" date is not defined Kindly define go-live date which will consider as start of O&M date	Please refer to 3rd point given in note just below RFP section 3.3. which says, "3) Go Live Date means the date on which the FAT of all the Cluster's component's as per the Work order has been successfully completed and accepted by the TENDERER."

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
240	6.2	Price Bid 20 LIU (6 core for SC, FC, ST, & LC)	We request you to change as per below as any one type of LIU is required LIU (6 core for SC / FC / ST / LC) OR Clarify which type of connector required in LIU . Please also confirm that termination of Tenderer's existing OFC cable in LIUs is not in bidder's SOW.	No change, As per RFP
241	Annexure-B	Annexure-B: VISWAS Phase-I Proposed Cameras	Kindly clarify that provided details in Annexure B is existing Camera OR proposed camera?	Please see the changes in the revised bid document.
242	5.9	Bid Security/ Earnest Money Deposit (EMD) Single Cluster Bid Rs. 1,50,00,000/- Two Cluster Bid Rs. 3,00,00,000/- Three Cluster Bid Rs. 4,50,00,000/-	Can we submit common EMD bank Guarantee for all three Cluster bid.	In case bidder wants to participate in multiple cluster, Bidder can upload the document as per provision under the GeM Portal. if GeM portal will allow the bidder to upload all the documents related to all three clusters then bidder may upload the same in any of the clusters. we will consider the document uploaded in any cluster. (in case the bidder wants to participate in multiple clusters
243	Brief Objectives	Expansion of CCTV Camera Network in existing 34-Cities: Strategic Locations, Traffic Junctions & Other Places	1. Kindly elaborate on the scope of the Expansion of CCTV Camera networks in the existing 34-Cities, the number of cameras, etc. 2. Kindly provide the existing location details along with the latitude & longitude.	Please see the Junction wise detail in the revised bid document
244	Important points related to scope of VISWAS Phase-II	1.4 It is proposed to create the viewing station with video wall at Vadodara and Surat Police Commissionerate area for viewing and controlling of video feeds. However, Storage of the video feed will be done at respective NETRAM (District Command & Control Center).	As per the referred clause, kindly incorporate the line item of the Video Wall in the Price bid.	Video Wall for Vadodara and Surat City viewing station is part of Vadodara and Surat City RFP and not under the scope of this RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
245	Important points related to scope of VISWAS Phase-II	1.6 It is proposed to merger & acquisition of CSITMS project with VISWAS Project by buy-back of the IT & Non-IT equipments installed in this project in addition to provide O&M and AMC support once the contract of existing agency over in near future.	<p>Kindly note the below points about the existing IT & Non-IT equipment:</p> <p>1) We request you to provide the list of buy-back IT & Non-IT equipment along with make & model details, year of purchase, Operational status, Written Down Value (WDV), etc.</p> <p>2) Existing IP cameras with ONVIF-S profile can be utilized & integrated with the VMS software. The relevant API & SDK should be provided by GIL from the respective OEM for proper tight integration.</p> <p>3) Analog cameras can be integrated with additional hardware or by changing to the IP cameras, additional software licenses are also required. Kindly clarify the scope of work.</p> <p>4) The existing Chinese make (if any) cameras SDK has the limitation for integration with the VMS software. Even after the integration of the SDK most of the functionalities will not work as expected. Hence, we request you to accept the limitations of the existing cameras, capabilities, function & features OR replace these cameras with new ones.</p> <p>We are requesting you provide point-wise clarification.</p>	Please see the changes in the revised bid document.
246	Important points related to scope of VISWAS Phase-II	3. Video Management System (VMS): It is proposed to use the existing VMS software to avoid multiple silos and for a smooth user experience. Tenderer will provide the required VMS software along with the VMS licences and successful bidder of this RFP needs to use the same for camera discovery and maintenance for 5 years.	<p>Kindly clarify the below points:</p> <p>1) Kindly provide the details of the existing VMS software along with the make & model. The existing VMS software should be ONVIF-S profile compliant for proper tight integration.</p> <p>2) We assumed that the Server/ IT infrastructure required for the installation of the additional VMS licenses for the cameras under VISWAS Ph-II will also be provided by GIL.</p> <p>Kindly confirm if our understanding is correct.</p>	<p>1) Existing VMS software is ONVIF-S profile compliant</p> <p>2) Central Infrastructure will be procured separately by TENDERER and not under scope of this RFP</p>
247	Important points related to scope of VISWAS Phase-II	4. Integrated Traffic Management System (ITMS): The successful BIDDER needs to integrate with existing ITMS solution including software & Hardware for (ANPR, RLVD & SVD) for a smooth user experience.	<p>Kindly clarify the below points:</p> <p>1) Kindly provide the details of the existing ITMS software along with the make & model.</p> <p>2) We understand that the GIL will make available the APIs from the Integrated Traffic Management System owners for integration with the VISWAS Ph-II.</p> <p>3) All the required KPIs & the relevant APIs will be enabled by the GIL for the integration. The KPIs for the integration will be well-defined in advance. The integration effort will be started to post SRS signed-off by GIL.</p> <p>Kindly confirm if our understanding is correct.</p>	
248	Important points related to scope of VISWAS Phase-II	5. Enterprise Management System (EMS): The successful BIDDER needs to integrate with existing EMS solution (including NMS, Helpdesk & Operational Management tools etc.) for better operational visibility & effective management.	Kindly provide the details of the existing EMS software along with the make & model.	Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
249	Important points related to scope of VISWAS Phase-II Price bid of Cluster - I Price bid of Cluster - II Price bid of Cluster - III	6. Video Storage (700 TB & 1.5 PB): Based on the camera count (as per the site survey), It is proposed to increase the Storage at respective NETRAMs. Bidder needs to SITC and O&M of additional 700TB each of video storage at five location (Amreli, Anand, Bhavnagar, Sabarkantha, Vadodara (Rural+ City) & additional 1.5 PB each of video storage at three location (Mehsana, Surat (Rural + City), Rajkot (Rural+ City) Storage (for Video feeds) Type 1- 700 TB Storage (for Video feeds) Type 2- 1.5 PB	We observed the conflict in the quantity of the 700 TB & 1.5 PB storage in the price bid & referred clause. As per the price bid of all three clusters, the quantity of 700 TB video storage is "4" whereas the quantity of 1.5 PB video storage is also "4". Whereas as per the referred clause 3.2, we need to install 700 TB at five locations & 1.5 PB at three locations. Hence, we request you to update the 700 TB & 1.5 PB storage quantity in the price bid.	Please see the changes in the revised bid document.
250	Integrated Traffic Management System	The ITMS shall use the latest available video analytics techniques to regulate the traffic and identify violations at different traffic junctions at each city level. The Successful Bidder of the Cluster is responsible for supply, installation, commissioning and O&M of cameras and integration with existing required applications such as ANPR, Speed detection etc. The Successful Bidder of the Cluster needs to coordinate and support for the integration of cameras covered in VISWAS Phase-II cluster with the existing Agency (Software/Application Provider). The Cameras for ITMS need to perform various analytics like Speed Detection, ANPR etc.	Kindly clarify the below points: 1) The scope of the VISWAS Ph-II SI is limited to the supply, installation, commissioning, and O&M of the ANPR & Speed detection cameras. 2) The processing unit, software, or any other hardware required for processing the video feeds captured by the VISWAS Ph-II cameras will be provided by the GIL.	No change, As per RFP
251	3.2.9.3 Network operations, Services and Maintenance	The Successful Bidder of the Cluster has to integrate all IP/ SNMP enable devices with the existing EMS/NMS system. The Successful Bidder of the Cluster is required to maintain uptime of the network between the different network nodes, camera end points, equipments installed inside JB's and different control centres to meet the SLA.	Kindly clarify the below points: 1) The VISWAS Ph-II SI scope is limited to the integration of all IP/SNMP devices. 2) The required EMS/NMS system licenses, software & hardware will be provided by the GIL.	1) Yes 2) Yes
252	City Surveillance System	f. The proposed video surveillance system will involve setting up of IP based outdoor security cameras across various locations in the Cities. The video surveillance data from various cameras deployed will be stored and monitored at NETRAM at respective city and can be viewed at TRINETRA on Pull/Push mechanism.	Kindly clarify the below points: 1) As per the price bid, any display or workstation is not listed at City Control Center. But as per the referred clause we need to monitor the cameras at NETRAM of the respective city. Hence, we request you incorporate the line item for the same in the price bid. 2) We understand that at the cameras to be deployed under the VISWAS Ph-II will be monitored at TRINETRA using the existing monitoring setup.	For monitoring camera feeds at NETRAM and TRINETRA, Existing display, workstation setup will be utilised hence no requirement of the same.

Request for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II. RFP No: GIL/Home Dept./VISWAS Phase-II/2022, GeM Bid Number: GEM/2022/B/2667802 Dated: 21-10-2022				
Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
253	Price bid of Cluster - I Price bid of Cluster - II Price bid of Cluster - III	-	As per the price bid, the storage is provided at the City Control Center level whereas the Workstation is provided at the Local Police Station lever for live monitoring & playback. Hence, there is no storage at the local police station level. Also, the connectivity between Local Police stations, NETRAM at the City Control Center level & TRINETRA State Datacenter will be provided by the GIL. Kindly confirm if our understanding is correct.	Video feeds of cameras will be stored at NETRAM level and not at local police station level. The connectivity between Local Police stations, NETRAM at the City Control Center level & TRINETRA State Datacenter will be provided by TENDERER and not in scope of bidder under this RFP
254	Eligibility criteria/ Sr. No. 3 / Page no. 14	bidder should have the minimum average annual financial turnover of Rs. XX crore during the last three financial years (2018- 19, 2019-20 and 2020-21).	bidder should have the minimum average annual financial turnover of Rs. XX crore during the last three financial years (2019- 20, 2020-21 and 2021-22). for Curent FY already 8 Months over, So we request to consider Last 3 FY turnover for Qualifications. for Project Success we request you to please addd Bidder's Execution of outdoor Camera Project WRT Cluster size.	Please see the changes in the revised bid document.
255	Eligibility criteria/ Sr. No. 3 / Page no. 14	New	Bidder Should have Experience to Execute Min XXX Outdoor Cameras during last 5 Years. Requesting to please relook on Paymnet terms to avoid cost of finance loading on bid value.	No change as per RFP
256	Payment / 74	50 % On Delivery, 35% on FAT, 15% After 3 Months of FAT	70 % On Delivery, 10% on I&C , 10% on FAT, 10% After 3 Months of FAT Requesting to please relook on Paymnet terms to avoid cost of finance loading on bid value.	Please see the changes in the revised bid document.
257	New	Not Asked	Technical Scope Table of 100 Marks WRT RFP scope; This is Solution Project, We request GIL / EU to add 100 Marks as Technical Score and min 70 Marks as Qualification for Commercial Stage.	No change as per RFP
258	3.2 Scope of Work for the VISWAS Phase-II	1.6 It is proposed to merger & acquisition of CSITMS project with VISWAS Project by buy-back of the IT & Non-IT equipments installed in this project in addition to provide O&M and AMC support once the contract of existing agency over in near future.	We required details of the buy- back components of CSITMS project for commercial purpose. Also required technical details (setup) of the CSITMS project to plan out the merger with VISWAS project	Please see the changes in the revised bid document.
259	3.2 Scope of Work for the VISWAS Phase-II	3. Video Management System (VMS): It is proposed to use the existing VMS software to avoid multiple silos and for a smooth user experience. Tenderer will provide the required VMS software along with Page 22 of 117 the VMS licences and successful bidder of this RFP needs to use the same for camera discovery and maintenance for 5 years.	Provide Existing VMS application Details like Make , Version , licenses etc. for each Cluster.It is required to check comptatibilty and other techical aspects for CCTV components going to propose.	Please see the changes in the revised bid document.
260	3.2 Scope of Work for the VISWAS Phase-II	4. Integrated Traffic Management System (ITMS): The successful BIDDER needs to integrate with existing ITMS solution including software & Hardware for (ANPR, RLVD & SVD) for a smooth user experience	Provide Existing ITMS application Details like Make , Version , licenses etc. for each Cluster.It is required to check comptatibilty and other techical aspects for CCTV components going to propose	Please see the changes in the revised bid document.
261	3.2 Scope of Work for the VISWAS Phase-II	5. Enterprise Management System (EMS): The successful BIDDER needs to integrate with existing EMS solution (including NMS, Helpdesk & Operational Management tools etc.) for better operational visibility & effective management.	Provide Existing EMS application Details like Make , Version , licenses etc. for each Cluster.It is required to check comptatibilty and other techical aspects for CCTV components going to propose	Please see the changes in the revised bid document.

Request for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II. RFP No: GIL/Home Dept./VISWAS Phase-II/2022, GeM Bid Number: GEM/2022/B/2667802 Dated: 21-10-2022				
Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
262	3.2 Scope of Work for the VISWAS Phase-II	6. Video Storage (700 TB & 1.5 PB): Based on the camera count (as per the site survey), It is proposed to increase the Storage at respective NETRAMs. Bidder needs to SITC and O&M of additional 700TB each of video storage at five location (Amreli, Anand, Bhavnagar, Sabarkantha, Vadodara (Rural+ City) & additional 1.5 PB each of video storage at three location (Mehsana, Surat (Rural + City), Rajkot (Rural+ City)	We have to provide new Storage or expansion of existing storage.pls clarify ? If it is expansion to Existing storage pls share the details of existing storage. With make , model , types of HDD , expansion capacity etc...	No change, As per RFP
263	3.2 Scope of Work for the VISWAS Phase-II	7. UPS (10 KVA & 1 KVA): The successful BIDDER needs to provide 10 KVA UPS at each 34 NETRAMs & 2 Commissionerate Area (Surat & Vadodara) & 1 KVA UPS at all 51 City Police Station & 1 Rajkot Commissionerate Area for power backup	Please clarify whether 10KVA UPS asked in the tender is for additional load of the Phase II IT Infra or we have to consider the IT infra load of phase I in this ? If it includes phase I then please share existing load details	No change, As per RFP
264	3.2.1 Supply Installation testing & Commissioning and Integration	ii. Integration with existing systems of VISWAS Phase-1 and other legacy projects: Bidder is responsible for integration of their CCTV feeds into the existing VMS solution of VISWAS Phase-1 at respective NETRAM such that there shall be a single Unified system for the entire state. Bidder is also responsible for the integration of cameras with existing Software/Applications like Speed Detection, Automatic Number Plate Recognition (ANPR), Red Light Violation Detection (RLVD), Enterprise Management System (EMS) etc.The details of the existing system are provided as per Annexure-B and Annexure-G .	Annexure-G is not available in RFP pls share	Please see the changes in the revised bid document.
265	3.2.2 General Obligation of the System Integrator	The Successful Bidder of the Cluster has to provision and provide an end-to-end solution along with all the required hardware/software/services which may be necessary and vital for the successfully implementation and running of the entire project	We required details of the existing Server Hardware for all applications to check whether it is capable enough to support additional load of the Phase II CCTV components.	Please see the changes in the revised bid document.
266	3.2.5 Storage / Recording Requirement:	a. The Successful Bidder of the Cluster will have to deploy the storage at City Level Data Centre as per the required sizing as provided in Annexure-C.	Is City Level Data Centre and NETRAM both are same or it is different. If it is different then share the details of the City Level Data Center	Both are same.
267	General	Bidding	Please Keep Min 5 Days Gap between each bid submission for below bids similar in nature. <ul style="list-style-type: none"> Viswas Project for 51 Locations. Viswas Project for Baroda and Surat City. Police Station CCTV project 	Please see revised bid submission Date on GeM portal.
268	General	Bidding	<ul style="list-style-type: none"> For The bid where multiple clusters (VISWAS Bid 1 for 51 Locations & Police Station CCTV), We request below support from GIL. Please Provide Separate RA time slot for each cluster, as bidder use single DSC to submit the bid and at a time only single RA participation is practically possible. 	No change, As per RFP

Request for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II. RFP No: GIL/Home Dept./VISWAS Phase-II/2022, GeM Bid Number: GEM/2022/B/2667802 Dated: 21-10-2022				
Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
269	3.2.5 Storage / Recording Requirement:	h. Retrieval time for any data / Video Feed should be less than 3 seconds. The same should happen through a single click of the mouse button. To realize the same, for the stored CCTV video feed, the Successful Bidder of the Cluster will create Geo-tagged, IP enabled web interface, which will be available to users of the state government through user credentials as an interface. By choosing camera either through IP address or through the geo tagged interface, and by choosing the time stamp or other meta data for video clip, the feed should be retrievable	Kindly share the Existing software details like Make , Version , Licenses etc... which is used for Geo-tagging	Please see the changes in the revised bid document.
270	Price bid of Cluster	As per RFP 10KVA and 1 KVA UPS using at district nad Nagarpalika Police station but not clear about the Edge locaton	Please give clarity about the edge location power which required UPS Power or only raw power ? as in tender UPS qty. are mentioned for NETRAM command center and workstation for Nagarpalika Police station only.	We have not asked for UPS power at edge location level hence not mentioned in Price Bid. UPS power is required at NETRAM and local police station level.
271	5.2 Cost of Bidding	5.2.2 Bidder is requested to pay Rs. XX,000/- as a bid processing fee (Non-refundable) in the form of demand draft in favour of "Gujarat Informatics Ltd." payable at Ahmedabad/ Gandhinagar along with the EMD cover. In case of non-receipt of bid processing fees & EMD the bid will be rejected by GIL/Home Department as non-responsive	In GEM portal, generally no tender fee/bid processing fee payment is there. So it seems there is a typo error w.r.t. the given clause. We request the authority to kindly clarify the same.	Bid processing fees is not applicable for this GeM bid . Please see the changes in the revised bid document.
272	5.23 Notification of Award & Signing of the Contract	5.23 Notification of Award & Signing of Contract 5.23.1 Prior to expiration of the period of Bid validity, the TENDERER will notify the successful Bidders and issue Lol. 5.23.2 Within Seven (7) calendar days of receipt of the Contract Form, the successful Bidder shall sign and date the Contract and return it to the TENDERER. The contract Performance guarantee has to be submitted within 15 calendar days of receipt of final work order. The PBG shall comprise two parts; 5% of the value of Schedule-I of Price Bid (Capex component) valid for one year which would be discharged and returned after completion of FAT, and second part as 5% of the value of Schedule – II of Price Bid (O&M component) valid up to 180 days beyond the expiry of contract.	As per the Notification No. F.9/4/2020-PPD, Government of India, Ministry of Finance, Department of Expenditure, Procurement Policy Division, The PBG shall be 3% of the contract value. Hence, we request the authority to kindly amend all the clauses related to the PBG in the RFP to give effect to this government notification.	No change, As per RFP
273		3.Video Management System (VMS): It is proposed to use the existing VMS software to avoid multiple silos and for a smooth user experience. Tenderer will provide the required VMS software along with the VMS licences and successful bidder of this RFP needs to use the same for camera discovery and maintenance for 5 years.	This point favor to one VMS so please allow adding point to consider New VMS which can replace existing and provide new device license	No change, As per RFP

Request for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II. RFP No: GIL/Home Dept./VISWAS Phase-II/2022, GeM Bid Number: GEM/2022/B/2667802 Dated: 21-10-2022				
Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
274		4.Integrated Traffic Management System (ITMS): The successful BIDDER needs to integrate with existing ITMS solution including software & Hardware for (ANPR, RLVD & SVD) for a smooth user experience.	This point favor to one VMS so please allow adding point to consider New ITMS solution which can replace existing and provide new System	No change, As per RFP
275	1: Built	The Outdoor Utility Cabinet will be constructed with a front sheet steel door with 3-point Locking system to ensure the security of the cabinet. Side and Wall Panels shall be thick wall constructed, with fixing bolts internal to the cabinet. The Cabinet should have the required frames to mount the required components like, network device, power, UPS, Stabilizer, surge protector, LIU, battery, etc.	This is temperature based sensor fans which will start when inside temperatures of OD JB goes beyond 35 degree onwards, it will help to exhaust heat and controlled environment in rack that will help o meet operational temperature range of IT equipement. IS/IEC 60526:2001, RA2014 is IT 55 industry standard followed by Rack Manufacturers. Rittal request for changes/modification: It is outdoor JB which will be placed in open weather condition where ambient tempature goes beyond 45 degree in summer, we therefore request you to consider to include " 1 No Thermostat with single temperature range to be set as 35degree to be assembled with fans. fans should be 90 CFM 230V AC fans, EC Sleeve/ball bearing type with finger guard and 2 Nos filter mat should be placed at exhaust and at inlet. Overall solution should meet designed standard of IP55 as IS/IEC 60529:2001, RA2014 Standard "	No change, As per RFP
276	5: Installation	Each Cabinet will be mounted on a raised height Plinth, 600 - 1000 mm high, as per site requirements. FAN Cooling unit shall be inherent in the design.	This is temperature based sensor fans which will start when inside temperatures of OD JB goes beyond 35 degree onwards, it will help to exhaust heat and controlled environment in rack that will help o meet operational temperature range of IT equipement. IS/IEC 60526:2001, RA2014 is IT 55 industry standard followed by Rack Manufacturers. Rittal request for changes/modification: It is outdoor JB which will be placed in open weather condition where ambient tempature goes beyond 45 degree in summer, we therefore request you to consider to include " 1 No Thermostat with single temperature range to be set as 35degree to be assembled with fans. fans should be 90 CFM 230V AC fans, EC Sleeve/ball bearing type with finger guard and 2 Nos filter mat should be placed at exhaust and at inlet. Overall solution should meet designed standard of IP55 as IS/IEC 60529:2001, RA2014 Standard "	No change, As per RFP
277	Compliance		It will allow standard product OEM to participate in the bid Rittal request for changes/modification: We request you to consider that Rack OEM should be ISO 9001, EN ISO 14001, OHSAS 45001 comply with EIA 310 company. And OEM should comply with ROHS standard process.	No change, As per RFP
278	Perforation	Should have sufficient perforation for ventilation of air	It will help to department proper perforated front and rear doors proper cooling and heat dissipation requirements Rittal request for changes/modification: We request you to consider as "Racks must have 3 points locking system on front and rear per-forated doors. The side panels set for each rack Front and Back doors should be perforated with at least 70% or higher perforations. Perforation should be in hexagonal design to have better air ventilation Both the front and rear doors should be designed with quick re- lease hinges allowing for quick and easy detachment without the use of tools."	No change, As per RFP
279	IP PDU	IPDU (minimum 2 nos.): As per the requirements of the IT equipment's to be loaded	It will help proper integration and better service support from the product OEM Rittal request for changes/modification: We request you to consider that Rack and IP-IPD should be same make of OEM for better service support	No change, As per RFP

Request for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II. RFP No: GIL/Home Dept./VISWAS Phase-II/2022, GeM Bid Number: GEM/2022/B/2667802 Dated: 21-10-2022				
Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
280	Compliance		It will help and allow standard product OEM to participate in the bid Rittal request for changes/modification: We request you to consider that Rack OEM should be ISO 9001, EN ISO 14001, OHSAS 45001 comply with EIA 310 company. And OEM should comply with ROHS standard process.	No change, As per RFP
281	Perforation	Should have sufficient perforation for ventilation of air	It will help to department proper perforated front and rear doors proper cooling and heat dissipation requirements Rittal request for changes/modification: We request you to consider as "Racks must have 3 points locking system on front and rear per- forated doors. The side panels set for each rack Front and Back doors should be perforated with at least 70% or higher perforations. Perforation should be in hexagonal design to have better air ventilation Both the front and rear doors should be designed with quick re- lease hinges allowing for quick and easy detachment without the use of tools."	No change, As per RFP
282	IP PDU	IPDU (minimum 2 nos.): As per the requirements of the IT equipment's to be loaded	It will help proper integration and better service support from the product OEM Rittal request for changes/modification: We request you to consider that Rack and IP-IPD should be same make of OEM for better service support	No change, As per RFP
283	Compliance		It will help and allow standard product OEM to participate in the bid Rittal request for changes/modification: We request you to consider that Rack OEM should be ISO 9001, EN ISO 14001, OHSAS 45001 comply with EIA 310 company. And OEM should comply with ROHS standard process.	No change, As per RFP
284	Perforation	Should have sufficient perforation for ventilation of air	It will help to department proper perforated front and rear doors proper cooling and heat dissipation requirements Rittal request for changes/modification: We request you to consider as "Racks must have 3 points locking system on front and rear per- forated doors. The side panels set for each rack Front and Back doors should be perforated with at least 70% or higher perforations. Perforation should be in hexagonal design to have better air ventilation Both the front and rear doors should be designed with quick re- lease hinges allowing for quick and easy detachment without the use of tools."	No change, As per RFP
285	IP PDU	IPDU (minimum 2 nos.): As per the requirements of the IT equipment's to be loaded	It will help proper integration and better service support from the product OEM Rittal request for changes/modification: We request you to consider that Rack and IP-IPD should be same make of OEM for better service support	No change, As per RFP
286	Compliance		It will help and allow standard product OEM to participate in the bid Rittal request for changes/modification: We request you to consider that Rack OEM should be ISO 9001, EN ISO 14001, OHSAS 45001 comply with EIA 310 company. And OEM should comply with ROHS standard process.	No change, As per RFP

Request for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II. RFP No: GIL/Home Dept./VISWAS Phase-II/2022, GeM Bid Number: GEM/2022/B/2667802 Dated: 21-10-2022				
Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
287		Reverse Auction would be conducted amongst first 50% of the technically qualified bidders arranged in the order of prices from lowest to highest. Number of sellers eligible for participating in RA would be rounded off to next higher integer value if number of technically qualified bidders is odd (e.g. if 7 bids are technically qualified, then RA will be conducted amongst L-1 to L-4). In case number of technically qualified bidders are 2 or 3, RA will be between all without any elimination. If Buyer has chosen to split the bid amongst N sellers, then minimum N sellers would be taken to RA round. In case Primary products of only one OEM are left in contention for participation in RA based on lowest 50% bidders qualifying for RA, the number of sellers qualifying for RA would be increased to get at least products of one more OEM (directly participated or through its reseller) if available. Further, if bid(s) of any seller(s) eligible for MSE preference is / are coming within price band of 15% of Non MSE L-1 or if bid of any seller(s) eligible for Make in India preference is / are coming within price band of 20% of non MII L-1, then such MSE / Make in India seller shall also be allowed to participate in the RA	As per best Industry practice and accepted norms in all large ICT, Smart City/Safe City/Govt Tenders, We hereby request the honorable tender committee to change the bid evaluation to L1 bidding/Least Cost based Selection. Published RFP is totally based on designing parameters & integration solution to already existing solution, thus L1/LCBS evaluation methodology which will comply solution as well as best possible prices, whereas RA will call for poor quality solution & products for such prestigious & strategic project.	Please see the changes in the revised bid document.
288	2.3 Eligibility Criteria; Sr No2	Bidder should be an established IT /Telecom/Security Surveillance Solutions System Integrator and should have been engaged in setting-up and Operations & Maintenance Services of Network (Active or Passive) and Data Centres for a period of at least five years as on bid issuance date. Documents required: Work Orders / Client Certificates confirming year and area of activity should be enclosed.	We wish to notify Honourable Committee that Current tender doesn't have DC/DR as a scope of work therefore having DC/DR experience as a PQ criteria is unjustifiable and not required. For wider participation, We hereby request honourable tender committee to include/modify said clause seeking experience pertaining to current scope of work from " Specific Business Area (SBA) of the Bidder". Suggested modified clause: Bidder should be an established and active IT /Telecom/Security Surveillance Solutions System Integrator for a period of at least Five years as on bid issuance date. Documents required: Work Orders / Client Certificates confirming year and area of activity/ CA or CS certificate declaring " Specific Business Area (SBA)" of the Bidder should be enclosed.	No change, As per RFP
289	2.3 Eligibility Criteria; Sr No 6	In case bidder wants to quote for any three clusters then, bidder should have demonstrable expertise and experience in executing at least ONE project of Network Integration / Systems Integration/Data Centre (setting up or O&M) anytime during last five years as on bid issuance date, having a minimum value of Rs. 50 crores or TWO projects having a minimum value of Rs. 25 crores each. Documents required: Details of such projects undertaken along with clients' on-going/completion certification/ letter stating project value should be enclosed. Undertaking from the Parent company to support its wholly owned subsidiary.	As per best Industry practice and accepted norms in all large ICT, Smart City/Safe City/Govt Tenders, We hereby request honourable tender committee to expand Project experience from 5 years to 7 Years as min 2 years were lost owing to Covid Pandemic and related GOI restrictions due to which not much progress was made in Project execution across vertical/geography. 7 years project exp was accepted in recently concluded Ahmedabad Safe City Tender. Suggested modified clause: The bidder should have demonstrable expertise and experience in executing at least ONE project of Network Integration / Systems Integration/Data Centre (setting up or O&M) anytime during last Seven years as on bid issuance date, having a minimum value of Rs. 50 crores or TWO projects having a minimum value of Rs. 25 crores each. Ongoing Projects shall be accepted.	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
290	2.3 Eligibility Criteria; Sr No 6	<p>Note: In case Bidder is a wholly owned subsidiary, the experience of Parent company would be considered for eligibility</p> <p>Documents required: Undertaking from the Parent company to support its wholly owned subsidiary.</p>	<p>For Project of this stature and in interest of fair, wider participation from large Global company's registered in India below clause is requested to be accepted as suggested below clause is already accepted/allowed in all large ICT, Smart City/Safe City/Govt Tenders like recently concluded Ahmedabad Safe City Tender .</p> <p>Suggested modified clause: In case Bidder is a wholly owned subsidiary of its Ultimate Parent Company then Technical experience of parent / subsidiary/Sister concern having ultimate parent would be considered for eligibility .</p> <p>Documents required: Undertaking from the Parent company to support its wholly owned subsidiary</p>	Please see the changes in the revised bid document.
291	3.3 Implementation Timelines for the Bidder (PAYMENT TERMS)]	<p>We hereby request Honorable Tender Committee to accept below payment terms for better seamless execution of the project & positive cashflow</p> <p>a.) 75% of the Total Component value of the Delivered Part (as per Schedule-I of Price BID). b.) 15% of Total Component value (as per Schedule-I of Price BID) on Completion of FAT. c.) 10% of Total Component value after FAT Completion + 3 Months(as per Schedule-I of Price BID).</p>	Please see the changes in the revised bid document.
292	3.3 Sr No-2 & 3	<p>Sr No2 : Delivery of the ordered items as per the work order at central location (bidder's warehouse at Gandhinagar/Ahmedabad) T+120 days</p> <p>Sr No 3: The successful bidder will complete the Installation & Commissioning of CCTV camera and related accessories as per scope of work The overall Installation and Commissioning of hardware, Integration and offering for acceptance shall be completed. T+240</p>	<p>As per best Industry practice and accepted norms in all large ICT, Smart City/Safe City/Govt Tenders , We here by request honourable tender committee to extend Project delivery/execution timelines to 1.5 year from the date of accepted due to below genuine reasons:</p> <p>A. delay in supply of Cameras/Networking components due to shortage of chipsets in Global semi-conductor Industry & disruption in SCM due to volatile Market and ongoing Ukraine-Russia War. B. Project is Outdoor City Wide Surveillance in nature therefore there shall be delays in getting</p>	Please see the changes in the revised bid document.
293	5.25 Force Majeure	<p>Force Majeure shall mean any event or circumstances or combination of events or circumstances that materially and adversely affects, prevents or delays any Party in performance of its obligation in accordance with the terms of the Agreement, but only if and to the extent that such events and circumstances are not within the affected party's reasonable control, directly or indirectly, and effects of which could have prevented through Good Industry Practice or, in the case if construction activities through reasonable skill and care, including through the expenditure of reasonable sums of money. Any events or circumstances meeting the description of the Force Majeure which have same effect upon the performance of any contractor shall constitute Force Majeure with</p>	<p>Request to please accept the following Force Majeure Clause</p> <p>“(a) Neither party shall incur any liability due to failure or delay in performance of any obligation caused by Force Majeure, at least for the duration of the Force Majeure, provided that the affected party shall promptly notify the other of the existence of the Force Majeure and the effect on its ability to perform its obligations, and provided further that the affected party undertakes all reasonable efforts to mitigate the impact of the Force Majeure on the other party. Bidder shall be entitled to EOT and price implication, if any as mutually discussed and agreed.</p> <p>(b) The term “Force Majeure” shall mean and include without limitation any Act of God, industry wide strikes, work stoppages, explosion, epidemic, pandemic, severe weather, fire, flood, war and other hostilities, civil commotion or unrest, cyber-attacks, viruses, ransomware, failures or interruptions to network systems, data breaches, governmental acts, regulations or orders, generalized inadequate supply of raw materials or components, or any other circumstance of a similar nature beyond the reasonable control of an affected party.</p> <p>(c) If any Force Majeure endures more than sixty (60) days, the parties shall meet and review in good faith the desirability and conditions of the Contract.”</p>	No change as per RFP
294	5.37 Limitation of Liability	<p>Selected agency's cumulative liability for its obligations under the contract shall not exceed the value of the charges payable by the TENDERER within the remaining duration of the contract term from the day claim is raised and selected agency shall not be liable for incidental, consequential, or indirect damages including loss of profit or saving.</p>	<p>Request to please accept the LOL clause :</p> <p>“To the maximum extent permitted by law and notwithstanding any provision to the contrary in this Contract, Bidder's aggregate liability (including liquidated damages and indemnities, if any) hereunder for any loss, damage and expenses arising out of or in connection with its performance of this Contract shall be limited to the contract price paid by Customer to Bidder for the work hereunder. Bidder should not be liable to Customer for any indirect, special, consequential loss or damage whatsoever.”</p>	No change as per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
295	5.34 Termination Clause	<p>Termination by the TENDERER: The TENDERER, reserves the right to suspend any of the services and/or terminate this agreement in the following circumstances by giving 30 days' notice in writing if: -</p> <p>5.34.1.1 The bidder becomes the subject of bankruptcy, insolvency, and winding up, receivership proceedings.</p> <p>5.34.1.2 In case the TENDERER finds illegal use of hardware, software tools, manpower etc. that are dedicated to the project.</p> <p>5.34.1.3 In case the bidder fails to deliver, Installed and commission ordered items within the prescribed time lines and extension granted if any. In such scenario the TENDERER reserves the right to procure the same from other bidders at the risk, cost and responsibility of the selected agency.</p> <p>5.34.2 Termination by Successful bidder: The successful bidder reserves the right to suspend any of the Services and/or terminate the Agreement at any time with 30 days' notice if the payment to the selected is due for more than 2 (two) consecutive quarters.</p> <p>5.34.3 Upon occurrence of an event of default as set out in Clause above, either party will deliver a default notice in writing to the other party which shall specify the event of default and give the other party an opportunity to correct the default.</p> <p>5.34.4 Upon expiry of notice period unless the party receiving the default notice remedied the default, the party giving the default notice may terminate the Agreement.</p>	<p>Request to please accept the following clause :</p> <p>The Contract may not be altered or cancelled or terminated by the Buyer for any reason whatsoever without the written consent of Bidder (including suspension, prolongation and acceleration). If Bidder agrees to alter or cancel or terminate the Contract, Bidder shall forfeit any deposit paid by the Buyer to Bidder pursuant to the Contract (if any) and the Buyer shall indemnify JCI against any loss, damage and expense incurred by Bidder in relation to the cancellation or termination or alteration of that Contract including but not limited to the cost of return freight, return shipping to factory of origin, items purchased from third parties for inclusion in the Goods and all labor and engineering costs incurred by Bidder in the execution or part execution of the Goods and including compensation payable to any supplier of Bidder and loss of profit.'</p> <p>oAdd, 'Sub-contractor shall have termination rights due to Contractor's material default or breach which has not been remedied within reasonable time. The termination hereof shall not affect any accrued right or liability of either Party nor affect the operation of the provisions of the Order that are expressly or by implication intended to come into or continue in force on or after such termination.</p>	No change, As per RFP
296	Section 3.3 : Implementation timelines of the bidder	<p>Clause r.)</p> <p>In the event of the delay in delivery of contracted services or services is not satisfactory the purchaser may procure goods from elsewhere as prescribed in bid and the successful bidder shall be liable without limitations for the difference between the cost of such substitution and the price set forth in the contract for the goods involved i.e., at the risk of the bidder.</p>	We hereby request Honorable Tender Committee to initially officially notify & seek clarification with successful bidder and post mutual agreement may go ahead purchase/procure goods/services from 3rd party.	No change, As per RFP
297	5.31 Warranty Terms	<p>Should the Successful bidder fail the attend meeting at locations within the time specified above, the TENDERER shall be at liberty to rectify the work/materials and Successful bidder shall reimburse the TENDERER all costs and expenses incurred in connection with such trouble or defect.</p>	We hereby request Honorable Tender Committee to initially officially notify & seek clarification with successful bidder and post mutual agreement may go ahead purchase/procure goods/services from 3rd party.	No change, As per RFP
298	Operational Penalties during the O&M Period Clause 5.42.4	<p>The overall penalty would be generally capped at 10% of QP amount. If the cap of overall penalty is reached in two consecutive quarters, the penalty cap for the third quarter onwards, for each quarter will increase by 5% over the penalty cap for the preceding quarter till it reaches 25% of the QP. In addition to the applicable penalty and the provisions pertaining to closure/termination of contract, the TENDERER shall be within its rights to undertake termination of contract if or anytime the penalty increases by 20 % of the QP. Once the penalty cap has increased beyond 10%, if the bidder through better performance delivery for any quarter, brings the leviable penalty below 10% then the computation of the 1st of the 2 consecutive quarters as referred above will reset and will begin afresh. Availability will be</p>	<p>1. We hereby request Honorable Tender Committee to initially officially notify & seek clarification with successful bidder and post mutual agreement may go ahead and purchase/procure goods/services from 3rd party.</p> <p>2. We request to cap the maximum penalty to 5% of QP amount.</p>	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
299	2.3 Eligibility Criteria	The MAF is required for Routers, Switches, Storage, Servers etc. being supplied under this project.	Request You Kindly Revise : The MAF is required for Routers, Switches, Storage, Servers , Camera , UPS , Monitor , Automatic Voltage Stabilizer, Excluding Rack , Patch Chord , Poles , Cables , Conduits , being supplied under this project.	Please see the changes in the revised bid document.
300	3.2.1.ii	Integration with existing systems of VISWAS Phase-1 and other legacy projects: Bidder is responsible for integration of their CCTV feeds into the existing VMS solution of VISWAS Phase-1 at respective NETRAM such that there shall be a single Unified system for the entire state. Bidder is also responsible for the integration of cameras with existing Software/Applications like Speed Detection, Automatic Number Plate Recognition (ANPR), Red Light Violation Detection (RLVD), Enterprise Management System (EMS) etc.The details of the existing system are provided as per Annexure-B and Annexure-G.	Kindly share Annexure G. As software license and Command Centre is already existing . For Integration of additional Camera under Phase II shall be fully supported by existing MSI & OEM without any commercial implication & unrestricted access of Platform to give seamless integration. Formal acceptance of Existing vendor if made available will help post bid challenges if any .	1) Please see the changes in the revised bid document for Annexure-G 2) Successful bidders have to co-ordinate with the existing agency for integration of the proposed camera with the existing VMS, ITMS, EMS
301	3.2.2.h	Comprehensive Last mile connectivity (including supply, installation & commissioning of required material/hardware) between utilities and nearby Junction (connectivity medium like CAT-6/fibre, power cable as per the site requirement) including supply of active and passive component within/interconnected the junction boxes. Civil Work (Supply, Erection and commissioning) of Non-IT infrastructure like Poles/Gantry/ frames/fixtures/housing etc. with proper electrical earthing (as per IS-3043) wherever required as per the feasibility plan/report.	Request you Kindly include HDPE Conduit , 4 Core OFC Cable , Cat 6 Cable , 3.2.5 Sq mm Power Cable , Digging , Trenching , Cable Laying , Reinstigate Cahrges Per Meter Rate. However billing will be based on actual drawing approval. Also share GPS corordinate of Camera and Network Connectivity points .	No change, As per RFP
302	3.2.2.k	For the client end application support, bidder will provision and supply necessary hardware plus computing power that will be good for camera feeds that will be four times of what is being installed at end points. Storage will be as per the capacity indicated with provision for addition of extra storage disks only to take storage capacity to double of what is being asked.	Kindly Calrify 4 Times capacity of Processor , UPS & Network switch bandwidth . Also Storage Capacity double meaning .	No change, As per RFP
303	3.2.2.n	SLA has to be enforced irrespective of any physical loss or damage, theft, manufacture defect, transportation, storage, delivery, installation.	Request : As SLA penalty is very high , Kindly exclude theft with supporting FIR .	No change, As per RFP
304	3.2.2.u	u. However, the Successful Bidder of the Cluster will have to provide AMC/Warranty/O&M support for the period of 5 years from the Go-live of entire project. The Successful Bidder of the Cluster will also have to provide AMC/Warranty/O&M support post partial Go-live/FAT. The IP Pool for the project will be provided by the TENDERER.	Request : As FAT is City wise where as AMC is Clusterwise . In case particular Front is not available and delayed for more then 6 months how AMC will be applicable clusterwise. Kindly make AMC Citywise .	No change, As per RFP
305	3.2.2.aa	The Successful Bidder of the Cluster under the scope of work will be responsible for integrating the infrastructure that is part of scope of this tender with the existing applications of Govt. of Gujarat such as e-Gujcop, Vahan, Sarthi, Smart City projects and VISWAS Phase I for leveraging the VISWAS Infrastructure deployed as per RFP.	As software license and Command Centre is already existing . For Integration of additional Camera under Phase II shall be fully supported by existing MSI & OEM without any commercial implication & unrestricted access of Platform to give seamless integration. Formal acceptance of Existing vendor if made available will help post bid challenges if any.	Please see the changes in the revised bid document.
306	General		GPS Coordination for cameras locations is missing in RFP/Tender and same is required to design BOQ related to passive items.	Please see the Junction wise detail in the revised bid document
307	General		Clarification on RoW permission/Stake Holders Matrix required from GIL : Request Honourable Tender Committee to ensure Single Point Contact/owner from GIL for all ROW/Scope of work/integration/coordination related activities	No change, As per RFP
308	3.3 Implementation Timelines for the Bidder	3.3 Implementation Timelines for the Bidder	Since, this is a big project with multi city scope, delay in implementation of any one city due to administrative reason (due to ROW, work front avaiability or any other reason which is not related to SI) will result into non payment to SI who is not responsible for the delay. Hence, we request to please allow pro-rata payment for each milestone as under:	Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
309	2.3 Eligibility Criteria Point 3	3. In case bidder want to quote for any one cluster then bidder should have the minimum average annual financial turnover of Rs. 75 crore during the last three financial years (2018- 19, 2019-20 and 2020-21). In case bidder want to quote for any two clusters then bidder should have the minimum average annual financial turnover of Rs. 150 crore during the last three financial years (2018- 19, 2019-20 and 2020-21). In case bidder want to quote for all three clusters then, bidder should have the minimum average annual financial turnover of Rs. 225 crore during the last three financial years (2018- 19, 2019-20 and 2020-21). Note: a. The average annual Turnover in any of the 3 out of last 4 financial years (FY 2017-18, 2018-19, 2019-20 and 2020- 21) will be considered. b. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of	We understand turnover can be overall considering any domain, please confirm.	No change, As per RFP
310	2.3 Eligibility Criteria Point 2	2. Bidder should be an established IT /Telecom/Security Surveillance Solutions System Integrator and should have been engaged in setting-up and Operations & Maintenance Services of Network (Active or Passive) and Data Centres for a period of at least five years as on bid issuance date. Work Orders / Client Certificates confirming year and area of activity should be enclosed.	We understand workorder date can be before five years (as on bid submission timeline), please confirm	No change, As per RFP
311	2.3 Eligibility Criteria Point 3	3. In case bidder want to quote for any one cluster then bidder should have the minimum average annual financial turnover of Rs. 75 crore during the last three financial years (2018- 19, 2019-20 and 2020-21). In case bidder want to quote for any two clusters then bidder should have the minimum average annual financial turnover of Rs. 150 crore during the last three financial years (2018- 19, 2019-20 and 2020-21). In case bidder want to quote for all three clusters then, bidder should have the minimum average annual financial turnover of Rs. 225 crore during the last three financial years (2018- 19, 2019-20 and 2020-21). Note: a. The average annual Turnover in any of the 3 out of last 4 financial years (FY 2017-18, 2018-19, 2019-20 and 2020- 21) will be considered. b. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of	We understand turnover can be overall considering any domain, please confirm.	No change, As per RFP

Request for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II. RFP No: GIL/Home Dept./VISWAS Phase-II/2022, GeM Bid Number: GEM/2022/B/2667802 Dated: 21-10-2022				
Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
312	2.3 Eligibility Criteria Point 6	<p>6. In case bidder want to quote for any one cluster then, bidder should have demonstrable expertise and experience in executing at least ONE project of Network Integration / Systems Integration/Data Centre (setting up or O&M) anytime during last five years as on bid issuance date, having a minimum value of Rs. 20 crores or TWO projects having a minimum value of Rs. 10 crores each.</p> <p>In case bidder want to quote for any two clusters then, bidder should have demonstrable expertise and experience in executing at least ONE project of Network Integration / Systems Integration/Data Centre (setting up or O&M) anytime during last five years as on bid issuance date, having a minimum value of Rs. 35 crores or TWO projects having a minimum value of Rs. 18 crores each.</p> <p>In case bidder want to quote for any two clusters then, bidder should have demonstrable expertise and experience in executing at least ONE project of Network Integration / Systems Integration/Data Centre (setting up or O&M) anytime during last five years as on bid issuance date, having a minimum value of Rs. 50 crores or TWO projects having a minimum value of Rs. 25 crores each.</p> <p>Note: In case Bidder is a wholly owned subsidiary, the experience of</p>	<p>We understand for all projects (safe city/ smart city/ metro/ airports/ etc.), total/overall project value can be considered for "System Integration", please confirm</p> <p>We understand workorder date can be before five years (as on bid submission) timeline, please confirm</p>	No change, As per RFP
313	2.3 Eligibility Criteria Point 6	<p>In case bidder want to quote for any one cluster then, bidder should have demonstrable expertise and experience in executing at least ONE project of Network Integration / Systems Integration/Data Centre (setting up or O&M) anytime during last five years as on bid issuance date, having a minimum value of Rs. 20 crores or TWO projects having a minimum value of Rs. 10 crores each.</p> <p>In case bidder want to quote for any two clusters then, bidder should have demonstrable expertise and experience in executing at least ONE project of Network Integration / Systems Integration/Data Centre (setting up or O&M) anytime during last five years as on bid issuance date, having a minimum value of Rs. 35 crores or TWO projects having a minimum value of Rs. 18 crores each.</p> <p>In case bidder want to quote for any two clusters then, bidder should have demonstrable expertise and experience in executing at least ONE project of Network Integration / Systems Integration/Data Centre (setting up or O&M) anytime during last five years as on bid issuance date, having a minimum value of Rs. 50 crores or TWO projects having a minimum value of Rs. 25 crores each.</p> <p>Note: In case Bidder is a wholly owned subsidiary, the experience of</p>	<p>We understand for all projects (safe city/ smart city/ metro/ airports/ etc.), networking & ICT components such as but not limited to switches, routers, server, storage, applications, workstations, manpower, security components, can be considered for "Data Centre" even though they are under any head of the BOQ, please confirm</p>	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
314	2.3 Eligibility Criteria	(v) If the bidder wants to prove any Make in India products (As specified in the policy released by department of Promotion of Industry and internal trade, Ministry of commerce and Industry, Government of India dated 4th June 2020 having no. P-45021/2/2017-PP (BE-II)), which meets the functional and technical requirements specified in the RFP but not qualifying above mentioned criteria, the bidder shall be required to submit all additional justification/ documents/ information along with bid on the aptness of the same product to meet SLA requirements of the RFP Including undertaking on INR 300 rupees non-judicial stamp paper from the proposed OEM of meeting all the functional & technical requirements specified in the RFP & OEM's Statutory Auditor Certificate certifying 60% domestic value addition in terms of composition of product. In case details provided is found to have misrepresented any facts or documents or any piece of information, then OEM/s shall be disqualified and blacklisted	Request to modify as follows: (v) If the bidder wants to prove any Make in India products (As specified in the policy released by department of Promotion of Industry and internal trade, Ministry of commerce and Industry, Government of India dated 4th June 2020 having no. P-45021/2/2017-PP (BE-II)), which meets the functional and technical requirements specified in the RFP but not qualifying above mentioned criteria, the bidder shall be required to submit all additional justification/ documents/ information along with bid on the aptness of the same product to meet SLA requirements of the RFP Including undertaking on INR 300 rupees non-judicial stamp paper from the proposed OEM of meeting all the functional & technical requirements specified in the RFP & OEM's Statutory Auditor/ Cost Auditor/ Chartered Accountant/ Self declaration Certificate certifying 60% domestic value addition in terms of composition of product. In case details provided is found to have misrepresented any facts or documents or any piece of information, then OEM/s shall be disqualified and blacklisted.	No change, As per RFP
315	3.2.9.8 Manpower Requirement	Format XII - Non-Disclosure Undertaking, f. Before on boarding the resource, the Successful Bidder of the Cluster must submit the Non- Disclosure Agreement (NDA) from all the resources regarding not to share any information related to project in public domain without prior consent attached Format XII.	We understand this declaration is applicable Post award of contract to Successful bidder & not related to Bidding stage for RFP sharing with vendors/ subcontractors/ OEMs, please confirm	No change, As per RFP
316	3.3 Implementation Timelines for the Bidder	c. If there is a delay in delivery of the supply of hardware, applicable penalty for delay in delivery of delayed/non-supplied hardware will be levied. Due to delay in delivery, if installation gets delayed further applicable penalty for delay in installation and commissioning will also be levied for that non-supplied and non-installed hardware.	Request to confirm if delay is not attributable to Bidder, no penalty shall be levied to Bidder & appropriate extension shall be applicable.	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
317	3.3 Implementation Timelines for the Bidder	<p>Delay beyond T + 21 Days, TENDERER may terminate the Work Order/Contract and forfeit the PBG. In such case, TENDERER may consider issuing Work Order to L2 bidder.</p> <p>Delay beyond T + 135 Days TENDERER may terminate the contract and forfeit the PBG</p> <p>A penalty of 0.75% of Total Component value of Delayed Part (as per Schedule-I of Price BID) for every Week or part thereof.</p> <p>Delay beyond T+255 Days TENDERER may terminate the contract and forfeit the PBG</p>	<p>Request to remove these clauses as the same is not practically feasible in such contracts. Milestone penalty or Liquidated damages shall be defined for events of default for both parties SI & Client. For eg:</p> <p>1. In the event of delay or any gross negligence in implementation of the project before Go-Live, for causes solely attributable to the System Integrator, in meeting the deliverables, the Purchaser shall be entitled at its option to recover from the System Integrator as agreed, liquidated damages, as SLA mentioned in this RFP subject to a maximum of 10% of the value of the undelivered portion of CAPEX.</p> <p>2. Amount of liquidated damages for delay in completion of Any Milestone will be (0.01/week of cost of milestone) per day subject to maximum of 10% of the value of the undelivered portion of CAPEX.</p> <p>3. If next milestone is matched as per given time schedule in that case deducted LD amount can be reimbursed to the successful bidder.</p> <p>4. Purchaser reserves its right to recover these amounts by any mode such as adjusting from any payments to be made by the Purchaser to the System Integrator. Liquidated damages will be calculated on per week basis.</p> <p>5. Any such recovery or liquidated damages shall not in any way relieve the System Integrator from any of its obligations to complete the Work or from any other obligations and liabilities under the Contract.</p> <p>6. Delay not attributable to the System Integrator will be considered for exclusion for computing liquidated damages as well as reasonable extension of time to complete the milestone. However, the same may be done at the sole discretion of the purchaser.</p> <p>7. In the event of failure by the Successful System Integrator to fulfil the delivery conditions, Purchaser at its discretion may initiate any of the actions as given below:</p> <p>a. Additional resources will be requested for speeding up the work.</p> <p>b. Liquidated Damages will be levied.</p> <p>c. Contract with the Successful System Integrator may be terminated as per the Termination clause.</p> <p>d. Any other action as may be deemed fit in the best interest of the Purchaser.</p>	Please see the changes in the revised bid document.
318	6.1.8.5 Make and Model form	Note: The Bidder may quote only one option (i.e. one Make and Model can be quoted) against each item cluster wise. Bidders are required to mention Make and Model of the product (Do not write "OEM" against items). Bidders are expected to give make and model of the product). Ensure that all equipment including material to be installed by the Bidder shall be new and the product should not be de-supported or declared end of life during the next 7 years.	Request to modify timeline of support & end of life for RFP timeline only.	No change, As per RFP
319	Format VI – Financial Details of the Bidder	2. Annual financial turnover during the last three years is ____ Crore (each year) against System Integration and Services. Bidder shall upload a certificate from the statutory auditors.	We understand CA Certificate can also be provided as per Qualification section	No change, As per RFP
320	3.2.9.8 Manpower Requirement	3.2.9.8 Manpower Requirement	We understand manpower to be deployed for CAPEX & O&M part shall be on payroll of Bidder/ Subcontractor/ OEM. please confirm	No change, As per RFP
321	6.1 Price-bid Instruction to Bidders	6.1 Price-bid Instruction to Bidders	Please provide clarity on CAPEX OPEX ratio to be considered.	Please refer to 3rd point given in note just below RFP section 6.2. which says, "3. Price Bid-Schedule-II: Operations and maintenance cost for 5 years to be quoted by the bidder should not be less than 25% of sum total of all the line items of schedule-I."

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
322	3.2 Scope of Work for the VISWAS Phase-II Important points related to scope of VISWAS Phase-II	2. Proposed Connectivity: Connectivity will be provided by purchaser/TENDERER and not in the scope of this RFP.	We understand the connectivity of camera to field switches or ISP switches provided by service provider shall be in customer scope. As there is no line item in price bid that asks these cabling to be done by bidder. So we understand all these activity shall be carried out by client and the same is not in bidders scope. Please confirm if our understanding is correct.	Up to the Junction box the connectivity will be provided by the purchaser/ TENDERER and not in the scope of this RFP. the connectivity from the Junction box to the camera will be in the scope of the bidder
323	3.2 Scope of Work for the VISWAS Phase-II Important points related to scope of VISWAS Phase-II	5. Enterprise Management System (EMS): The successful BIDDER needs to integrate with existing EMS solution (including NMS, Helpdesk & Operational Management tools etc.) for better operational visibility & effective management.	There is no BOQ line item for EMS in the price bid so we understand the same is not required to be offered as part of this tender. And any integration or expansion licence required shall be provided by the client. Any hardware required for the same shall also be provided by client. Also please let us know the existing make and model of the EMS available with the client.	1) Please see the changes in the revised bid document
324	3.2 Scope of Work for the VISWAS Phase-II Important points related to scope of VISWAS Phase-II	"4. Integrated Traffic Management System (ITMS): The successful BIDDER needs to integrate with existing ITMS solution including software & Hardware for (ANPR, RLVD & SVD) for a smooth user experience."	The Price Bid asks only for the camera "IP Camera Type A: ANPR and Speed Detection: 1031 Nos". We understand the required ANPR and speed detection lic. is a centralized software (not LPU Based) and bidder responsibility is limited to offer only the camera for the ANPR, Speed Detection. While all the required server, Software and other accessories shall be provided by client. And the ITMS software is already integrated with the various systems available with the client. And there is no requirement of getting these systems to be integrated with any of the systems available with client. Please confirm if our understanding is correct. And if it is not correct let us know the existing ITMS software details and let us know the line item against which these costs need to be factored as part of the price bid offering to the client.	No change, As per RFP
325	3.2 Scope of Work for the VISWAS Phase-II Important points related to scope of VISWAS Phase-II	3. Video Management System (VMS): It is proposed to use the existing VMS software to avoid multiple silos and for a smooth user experience. Tenderer will provide the required VMS software along with the VMS licences and successful bidder of this RFP needs to use the same for camera discovery and maintenance for 5 years."	There is no BOQ line item in the price bid to offer the VMS so we understand the same is not required to be offered as part of this tender. And any integration or expansion licence required shall be provided by the client. Any hardware required such as server, OS , CAL etc. for the same shall also be provided by client. Further we understand any integration required with any of the existing system shall be carried out by client. Also please let us know the existing make and model of the VMS available with the client. Please confirm if our understanding is correct.	Yes
326	3.2.2 General Obligation of the System Integrator	"v. Actual power/electricity required will be provided by TENDERER. However, extension till the last mile/actual utility will be in the scope of the Successful Bidder of the Cluster. Further the Recurring Electricity charges under the project shall be paid by the TENDERER	There is no line item in the price bid that asks the cable laying So we understand all the last mile connectivity till the Camera and Junction box and fixing of electric meter and its recurring charges shall be provided by client. Also all internal cabling and the inside control room or elsewhere required in the project shall be carried out by client please confirm if our understanding is correct.	Up to the Junction box the connectivity will be provided by the purchaser/ TENDERER and not in the scope of this RFP. the connectivity from the Junction box to the camera will be in the scope of the bidder
327	General Query	General Query	We understand the VMS, ITMS, ANPR, Speed Violation, EMS, etc.licences and required hardware shall be provided by client. So all the required integration with the existing systems shall also be carried out by client itself. And bidder scope is limited to the Price Bid BOQ only. Please confirm if our understanding is correct.	No change, As per RFP
328	2.1 Core Objectives of VISWAS:	<ul style="list-style-type: none"> ☑ Integration of Existing CCTV Projects: ☑ Smart City Projects (Ahmedabad, Gandhinagar, Vadodara, Surat, Rajkot & Dahod) ☑ Other Projects of Government of Gujarat: CSITMS, Morbi Safer City Project etc. 	Please let us know make and model of existing projects under VISWAS Ph-1	The integration of existing CCTV projects is one of the objective of VISWAS Phase-II however not in scope of bidder under this RFP.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
329	2.1 Core Objectives of VISWAS:	<ul style="list-style-type: none"> ☑ Integration of Existing CCTV Projects: ☑ Smart City Projects (Ahmedabad, Gandhinagar, Vadodara, Surat, Rajkot & Dahod) ☑ Other Projects of Government of Gujarat: CSITMS, Morbi Safer City Project etc. 	Need clarification on expectation and level of integration with existing CCTV projects.	The integration of existing CCTV projects is one of the objective of VISWAS Phase-II however not in scope of bidder under this RFP.
330	3.2 Scope of Work for the VISWAS Phase-II Important points related to scope of VISWAS Phase-II	3. Video Management System (VMS): It is proposed to use the existing VMS software to avoid multiple silos and for a smooth user experience. Tenderer will provide the required VMS software along with the VMS licences and successful bidder of this RFP needs to use the same for camera discovery and maintenance for 5 years.	This clause will limit VMS to single OEM. For wide participation request approval of different make VMS and to be integrated with ICCC.	Please see the changes in the revised bid document
331	3.2 Scope of Work for the VISWAS Phase-II Important points related to scope of VISWAS Phase-II	3. Video Management System (VMS): It is proposed to use the existing VMS software to avoid multiple silos and for a smooth user experience. Tenderer will provide the required VMS software along with the VMS licences and successful bidder of this RFP needs to use the same for camera discovery and maintenance for 5 years.	We understand as VMS is not in our scope, we will not be responsible for meeting SLA of VMS. Please confirm our understanding.	SLAs pertaining to VMS software, hardware will not be in scope of bidder however SLAs pertaining to Camera Downtime due to failure of local connectivity, camera not functional, etc will be in scope of bidder. Successful bidders have to co-ordinate with the existing agency for resolving such issues.
332	3.2 Scope of Work for the VISWAS Phase-II Important points related to scope of VISWAS Phase-II	ii. Integration with existing systems of VISWAS Phase-1 and other legacy projects: Bidder is responsible for integration of their CCTV feeds into the existing VMS solution of VISWAS Phase-1 at respective NETRAM such that there shall be a single Unified system for the entire state.	Need clarification on existing VISWAS Phase-1 and other legacy projects along with make and model in this projects.	Successful bidders have to co-ordinate with the existing agency for integration of the proposed camera with the existing VMS, ITMS, EMS. However integration of other legacy projects not in scope of bidder under this RFP. Please see the changes in revised bid document.
333	3.2 Scope of Work for the VISWAS Phase-II Important points related to scope of VISWAS Phase-II	The licenses required for integration of the CCTV feeds into the existing VMS, ITMS system shall be procured by the TENDERER.	This clause will limit VMS to single OEM. For wide participation request approval of different make VMS and to be integrated with ICCC.	Please see the changes in the revised bid document
334	3.2 Scope of Work for the VISWAS Phase-II Important points related to scope of VISWAS Phase-II	i. Hardware/End Points: Bidder is also responsible for supply, installation, commissioning and O&M of end points like CCTV Cameras, Storage, IT Infrastructure, Non-IT Infrastructure (Network Cabling, UPS etc.) to be deployed across multiple cities (Cluster wise) covered under the VISWAS Phase-II Project.	Non-IT Infrastructure (Network Cabling, etc.) is missing in price bid. Please provide quantity of same.	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
335	3.2 Scope of Work for the VISWAS Phase-II Important points related to scope of VISWAS Phase-II	h. Comprehensive Last mile connectivity (including supply, installation & commissioning of required material/hardware) between utilities and nearby Junction (connectivity medium like CAT-6/fibre, power cable as per the site requirement) including supply of active and passive component within/interconnected the junction boxes. Civil Work (Supply, Erection and commissioning) of Non-IT infrastructure like Poles/Gantry/ frames/fixtures/housing etc. with proper electrical earthing (as per IS-3043) wherever required as per the feasibility plan/report.	BOQ of Non-IT Infrastructure, civil work require is missing in price bid. Please provide quantity of same.	Up to the Junction box the connectivity will be provided by the purchaser/ TENDERER and not in the scope of this RFP. the connectivity from the Junction box to the camera will be in the scope of the bidder
336	3.2 Scope of Work for the VISWAS Phase-II Important points related to scope of VISWAS Phase-II	3.3 Implementation Timelines for the Bidder	We understand due to any delay from customer side, payment will be released to SI for partial/incomplete installation and commissioning milestone on pro-rata basis. Please confirm our understanding.	No change, As per RFP
337	TECHNICAL SPECIFICATIONS4.9 Camera Type A (Box Cameras for ANPR & Speed Detection)	Camera Type A (Box Cameras for ANPR & Speed Detection)	Please allow for Bullet/ Box Camera . Bullet camera are well designed and best suitable for such kind of Projects.	No change, As per RFP
338	4.9 Camera Type A (Box Cameras for ANPR & Speed Detection)	External Illuminator with visibility should be at least 50m, Power requirement & connectivity should be part of the solution. Illumination (Colour & b/w) should be sufficient to capture Objects/Faces at night time when there is not sufficient illumination at site	For a 5-50 mm lens camera 50 m IR is very less. Please change to atleast 100 m Inbuilt /External IR for better clarity at Night.	No change, As per RFP
339	4.9 Camera Type A (Box Cameras for ANPR & Speed Detection)	Vandal Proof IK10 or above rated, NEMA 4X/ IP66 rated Housing	Request to change requirement to Vandal Proof IK10 or above rated, NEMA 4X/ IP67 rated Housing. Outdoor Cameras must have better weather protection	No change as per RFP
340	4.9 Camera Type A (Box Cameras for ANPR & Speed Detection)	Addition	Please add egde based analytics People Counter, Multi Loitering, Intrusion, Tampering, Smart Motion Detection (SMD), Motion Detection	No change, As per RFP
341	4.9 Camera Type A (Box Cameras for ANPR & Speed Detection)	Addition	Please add Camera must NDAA Compliant	No change, As per RFP
342	4.9 Camera Type A (Box Cameras for ANPR & Speed Detection)	Addition	Must support Digest authentication, TLS1.2 only, Stream encryption, AES128 / 256, SSH / Telnet closed, PCI-DSS compliance	No change, As per RFP
343	4.10 Camera Type B (Box Camera for Surveillance) pt.no. 24	Multi Focal Lens-<=6 mm to >=50 mm lens or better	Suggested specs will not fulfill the need to cover wider angle in smaller room focal lens As per standard application the 2.8-12MM Lens suffice the need. The industry standard for standard cameras are also 2.8-12MM. Multi Focal Lens-<=2.8 mm to >=12 mm lens or better	No change, As per RFP
344	4.10 Camera Type B (Box Camera for Surveillance) pt.no. 14	Video Streams-Individually configurable min 03 video streams (H.265), Unicast/ Multicast .	We propose to change to dual streams Instead of 3 streams The standard streaming model supported by cameras are dual stream (2 stream) which can be used for dedicated monitoring and recording, and as per camera standard one stream can be access by 5 user locally.	No change, As per RFP
345	4.10 Camera Type B (Box Camera for Surveillance) pt.no. 22	Outer Casing-Vandal Proof IK10 or above rated, NEMA 4X/ IP66 rated Housing	Request you to please allow Box/Bullet/Dome cameras for Type B . As per industry standard , IK 10 casing is generally used for Dome cameras.	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
346	4.10 Camera Type B (Box Camera for Surveillance) pt.no. 23	Alarm Support Required (1 Input and 1 Output)	Alarm In/out is a function which will be used for integration with 3rd party system or hooter buzzer etc. In current situation, we don't identify such need. Hence request to please remove this limiting criteria.	No change, As per RFP
347	4.10 Camera Type B (Box Camera for Surveillance) pt.no. 24	Audio Support Required (1 Input and 1 Output)	We request please allow : Audio Support Required (1 Input and 1 Output) or Built in Mic-- Audio In- if you use this function Audio in then you need to connect separate mic to the camera and give the power supply as well which lead the complexity in implementation and maintenance. Also the quality is totally depend on the mic used (there is hardly any standard make mic available in industry), Instead of this if you use built in MIC, It's will very simple and implementation and maintenance and even the quality will be better. Audio Out- Audio out function is used when you need to make some announcement from monitoring station and it's should be get broadcasted to camera output where you have to connect the speaker with amplifier in standard setup at camera end, In current requirement there is no such need mentioned so requesting to remove this point.	No change, As per RFP
348	4.10 Camera Type C (PTZ) 4.11 pt.no. 10	Focal Length -5 to 150mm or Better	We propose to allow 5-150MM or Equivalent Focal length. As per the specification the 30X Optical zoom is OK but the optical zoom and focal length combination could be different with manufacturer, So requesting to you change as per above	(The minimum required optical zoom is 30 X). "Lower end of focal from 4.3 mm to 5 mm will be allowed. The higher end of the focal length from 129 mm to 150 mm will be allowed
349	5.9.1 Bid Security/ Earnest Money Deposit (EMD)	Bidders of the Cluster shall submit, along with their Bids, EMD in the form of a Demand Draft OR Bank Guarantee (in the format specified in Format IV) issued by any nationalized/ Scheduled bank in favour of "Gujarat Informatics Ltd." payable at Ahmedabad/Gandhinagar,	1) Request you to confirm wheter you will also require EMD BG through SFMS Mode - 2) if reply to above query is Yes then request to provide the bank details and IFSC code	Please see the changes in revised bid.
350	5.20 Audit, Access and Reporting Point No. : a to e	Audit, Access and Reporting	The mentioned Audit /Access mentioned in these clauses are not acceptable. Even if you want to have any audit/inspection then that should be limited to operations of site activites only . Request you to confirm	No change, As per RFP
351	5.33 Performance Guarantee 5.33.2	The performance guarantee will be in the form of bank guarantee for the amount equal of 10% of the value of the Order / LOI towards faithful performance of the contract obligation, and performance of the equipment during Warranty period	As per our understading & as mentioned in the clause no 5.23.2 , we have to give the PBG as meneioned --- The PBG shall comprise two parts; 5% of the value of Schedule-I of Price Bid (Capex component) valid for one year which would be discharged and returned after completion of FAT, and second part as 5% of the value of Schedule – II of Price Bid (O&M component) valid up to 180 days beyond the expiry of contract. - we will have to submit 2nd BG after the FAT .Request you to confirm wether our understanding is correct .Moreover as per the GOVT notification we herewby request you to allow us to submit PBG @ 3% ameding above mentioned clause of 5% by way of corrigendum	Please see the changes in revised bid. Please note that there is no change in PBG rate (i.e. 5%).
352	5.39.2 Payment Procedure: 5.39.2 b ii	The invoice would be processed for release of payment within 45 days after due verification of the invoice and other supporting documents by the TENDERER or its designated agency.	As per our understanding , our Capex Payment would also be released with in 45 day after due verification of invoice and other supporting documents. Request you to confirm whether our understanding is correct	No change, As per RFP
353	6.1 Price-bid Instruction to Bidders 6.1.1	The prices shall strictly be submitted in the given format. Quoted prices shall be exclusive of GST. The tax (GST/ Applicable Tax) components as applicable shall be mentioned separately in the respective columns. Successful Bidder will have to supply/provide goods with an Invoice from a place located within State of Gujarat.	Our understaing is that , unit price with taxes , are to be mentiond only for information and we have to charge applicale rate of taxes & duties prevailing on the date of invoice and we would get paid accordingly. Moreover as per our understaning if there is any new tax introduced by the government after the last date of submitting the bid then we will have to charge the same in invoice which is prevailing on the date of invoice and we we woud get paid accordingly -- Request you to confirm whether our understanding is correct	Please see the changes in the revised bid document.

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354	Format IV	Format IV – Bank Guarantee format for Earnest Money Deposit - it is mentioned at the bottom of format that "Approved Bank: Any Nationalized Bank operating in India having branch at Ahmedabad/ Gandhinagar "	Our understanding as per the clause mentioned in 5.9.1, is that we can submit EMD bank guarantee from Scheduled commercial bank - in view of this please confirm and request you to delete the mentioned line by way of corrigendum	Please see the changes in the revised bid document.
355	General query	General query	Request you to confirm that Labour cess /BOCW would not be deducted from our payment	No change, As per RFP
356	Service Level and Penalty Clause	The overall penalty would be generally capped at 10% of QP amount	The overall penalty would be generally capped at 5% of respective QP amount	No change, As per RFP
357	Operational Penalties during the O&M Period	Not keeping required Manpower ☑ Staffs deployed at TRINETRA & NETRAM levels: 5000/- per day per person for un-sanctioned/ non-reporting ☑ All other staffs deployed at Police Station Level: 1000/- per day per person for un-sanctioned/ non-reporting	Not keeping required Manpower ☑ Staffs deployed at TRINETRA & NETRAM levels: 2000/- per day per person for un-sanctioned/ non-reporting ☑ All other staffs deployed at Police Station Level: 500/- per day per person for un-sanctioned/ non-reporting	No change, As per RFP
358	Operational Penalties during the O&M Period	Latency (Device only) Less than 50ms ☑ Rs. 500 per hour, per instance or part thereof. ☑ Successful bidder has to analyse, report, escalate and get the issue resolved within 24 hours	Latency (Device only) Less than 50ms ☑ Rs. 100 per hour, per instance or part thereof. ☑ Successful bidder has to analyse, report, escalate and get the issue resolved within 24 hours.	Please see the changes in the revised bid document.
359	Operational Penalties during the O&M Period	Packet Loss (Device only) <=0.5% ☑ Rs. 1000 per hour, per instance or part thereof	Rs. 200 per hour, per instance or part thereof	Please see the changes in the revised bid document.
360	Operational Penalties during the O&M Period	Accuracy of ANPR/RLVD Rs. 5,000/- per instance per Junction (Maximum cap is 10,000/- per month per Junction)	Rs. 1,000/- per instance per Junction (Maximum cap is 2,000/- per month per Junction)	Please see the changes in the revised bid document.
361	Operational Penalties during the O&M Period	Timeline for Retrieval of video feeds from the Storage Rs. 500 for every instance of late retrieval as per the SLA	Rs. 200 for every instance of late retrieval as per the SLA	No change, As per RFP
362	General query	General query	SI will depute SOW Manpower As per RFP Qualification	No change, As per RFP
363	3.2.8 Best Practices to be implemented by the successful bidder c. Identity and Access Management:	c. Identity and Access Management: including user identification, authentication, authorization, Access Control, Administration, Audit, SSL & Digital Signatures for systems and support for industry standard protocols for systems developed under the scope of work. The solution should support advanced user authentication mechanisms including Network access control and necessary access policies	Please clarify does the bidder require to propose security solutions for these functions or solution will be provided by customer and MSI will only require to configure policies and integrate the solution	Please see the changes in the revised bid document.
364	3.2.9.7 O&M of Physical Infrastructure:	r. The bidder shall carry out Risk assessment of the Physical Infrastructure as per Policy/Guidelines specified by the TENDERER and provide a Risk Assessment report including recommendations.	Please clarify, what will be the frequency of risk assessment. Will it be a one time activity or need to be performed at definite time interval	Risk Assessment shall be done with preventive maintenance and quarterly report should be submitted during the O&M period.
365	Auditing	Auditing	Please specify the requirement for Auditing (ISO etc.) and the tenure of audit frequency	No change, As per RFP
366	monitoring	monitoring	Please specify technical requirements for Security monitoring solution	No change, As per RFP
367	10. Guarantee and Warrantee:	Additional point	Please add -GUARANTEE PERIOD "Products repaired or replaced and services re-performed are warranted for the remainder of the original warranty period or 90 days (for products) whichever is longer. Honeywell is not, and will not be, liable for defects attributable to: (a) non-compliance with Honeywell's instructions, (b) unauthorized alterations or repairs, (c) accident, contamination, abuse, or negligence, or (d) damage caused by failure of any item or service not supplied by Honeywell. WARRANTIES IN THIS SECTION ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER WRITTEN, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT, AND FITNESS FOR PARTICULAR PURPOSE. THE REMEDIES IN THIS SECTION ARE BUYER'S ONLY REMEDIES FOR BREACH OF WARRANTY."	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
368	15. Extension of Delivery Period and Liquidated Damages:		Please change it to PRICE REDUCTION SCHEDULE (PRS) / DELAYED DELIVERY- We are OK for LD/PR subject to the foll. conditions "Notwithstanding anything to the contrary, Liquidated damages are levied @ 0.5% per week, subject to a maximum of 5% of the undelivered/unperformed portion of the contract value. Such LD shall constitute Purchaser's sole and exclusive remedy, to be will be levied for delay in supplies, which delays are solely attributable to vendor."	No change, As per RFP
369	18. Limitation of Liability:		Request you to please delete words: "excluding his liability towards infringement of patent, trade mark or industrial design rights"	No change, As per RFP
370	23.2 Indemnification:		PATENTS AND ROYALTIES: Propose for : "Honeywell shall defend the suits alleging IP infringements of valid US patents and copyrights, and indemnify against the final judgment provided that Buyer (a) gives Honeywell prompt notice when Buyer becomes aware of a third-party claim, (b) gives complete authority and assistance (at Honeywell expense) for disposition of the claim, and (c) makes no prejudicial admission with respect to the claim. Honeywell has no liability for: (a) Deliverables supplied pursuant to Buyer designs, drawings or specifications, (b) Deliverables used other than for the purpose for which they were delivered, (c) claims resulting from combining any Deliverable with any product or software not supplied by Honeywell, (d) any modification of a Deliverable by other than Honeywell, (e) any compromise or settlement made without written Honeywell consent; or (f) costs or attorney fees incurred by Buyer. If infringement claim is made or is likely, Honeywell may at its option and expense: Obtain the right or license to use, or modify the deliverable as to make non-infringing, or accept return of the deliverable and credit the price (depreciated) to customer and terminate the applicable software license. This section states Honeywell's entire liability and buyer's sole recourse and exclusive remedies with respect to infringement. All other warranties against infringement of IP rights, whether statutory, express or implied, are disclaimed."	No change, As per RFP
371	Addition Request	Addition Request	TECHNICAL INFORMATION: We request you to please add: "Confidentiality obligations shall apply mutatis mutandis to the Purchaser/Owner/Buyer, to the extent applicable. Confidential Information" is information that: (a) is marked as "Confidential" or "Proprietary" at the time of disclosure; or (b) is disclosed orally or visually, is identified by the Party disclosing the information ("Discloser") as confidential at the time of disclosure, and is designated as confidential in a writing sent to the receiving Party ("Recipient") within 30 days after disclosure that summarizes the Confidential Information sufficiently for identification. Unless otherwise specified, each Party's obligations with respect to the Confidential Information of the other Party will continue for five years after the date of receipt. Parties agree that breach of the confidentiality obligations by the Recipient will cause irreparable damage for which money damages will not be fully adequate, and Discloser is entitled to seek injunctive relief, in addition to any other legal remedies."	No change, As per RFP
372	19. Termination for Default:		CANCELLATION: Propose for right to terminate by the Vendor and get paid for the work performed till the date.	No change, As per RFP
373	16.2 Arbitration:		As per latest gazette recommendation we request you to propose for mutually appointed arbitrator	No change, As per RFP
374	Addition Request	Addition Request	CYBER SECURITY: Cyber security services will be provided in professional and workmanlike manner. Honeywell makes no guaranty that the cyber security products ("CS Products"), inclusive of equipment, software and services will prevent or mitigate the impact of any cyber-attack. Honeywell's sole liability, for failure of the CS Products is replacement of the defective product and/or re-performance of the defective service, provided Buyer notifies Honeywell of the defects during the warranty period. Third Party CS Product, if any, are provided to customer subject to such Third Parties' standard terms and conditions (including software license terms) and Honeywell has no liability with respect to the performance or non-performance of the same.	No change, As per RFP

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375	Addition Request	Addition Request	PERSONAL DATA PROTECTION: Each Party acknowledges and agrees that it may process certain business contact details relating to individuals engaged by the other Party in the performance of that other Party's obligations under this Agreement ("Staff"). Each Party will take appropriate technical and organizational measures to protect such personal data against any security breaches and shall securely delete it once no longer required for the purposes for which it is processed. Where appropriate and in accordance with the applicable data protection legislation, each Party shall inform its own Staff that they may exercise their rights in respect of their personal data against the other Party by sending a written request with proof of identity to the other Party to the address set forth in this Agreement.	No change, As per RFP
376	Addition Request	Addition Request	REMEDIES FOR NONPAYMENT- If Buyer pays late, Honeywell may: (a) suspend deliveries until all delinquent amounts and late interest, if any, are paid, (b) repossess Products or software for which payment has not been made, (c) charge interest for non-payment at lesser of 1.5 % per month for each full or partial month or the maximum legal rate available under governing law, (d) recover all costs of collection, including but not limited to reasonable attorneys' fees, and (e) combine any of the above rights and remedies as may be permitted by applicable law . If Buyer does not dispute an invoice within 15 days after invoice date, Buyer has waived the right to do so. Honeywell reserves a right to correct any inaccurate invoices. Buyer may not set off invoiced amounts against sums that are due from Honeywell. Honeywell may increase price and recover associated costs, for the following that occur between the date of the Order and delivery: (a) foreign exchange variation, (b) increased cost of third party content and materials, (c) periodic price increase of Products and Services, (d) impact of government tariffs, and (e) increases in costs of industrial metals as published by the London Metal Exchange (https://www.lme.com/).	No change, As per RFP
377	Addition Request	Addition Request	INVENTIONS & INTELLECTUAL PROPERTY: Intellectual Property" "means all copyrights, trademarks, trade secrets, patents, utility models and other intellectual property rights recognized in any jurisdiction worldwide, including all applications and registrations. No right, title or interest in Intellectual Property provided by Honeywell is transferred to Buyer under the Agreement. All Intellectual Property and results of Services, including software, models, designs, drawings, documents, inventions, and know-how ("Inventions"), conceived or developed by Honeywell in connection with the Agreement, are the sole property of Honeywell and Buyer assigns any rights it may have in such Inventions to Honeywell. All Software delivered by Honeywell is subject to a software license or software subscription agreement ("License"). If Buyer does not agree to a License with Honeywell, Buyer does not have a license or right to Software. Buyer retains all rights in its own data and other information collected by Honeywell deliverables from Buyer or third-party devices or equipment ("Input Data"). Honeywell and its Affiliates have the right to use Input Data in the required form to provide, protect, improve or develop Honeywell products or services. Honeywell may also use the Input Data for other purposes, provided it is in an anonymized form that does not identify Buyer. All inventions and algorithms derived from Input Data (but excluding Input Data itself) are Honeywell's intellectual property and are owned solely exclusively by Honeywell. Any Buyer Personal Data contained within Input Data shall only be used or processed in accordance with the data privacy terms of this Agreement and applicable law. This section survives termination of this Agreement.	No change, As per RFP
378	Addition Request	Addition Request	BUYER CAUSED DELAY: Notwithstanding anything to the contrary, where Seller is unable/delayed from adhering to the time schedule for performing its portion of the work due to delays or any events which are not attributable to the Seller, then Buyer shall compensate the Seller for the work performed/goods delivered/obligations undertaken.	No change, As per RFP

Request for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II. RFP No: GIL/Home Dept./VISWAS Phase-II/2022, GeM Bid Number: GEM/2022/B/2667802 Dated: 21-10-2022				
Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
379	Addition Request	Addition Request	<p>The Parties agree that each Party will be responsible for compliance with all import, export, and re-export control laws and regulations and will mutually cooperate as needed. Relating to the entry into and performance pursuant to this Contract, Buyer will comply with all Sanctions Laws, including regulations administered by the United States of America, the European Union and its Member States, the United Kingdom, and the United Nations ("Sanctions Laws"). Buyer will not sell, export, re-export, divert, use or otherwise transfer, any Honeywell products technology, software, or proprietary information: (i) to or for any Sanctioned Persons or Sanctioned Jurisdictions.</p> <p>or (ii) for purposes prohibited by any Sanctions Laws. Buyer agrees that Honeywell may take any and all actions relating to this transaction or Contract that are required to ensure full compliance with all Sanctions Laws without Honeywell incurring any liability. For the purpose of this paragraph, Sanctioned Persons are defined as any individual or entity: (1) named on a governmental denied party or restricted list, including but not limited to: the Office of Foreign Assets Control ("OFAC") list of Specially Designated Nationals and Blocked Persons ("SDN List"), the OFAC Sectoral Sanctions Identifications List ("SSI List"), and the sanctions lists under any other Sanctions Laws; (2) organized under the laws of, ordinarily resident in, or physically located in a jurisdiction subject to comprehensive sanctions administered by OFAC (currently Cuba, Iran, North Korea, Syria, and the Crimea region of Ukraine/Russia) ("Sanctioned Jurisdictions"); and/or (3) owned or controlled, directly or indirectly, 50% or more in the aggregate by one or more of any of the foregoing.</p>	No change, As per RFP
380	Addition Request	Addition Request	<p>Economic Surcharge: Honeywell may, from time to time and in its sole discretion, issue surcharges on this Agreement in order to mitigate and/or recover increased operating costs arising from or related to, without limitation: (a) foreign currency exchange variation; (b) increased cost of third-party content, labor and materials; (c) impact of duties, tariffs, and other government actions; and (d) any other circumstances that increase Honeywell's costs, including, without limitation, increases in freight, labor, material or component costs, and increased costs due to inflation (collectively, "Economic Surcharges").</p> <p>Honeywell will invoice Buyer, through a revised or separate invoice, and Buyer agrees to pay for the Economic Surcharges pursuant to the standard payment terms in this Agreement. If a dispute arises with respect to Economic Surcharges, and that dispute remains open for more than fifteen (15) days, Honeywell may, in its sole discretion, withhold performance and future shipments or combine any other rights and remedies as may be provided under this Agreement or permitted by law until the dispute is resolved.</p> <p>The terms of this section shall prevail in the event of inconsistency with any other terms in this Agreement. Any Economic Surcharges, as well as the timing, effectiveness, and method of determination thereof, will be separate from and in addition to any changes to pricing that are affected by any other provisions in this Agreement.</p>	No change, As per RFP
381	Storage (For Applications). Specifications not published in the RFP Queries as per other Vishwas RFP	Storage solution should comprise of Active-Active Load Balancing Storage Controllers with 64GB Cache from day one and the storage solution should be scalable up to 128GB Cache.	<p>Modification : Storage solution should comprise of Active-Active Load Balancing Storage Controllers with 128GB Cache or higher from day one.</p> <p>Justification : Current specifications are OEM specific. Moreover cache memory on controllers is fixed and can not be upgraded by adding DIMMS unlike servers. Hence we request GIL to amend the clause as requested to enable other leading OEMs to participate in the RFP and offer competitive solution. Please note that Project like Nirbhaya have been asked and supplied with 384GB cache memory balanced architecture with latest generation of controller CPUs that can handle large capacities, while addressing the performance needs.</p> <p>Suggestion:- We also suggest to please ask for minimum 192GB Cache across controllers as the asked 64GB cache is very less considering the modern application workloads and required performance needs.</p>	Please see the changes in the revised bid document.

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382	Storage (For Applications). Specifications not published in the RFP Queries as per other Vishwas RFP	Disks should be minimum of 3.2 TB SAS Drive	Modification : Disk should be minimum of 1.8TB SAS drives. Justification : The SAS drive density minimum is 1.8TB and not 3.2TB, we request GIL to amend the clause as SAS drives are not available in 3.2TB capacity.	Please see the changes in the revised bid document.
383	Storage (For Applications). Specifications not published in the RFP Queries as per other Vishwas RFP	Modular design to support controllers and disk drives expansion	Modification : The storage should be upgradeable by adding disk drives with expansion enclosure. Justification : Current specification are OEM specific. We request GIL to amend the clause as requested , so that other leading OEMS can participate and offer competitive solution.	Please see the changes in the revised bid document.
384	Storage (For Applications). Specifications not published in the RFP Queries as per other Vishwas RFP	The controllers / Storage nodes should be upgradable to 2 controller minimum without any disruptions / downtime	Modification : The controllers / Storage nodes should be upgradable to 2 controller minimum without any disruptions / downtime. Justification : Current Specifications are OEM specific and restricting other OEM to participate. The asked capacities under this project can very well be served using 2 controllers and does not require additional 2 controllers as stated. The large projects like Nirbhaya being implemented has capacities raging up to 3PB usable capacities are being served from 2 controller architecture successfully.	Please see the changes in the revised bid document.
385	Storage (for Video's). Specifications not published in the RFP Queries as per other Vishwas RFP	Storage solution should comprise of Active-Active Load Balancing Storage Controllers with 64GB cache from day one and the storage solution should be scalable up to 128GB.	Modification : Storage solution should comprise of Active-Active Load Balancing Storage Controllers with 128GB Cache or higher from day one. Justification : Current specifications are OEM specific. Moreover cache memory on controllers is fixed and can not be upgraded by adding DIMMS unlike servers. Hence we request GIL to amend the clause as requested to enable other leading OEMs to participate in the RFP and offer competitive solution. Please note that Project like Nirbhaya have been asked and supplied with 384GB cache memory balanced architecture with latest generation of controller CPUs that can handle large capacities, while addressing the performance needs. Suggestion:- We also suggest to please ask for minimum 192GB Cache across controllers as the asked 64GB cache is very less considering the modern application workloads and required performance needs.	No change, As per RFP
386	Storage (for Video's). Specifications not published in the RFP Queries as per other Vishwas RFP	Modular design to support controllers and disk drives expansion	Modification : The storage should be upgradeable by adding disk drives with expansion enclosure. Justification : Current specification are OEM specific. We request GIL to amend the clause as requested , so that other leading OEMS can participate and offer competitive solution.	No change, As per RFP
387	Storage (for Video's). Specifications not published in the RFP Queries as per other Vishwas RFP	The solution should allow to transfer and store the data, on need basis, to any other storage irrespective of Make/Model across LAN/WAN within the state.	We request to remove this clause from storage as this is more relevant to overall solution being designed.	No change, As per RFP
388	4.14	5. Should support protocols like MSTP, STP, RSTP, dot1q VLAN-tagging, LACP, NTP, RFC 5171 or equivalent standards, sflow/netflow/jflow	NTP is the protocol to provide the clock/sync time to the switch via using NTP server. Same functionality can be achieved by using SNTP protocol. We request to allow SNTP as well and amend the clause as " Should support protocols like MSTP, STP, RSTP, dot1q VLAN-tagging, LACP, NTP/SNTP, RFC 5171 or equivalent standards, sflow/netflow/jflow ". Kindly confirm.	Please see the changes in the revised bid document.
389	4.14	8. Should support minimum 10K multicast groups	Considering the surveillance application and different type of cameras. The network shall be segmented on few vlans and shall be monitored by local police stations, Netrams (District level) and Trinetra (State level). Mentioned scale of 10K multicast group is exhaustive and doesn't have practical replication in network. we request to make it low and amend the clause as " Should support minimum 4K multicast groups ".	Please see the changes in the revised bid document.

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390	4.14	11. Should be NDPP or EAL3 certified at the time of Bidding	EAL3/Network Devices Protection Profile (NDPP) defines the baseline Security Functional Requirements (SFRs) and Security Assurance Requirements (SARs) for network infrastructure devices. Both EAL3/NDPP both are foreign certifications and restrictive for domestic OEMs. We request to allow VAPT or TSEC report as equivalent and please amend the clause as "Should be NDPP or EAL3 certified or VAPT assessment report /TSEC certificate at the time of Bidding" .	Please see the changes in the revised bid document.
391	4.15	5. Should support protocols like MSTP, STP, RSTP, dot1q VLAN-tagging, LACP, NTP, RFC 5171 or equivalent standards, sflow/netflow/jflow	NTP is the protocol to provide the clock/sync time to the switch via using NTP server. Same functionality can be achieved by using SNTP protocol. We request to allow SNTP as well and amend the clause as "Should support protocols like MSTP, STP, RSTP, dot1q VLAN-tagging, LACP, NTP/SNTP, RFC 5171 or equivalent standards, sflow/netflow/jflow" . Kindly confirm.	Please see the changes in the revised bid document.
392	4.15	10. Should be NDPP or EAL3 certified at the time of Bidding	EAL3/Network Devices Protection Profile (NDPP) defines the baseline Security Functional Requirements (SFRs) and Security Assurance Requirements (SARs) for network infrastructure devices. Both EAL3/NDPP both are foreign certifications and restrictive for domestic OEMs. We request to allow VAPT or TSEC report as equivalent and please amend the clause as "Should be NDPP or EAL3 certified or VAPT assessment report /TSEC certificate at the time of Bidding" .	Please see the changes in the revised bid document.
393	4.16	16. Should support required stacking	Physical Stacking is the feature to provide the single management plane across multiple switch via dedicated stacking port at same location. We understand 8 port PoE switch shall provide connectivity to cameras over private IP. Considering surveillance deployment scenario, where at same location more than 8 cameras shall not be installed on single switch and doesn't have any stacking practical replications. We request to delete the clause.	Please see the changes in the revised bid document.
394	4.16	20. Switch should have minimum 2 GB RAM	Every OEM has its own design implementation of putting OS on its hardware and resource allocation for protocols. Mention of RAM sizing here is favors the foreign OEM and restrict the participation of domestic OEMs. We request to make it generic by amending the clause as "Switch should have minimum 1 GB RAM "	Please see the changes in the revised bid document.
395	Annexure-C	1. Managed L3 Switch: Required Port from Day 1 24 Port: 12 X10 G (Multi-Mode SFP) + 12 X1 G	Our understanding is the mentioned switch shall provide the connectivity at NETRAMs locations and considering the deployment architecture having 12x10G along with 12x1G ports is over subscribed. Mentioned port density is OEM specific implementation. we request amend the clause to allow domestic OEM to participate . Managed L3 Switch: Required Port from Day 1 24 Port: 8 X10 G (Multi-Mode SFP) with breakout cable + 12 X1 G SFP	Please see the changes in the revised bid document.
396	Annexure-C	2. Managed L3 Switch: Required Port from Day 1 48 Port: 12 X 10G (Multi-Mode SFP)+ 36 X 1G	Our understanding is the mentioned switch shall provide the connectivity at NETRAMs locations and considering the deployment architecture having 12x10G along with 36x1G ports is over subscribed. Mentioned port density is OEM specific implementation. we request amend the clause to allow domestic OEM to participate . Managed L3 Switch: Required Port from Day 1 48 Port: 8 X10 G (Multi-Mode SFP) with breakout cable + 36 X1 G SFP	Please see the changes in the revised bid document.
397	New addition	Switch should support continuous/Persistent PoE feature.	Surveillance is a mission critical application whereby continuous monitoring through CCTV is a mandatory requirement. It is envisaged to monitor every thing without missing even a single event. Continuous PoE feature allows the switch to deliver power to the connected camera even in the event of switch reboot thereby ensuring non-interrupted video surveillance. Hence in view of the criticality of the application, it is recommended to incorporate the suggested clause "Switch should support continuous/Persistent PoE feature" .	No change, As per RFP
398	New addition	Switch should support lower power consumption Less than 14W on no PoE load	We would like to bring to your notice that the requirement is very critical as it has a direct implication on project cost. Low power consumption of any active element is a key factor in optimization of opex. Latest and enhanced hardware are available today with lower power consumption. Even in recent project of similar size and scale wherein the power consumption limit was 14W to optimize the Opex. In view of above, it is recommended to incorporate the suggested clause "Switch should support lower power consumption Less than 14W on no PoE load" .	No change, As per RFP

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399	New addition	Switch should support IP30 rating	We understand the switches shall be install at outdoor location with harsh climatic conditions. As per industry practices such type of switches should have IP30 enclosure rating to avoid dust particle to damage the device. We request and it is recommended to incorporate the suggested clause "Switch should support IP30 rating" .	No change, As per RFP
400	New addition		As per LAND Boarder Policy OEM Should not use any kind of chipset from Hi Silicon	No change, As per RFP
401	Point no 9	OEMs of proposed equipment/components should have their own registered office in India as per the prevalent/ applicable laws of India and be in operation in India for the last five years as on the bid issuance date. - Registered offices by way of Joint ventures, Franchise, agency, distribution partners will not be considered.	Under Make in India initiatives, many foreign OEMs collaborate with Indian companies and start their business in India in the last 3-4 years. So we hereby suggest that, please remove this clause and make it OEM should be experienced in manufacturing CCTV products from the last five years in India /Globally.	No change as per RFP
402		To get Quality product	OEMs of CCTV (to be supplied for this tender) must ensure that all the models of IP Camera shall have security features which can be deployed meeting the security assurance requirements as per Annexure 1. Purchaser may depute one representative along with a person from CERT-IN approved STQC lab for testing of "source code" of firmware of camera for vulnerabilities etc. at the premises of the OEMs as per Annexure 1 before the supply at bidders cost. Proof of which country the "Source Code" resides is to be provided by OEM.	No change, As per RFP
403		To get Quality product	MTBF (Meantime between failure of the product should be 1, 00,000 hrs at 40 degree centigrade. Software generated lab reports need to be submitted.	No change, As per RFP
404		OEMs of proposed equipment/components should have their own registered office in India as per the prevalent/ applicable laws of India and be in operation in India for last five years as on the bid issuance date. Registered offices by way of Joint ventures, Franchise, agency, distribution partners will not be considered. a.) OEMs for networking devices at aggregation layer and data centre layer should be in Leader/challenger quadrants of the latest Gartner's Magic Quadrant for data centre networking. or OEM of quoted Switch should be qualified as Make in India as per public procurement (Preference to Make in India) order 2017 & its revision issued time by time. As per GR, quoted Switch should have 60% domestic value addition in terms of Bill of Material to qualify as domestically manufactured. AND The Manufacturer of the Network switch should have installation base of 1500 nos. of Managed/PoE switches in India. b.) OEM for other networking equipment's should be in the top Five positions in terms of market share in India as per latest available IDC report or should be present in latest Gartner magic Quadrant. or OEM of quoted Switch should be qualified as Make in India as per public procurement (Preference to Make in India) order 2017 & its revision issued time by time. As per GR, quoted Switch should have 60% domestic value addition in terms of Bill of Material to qualify as domestically manufactured. AND The Manufacturer of the Network switch should have installation base of 1500 nos. of Managed/PoE switches in India. c.) OEM for storage and servers should be from companies featuring in Gartner magic quadrant in leadership position. or	OEMs of proposed equipment/components should have their own registered office in India as per the prevalent/ applicable laws of India and be in operation in India for last five years as on the bid issuance date. Registered offices by way of Joint ventures, Franchise, agency, distribution partners will not be considered. a.) OEMs for networking devices at aggregation layer and data centre layer should be in Leader/challenger quadrants of the latest Gartner's Magic Quadrant for data centre networking. or OEM of quoted Switch should be qualified as Make in India as per public procurement (Preference to Make in India) order 2017 & its revision issued time by time. As per GR, quoted Switch should have 50% or higher domestic value addition in terms of Bill of Material complying to Class-I of Make India guidelines to qualify as domestically manufactured. AND The Manufacturer of the Network switch should have installation base of 1500 nos. of Managed/PoE switches in India. b.) OEM for other networking equipment's should be in the top Five positions in terms of market share in India as per latest available IDC report or should be present in latest Gartner magic Quadrant. or OEM of quoted Switch should be qualified as Make in India as per public procurement (Preference to Make in India) order 2017 & its revision issued time by time. As per GR, quoted Switch should have 50% domestic value addition in terms of Bill of Material complying to Class-I of Make India guidelines to qualify as domestically manufactured. AND The Manufacturer of the Network switch should have installation base of 1500 nos. of Managed/PoE switches in India. c.) OEM for storage and servers should be from companies featuring in Gartner magic quadrant in leadership position. or OEM of quoted server should be qualified as Make in India as per public procurement (Preference to Make in India) order 2017 & its revision issued time by time. As per GR, quoted server should have 20% domestic value addition in terms of Bill of Material complying to Class-II of Make India guidelines to qualify as domestically manufactured. AND The Manufacturer of the Server should have installation base of 1500 nos. of Server in India.	No change, As per RFP
405		Reverse Auction	We request you to please replace the Reverse Auction process with Least Cost Bid (L-1) Selection Process	Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
406		Integration with existing Phase-1 VISWAS Project	We request you to please provide the details of existing setup (complete OEM and service providers details) as it will help us in providing the best possible technical proposal	Please see the changes in the revised bid document.
407	2.3 Eligibility Criteria	Bidder should be an established IT /Telecom/Security Surveillance Solutions System Integrator and should have been engaged in setting-up and Operations & Maintenance Services of Network (Active or Passive) and Data Centres for a period of at least five years as on bid issuance date.	In reference to this clause we understand the Bidder who is an established System Integrator and should have been engaged in setting-up and Operations & Maintenance Services of Network (Active or Passive) / E-governance project / Data Centres for a period of at least five years as on bid issuance date.	No change, As per RFP
408	2.3 Eligibility Criteria	<p>In case bidder want to quote for any one cluster then bidder should have the minimum average annual financial turnover of Rs. 75 crore during the last three financial years (2018- 19, 2019-20 and 2020-21).</p> <p>In case bidder want to quote for any two clusters then bidder should have the minimum average annual financial turnover of Rs. 150 crores during the last three financial years (2018- 19, 2019-20 and 2020-21).</p> <p>In case bidder want to quote for all three clusters then, bidder should have the minimum average annual financial turnover of Rs. 225 crore during the last three financial years (2018- 19, 2019-20 and 2020-21).</p> <p>Note: a. The average annual Turnover in any of the 3 out of last 4 financial years (FY 2017-18, 2018-19, 2019-20 and 2020- 21) will be considered. b. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.</p>	<p>In reference to the turnover criteria we request to kindly relax the turnover criteria so as small/medium level enterprises can take part in this tender. We request to relax the turnover criteria for any one cluster and amend the clause as below:</p> <p>In case bidder wants to quote for any one cluster then bidder should have the minimum average annual financial turnover of Rs. 45 crore during the last three financial years (2018- 19, 2019-20 and 2020-21).</p>	No change, As per RFP
409	2.3 Eligibility Criteria	General Eligibility Clause	In reference to the eligibility criteria we request to please allow consortium of maximum 2 member including lead bidder.	No change, As per RFP
410	2.3 Eligibility Criteria Note:	(iv) The MAF is required for Routers, Switches, Storage, Servers etc. being supplied under this project.	With reference to Price Bid all mentioned IT component such as Router & servers are not part of this RFP BOM, hence we request you to kindly share updated list of component for which MAF is required as per current RFP components.	Please see the changes in the revised bid document.
411	2.3 Eligibility Criteria & 3.2.2 General Obligation of the System Integrator	<p>Note: (iii) All the proposed equipment should not be declared End-of-Support by the OEMs for next 7 years and should not be end of production for next one year from the date of bid submission.</p> <p>& q. OEM Support: c. All the proposed equipment should not be declared End-of-Support by the OEMs for next 7 years and should not be end of production for next two year from the date of bid submission.</p>	It has been observed ambiguity in both clauses mentioned for OEM products "End of Production" time i.e. one year or two year. Kindly clarify	Please see the changes in the revised bid document.

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412	3.2 Scope of Work for the VISWAS Phase-II:	1.5 It is proposed to increase the Storage requirement at respective NETRAMs based on the camera count as per the site survey.	We request you to please share precise details of existing storage capacity, Make & Model, functional status, End of Life & OEM warranty support is available for all NETRAMs storage for another 5 years after project go live. This will help to design the compatible solution for storage expansion requirement.	Please see the changes in the revised bid document.
413	3.2 Scope of Work for the VISWAS Phase-II:	1.6 It is proposed to merger & acquisition of CSITMS project with VISWAS Project by buy-back of the IT & Non-IT equipment installed in this project in addition to provide O&M and AMC support once the contract of existing agency over in near future.	At one point the clause is asking for a buy back of existing IT & Non-IT on the other side in a same statement it is also expected from successful bidder to provide O&M and AMC for same. Kindly clarify the same for better understanding	Please see the changes in the revised bid document.
414	3.2 Scope of Work for the VISWAS Phase-II:	5. Enterprise Management System (EMS): The successful BIDDER needs to integrate with existing EMS solution (including NMS, Helpdesk & Operational Management tools etc.) for better operational visibility & effective management.	We request you kindly share precise Make & Model of existing EMS, Helpdesk & Operational Management tools etc to avoid any compatibility issues in offered solutions.	Please see the changes in the revised bid document.
415	3.2.1 Supply Installation testing & Commissioning and Integration:	Bidder is responsible for integration of their CCTV feeds into the existing VMS solution of VISWAS Phase-1 at respective NETRAM such that there shall be a single Unified system for the entire state. Bidder is also responsible for the integration of cameras with existing Software/Applications like Speed Detection, Automatic Number Plate Recognition (ANPR), Red Light Violation Detection (RLVD), Enterprise Management System (EMS) etc. The details of the existing system are provided as per Annexure-B and Annexure-G.	Annexure-G is missing in this RFP. We request you to kindly share.	Please see the changes in the revised bid document.
416	3.2.1 Supply Installation testing & Commissioning and Integration:	The licenses required for integration of the CCTV feeds into the existing VMS, ITMS system shall be procured by the TENDERER.	We believe that all required software licenses like VMS, ITMS and associated OS & DB licenses required for software will be procured by Department. Kindly confirm.	No change, As per RFP
417	3.2.2 General Obligation of the System Integrator	k. For the client end application support, bidder will provision and supply necessary hardware plus computing power that will be good for camera feeds that will be four times of what is being installed at end points. Storage will be as per the capacity indicated with provision for addition of extra storage disks only to take storage capacity to double of what is being asked.	1. No server/computing hardware is asked in BoQ line item hence we request you to kindly clarify what is to be meant by "bidder will provision and supply necessary hardware plus computing power". 2. To design the solution in a better manner and cost estimation we request you to kindly share precise Make & Model of existing storage along with storage expansion capability.	Please see the changes in the revised bid document.
418	3.2.2 General Obligation of the System Integrator	aa. The Successful Bidder of the Cluster under the scope of work will be responsible for integrating the infrastructure that is part of scope of this tender with the existing applications of Govt. of Gujarat such as e-Gujcop, Vahan, Sarthi, Smart City projects and VISWAS Phase I for leveraging the VISWAS Infrastructure deployed as per RFP.	The BoQ includes only hardware portion and no software applications to be provided by bidder like VMS, ITMS, EMS / NMS etc under this RFP scope. We assume that all existing applications mentioned in RFP are already installed & integrated with existing GoG applications mentioned here if anything to be integrated then we request you to provide specific integration requirement for scope clarity.	Please see the changes in the revised bid document.

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419	3.2.8 Best Practices to be implemented by the successful bidder:	<p>a. Security: Physical security as well as protection of all equipment's from hackers and other threats, unauthorized access etc. for the edge and central level devices.</p> <p>b. Network Security: including design, policies and practices adopted to prevent and monitor unauthorized access, misuse, modification, or denial of a computer network and network accessible resources, separation of camera and server network etc.</p> <p>c. Identity and Access Management: including user identification, authentication, authorization, Access Control, Administration, Audit, SSL & Digital Signatures for systems and support for industry standard protocols for systems developed under the scope of work. The solution should support advanced user authentication mechanisms including Network access control and necessary access policies.</p> <p>d. Secured data storage for (storage of video/image/voice/location etc.)</p> <p>e. User/administrator audit log activity (logon, user creation, date-time of access, system logs etc.)</p>	<p>Since the Control Room Operation seems to be handled by a separate agency hence as the physical security should be in the scope of a third-party agency that is running the control room.</p> <p>Regarding Network connectivity, Existing camera Video storage, Existing Applications (VMS, ITMS, NMS/EMS etc), Identity and Access management, Application Software etc not a part of current RFP BoQ and already implemented. Hence we request you to amend the clause appropriately for better clarity of bidder's scope.</p>	Please see the changes in the revised bid document.
420	5.22 Award of Contract	5.22.2 TENDERER will have the option to increase (as per solution requirement) or decrease (to any extent) the quantities of equipment/material to be supplied by the Bidder on this Project. The change in scope of work (increase / decrease) will be governed by the Change Control Schedule mentioned in Volume I and II of the RFP.	We do not find any specific document as named as Volume I & II it seems to be typo error please clarify.	Please see the changes in the revised bid document.
421	Bid Details	Time allowed for Technical Clarifications during technical evaluation: 2 Days	Since this is a turnkey solution and involves multiple OEM technology solutions having HO at other countries too and may take time to respond. Hence requesting you to allow at least 5 working days to respond to queries.	No change, As per RFP
422	4.11 Camera Type C: PTZ	Focal Length: 5 to 150mm or Better	<p>Justification: 5 mm to 150 mm, 30x Optical Zoom is required as per the tender conditions but all the Camera OEMS uses different lens sizes to meet this optical Zoom, so we request you to accept different lens that meet the functional requirement of 30 X optical Zoom.</p> <p>Amendment Requested: 5-150 (±15%) mm or Better</p>	(The minimum required optical zoom is 30 X). "Lower end of focal from 4.3 mm to 5 mm will be allowed. The higher end of the focal length from 129 mm to 150 mm will be allowed

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
423	4.9 Camera Type A (Box Cameras for ANPR & Speed Detection) 4.10 Camera Type B (Box Camera for Surveillance)	Focus: Automatic and Manual both	<p>Justification: Box Camera comes with C/Cs Mount Lens and supports the feature of Auto Back focus and Auto Focus is the feature of Varfical Motorized Bullet Camera, As in Box camera, lens and Image sensors are 2 different parts and we need to set the focal length Manually and then use the option of Auto-back focus from the GUI interface which will cover the distance between the Image Sensors and the Lens to focus the object when lens in its initial stage or maximum stage. So request you to consider Auto back focus option as Auto focus in BOX Camera is technically incorrect. Please amend the clause as Auto back focus.</p> <p>Amendment Requested: Auto Back Focus: Yes</p>	Please see the changes in the revised bid document.
424	OEM Eligibility Criteria	Request To Add	<p>Justification: To ensure the company has made serious investment in India and has capabilities to deliver such critical projects.</p> <p>Request to add: CCTV OEM should be active company and should have direct presence in India from last ten years (not as joint venture, partnership firms or through any other association) & manufacturing in India since last Five years (not as joint venture, partnership firms or through any other association) (3rd Party Manufacturing not allowed) and Foreign CCTV OEM should have manufacturing unit globally from last 10 Years at the time of bidding. Documentary evidence should be submitted</p>	No change, As per RFP
425	OEM Eligibility Criteria	Request To Add	<p>Justification: As per the Office Memorandum issued by DPIIT Dated: 8th Feb 2021, for Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs) 2017, any Company/Bidder/OEM from a country that shares the land border with India will be eligible to bid in any procurement whether of goods, services or works only if the Company/Bidder/OEM is registered with the Competent Authority, So request you to add this clause in the tender document to restrict participation from such companies who shares land border with India , as they are security threats for National Security.</p> <p>Request to add: Bidder shall ensure compliance to the Office Memorandum for insertion of Rule 144 (xi) in the General Finance Rules (GFR)-2017 bearing reference number F.No. 6/18/2019 PPD dated 23 July 2020 or latest, by the Public Procurement Division, Department of Expenditure, Ministry of Finance. Non- compliant bid(s) will be summarily rejected. The OEM should not have any common directors who are also on the board of companies having beneficiaries from land border countries.</p>	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
426	OEM Eligibility Criteria	Request To Add	<p>Justification: H.264/H.265 Video Compression are Patent technologies to ensure that CCTV OEMs provide license based products as required for government projects.</p> <p>Request to add: The camera OEM Should be a genuine manufacturer and should be an official valid H.265 HEVC Certificate and should be listed on HEVC website at the time of submitting bid. They should be paying the licensed fee for using the genuine HVEC Compression legally. The same will be verified at the time of bidding.</p>	No change, As per RFP
427	OEM Eligibility Criteria	Request To Add	<p>Justification: To ensure the company has made serious investment in India and has capabilities to deliver such critical projects.</p> <p>Request to add: Indian CCTV OEM should have a minimum cumulative turnover of INR 250 Crores in last 3 financial years ending March 2022. (i.e. current year and two previous financial years) and for foreign CCTV OEM should have a minimum cumulative turnover of INR 500 Crores in last 3 financial years ending march 2022 the date of opening of tender.</p>	No change, As per RFP
428	4.11 Camera Type C: PTZ	<p>Certification: CE/EN/Equivalent Indian Standards, FCC/Equivalent Indian Standards, ETL/UL/Equivalent Indian Standards, IEC/BIS/Equivalent Indian Standards certified at the time of bidding</p>	<p>Justification: In certification you have mentioned ETL/UL/Equivalent Indian Standards and IEC/BIS/Equivalent Indian Standards, But As per the DPIIT OM Dated 23/03/2022, BIS is the equivalent indian certificate for UL, So as per our understanding CE, FCC, and BIS Certificate will full fill the requirement of the RFP , Please clarify.</p> <p>Request to add: Certification: CE/EN/Equivalent Indian Standards, FCC/Equivalent Indian Standards, ETL/UL/IEC/BIS/Equivalent Indian Standards certified at the time of bidding</p>	Please see the changes in the revised bid document.
429	OEM for other networking equipment's should be in the top Five positions in terms of market share in India as per latest available IDC report or should be present in latest Gartner magic Quadrant.	Same type of report or standing should be extended for Camera through equivalent agency -OMIDIA/IHS/IMS etc.	For ensuring quality and proven Camera OEMs are considered, we request the TENDERER to consider and include this clause in the tender.	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
430	3.2 Scope of Work for the VISWAS Phase-II Important points related to scope of VISWAS Phase-II Point No. 1.2	In all 51 new cities, 80 Inter-State Entry/Exit points CCTV Camera junctions will be connected to existing 34 NETRAM (District Command & Control Center) for storage, Viewing and Controlling of Video feed. In addition to that, we have proposed to create local viewing facility with workstation at one designated police station of respective cities. Since, Existing civil infrastructure will be utilized, Hence, no need to create any civil infrastructure.	Additional Licences of CCC are to be considered as a part of the project. For Live Viewing, Playback & Alert Monitoring. The existing Incident Management Platform licenses used in Phase-1 need to be extended and to be added in BOQ	No change, As per RFP
431	3.2 Scope of Work for the VISWAS Phase-II Important points related to scope of VISWAS Phase-II Point No.3	Video Management System (VMS): It is proposed to use the existing VMS software to avoid multiple silos and for a smooth user experience. Tenderer will provide the required VMS software along with the VMS licences and successful bidder of this RFP needs to use the same for camera discovery and maintenance for 5 years.	Additional Licences of CCC are to be considered as a part of the project. For Live Viewing, Playback & Alert Monitoring. The existing Incident Management Platform licenses used in Phase-1 need to be extended and to be added in BOQ	No change, As per RFP
432	3.2.1 Supply Installation testing & Commissioning and Integration: Point No.3	The licenses required for integration of the CCTV feeds into the existing VMS, ITMS system shall be procured by the TENDERER. It will be responsibility of the bidder to consume these licenses to ensure that the feeds of the camera are visible into the existing VMS & ITMS solution. It will be responsibility of the bidder to consume these licenses to ensure all the network devices should be available and able to generate various reports from existing EMS solution.	Additional Licences of CCC are to be considered as a part of the project. For Live Viewing, Playback & Alert Monitoring. The existing Incident Management Platform licenses used in Phase-1 need to be extended and to be added in BOQ	No change, As per RFP
433	Storage (Applications)	Solution should be IP Based/iSCSI/FC/FCOE/NFS/CIFS	"Every OEM has different approach in designing a solution. IBM does not recommend running NAS and SAN protocol through the same pair of controllers as it may cause a performance bottleneck for critical workloads. Therefore request you to keep file workloads on separate storage and remove the file access requirement from this clause. IBM has a software-defined approach for addressing File access requirements requiring solution deployment using additional x-86 nodes and capacity-based software licenses. if you have a file requirement part of this solution, the request is to help us with usable capacity for files this will help us configure required licenses"	Storage (Application) is not in scope of the bidder under this RFP. Please see the changes in the revised bid document.
434	Storage (Applications)	Solution should be Unified Storage supporting block and File (FC,iSCSI, CIFS, NFS, SMB protocols)	"Every OEM has different approach in designing a solution. IBM does not recommend running NAS and SAN protocol through the same pair of controllers as it may cause a performance bottleneck for critical workloads. Therefore request you to keep file workloads on separate storage and remove the file access requirement from this clause. IBM has a software-defined approach for addressing File access requirements requiring solution deployment using additional x-86 nodes and capacity-based software licenses. if you have a file requirement part of this solution, the request is to help us with usable capacity for files this will help us configure required licenses"	Storage (Application) is not in scope of the bidder under this RFP. Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
435	Storage (Applications)	Storage Capacity :5 TB Useable (in RAID 5 Configuration) for each City Control Centre and 10 TB (in RAID 5 Configuration) for State Centre	Please clarify overall capacity requirements? IBM flash System Storage supports latest DRAID technology which provides faster rebuild time and all the drives in DRAID contribute to performance. Currently supported Distributed RAID 1, 5 and 6	Storage (Application) is not in scope of the bidder under this RFP. Please see the changes in the revised bid document.
436	Storage (Applications)	Storage solution should comprise of Active-Active Load Balancing Storage Controllers with 64GB Cache from day one and the storage solution should be scalable up to 128GB Cache.	Video files doesn't require higher cache, as these are sequeantil files. Therefore we request you to allow us bidding with 64GB cache	Storage (Application) is not in scope of the bidder under this RFP. Please see the changes in the revised bid document.
437	Storage (Applications)	The controllers / Storage nodes should be upgradable to 2 controller minimum without any disruptions / downtime	By default, Our block storage comes with Active-Active dual controller	Storage (Application) is not in scope of the bidder under this RFP. Please see the changes in the revised bid document.
438	Storage (Applications)	The storage should have no single point of failure on components like controllers, disks, ache memory, I/O Ports, Power supply, Fan, etc.	Software/Firmware upgrades will be Non Disruptive to hosts/application. However, code commit might require failover/fail back as well as reboot. We recommend to plan upgrade activity during off production hours. Therefore requesting to modify this clause to allow wider participation.	Storage (Application) is not in scope of the bidder under this RFP. Please see the changes in the revised bid document.
439		SAN Switch : May be proposed as per the solution requirement Compatible with the Storage	Need clarity	Storage (Application) is not in scope of the bidder under this RFP. Please see the changes in the revised bid document.
440	Storage (Videos)	The Storage capacity mentioned is the Usable capacity in RAID 6 Configuration. The	"IBM flash System Storage supports latest DRAID technology which provides faster rebuild time and all the drives in DRAID contribute to performance. Currently supported Distributed RAID 1, 5 and 6"	No change, As per RFP
441	Storage (Videos)	Storage solution should comprise of Active-Active Load Balancing Storage Controllers with 64GB cache from day one and the storage solution should be scalable up to 128GB.	Video files doesn't require higher cache, as these are sequeantil files. Therefore we request you to allow us bidding with 64GB cache	No change, As per RFP
442	2.3 Eligibility Criteria	OEMs for networking devices at aggregation layer and data centre layer should be in Leader/challenger quadrants of the latest Gartner's Magic Quadrant for data centre networking. or OEM of quoted Switch should be qualified as Make in India as per public procurement (Preference to Make in India) order 2017 & its revision issued time by time. As per GR, quoted Switch should have 60% domestic value addition in terms of Bill of Material to qualify as domestically manufactured.	Kindly clarify if the GIS OEM with Class II (20% to 50% domestic value addition) is also eligible to participate.	No change, As per RFP
443	Format III – Authorization Letter from Original Equipment Manufacturer (OEM)	b. The service support will be provided onsite and will not be charged extra.	As the current RfP includes many components and so we request to remove clause for Onsite support from MAF.	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
444	3.2.2	The Successful Bidder shall be responsible to Integrate equipments procured under this RFP with existing state (TRINETRA) and city level (NETRAM) command and control centre as per the scope of work including necessary software and Hardware.	GIS based Command & Control Centre will help in analysing the non-spatial and spatial data to arrive in decision making	No change, As per RFP
445	3.2.3 City Surveillance System		GIS based dashboard will help in managing the live feeds from cameras along with location other details and data can be interated	No change, As per RFP
446	3.2.4 Integrated Traffic Management System	3.2.4.1 Existing Speed Detection System of VISWAS Phase-I 3.2.4.3 Existing Red Light Violation Detection System	GIS can be integrated with the System in tracking of suspected vehicles or vehicles jumping the signals or over speeding through interactive mapping and integrating with CCTV	No change, As per RFP
447	3.2.6 Integration with Centralized Helpdesk		Integration of GIS with the Help desk with locational data will help the team in providing timely help	No change, As per RFP
448	3.2.8 Best Practices to be implemented by the successful bidder		GIS based real-time traffic mapping, you can have a single integrated map view of your data—traffic, weather, incident, congestion, and construction to get the most comprehensive view of your road and highway operations. These capabilities can be used in your traffic management center and help inform the public of current road conditions in real time	No change, As per RFP
449	Bid Submission extension	Kindly refer to the above subject RFP which is currently due on 23/11/2022.	ITI is keen to address the subject opportunity.We are in the process of arranging the required documents and inputs from our OEMs/ Partners. Hence bid preparation is taking some more time. Since the tender is due on 21st November 2022, in order to facilitate the bid preparation and submit the bid, we request you to kindly extend the tender submission date by 3 to 4 weeks from 23rd November 2022.	The last date of bid submission will be as per GeM bid date
450		16. Should support required stacking	Request you to please remove this clause as Stacking would not be needed on outdoor 8 port switches. Stacking is an Enterprise grade feature required on switches mounted in racks. Hence requesting for wider OEM participation.	Please see the changes in the revised bid document.
451		19. Switch must support VRRP, PBR features from Day1	VRRP & PBR arer Layer 3 features where as this a Layer 2 switch. Please remove this point.	Please see the changes in the revised bid document.
452		Please add	IEC 60068-2-27 (operational shock, 50G, 3ms, half sine) - This is very important parameter for outdorr switches and across worldwide oregonizatonn consider this parameter for outdoor installation	No change, As per RFP
453		Please add	Switch should IP30 and NEMA-TS certified - This is very important parameter for outdorr switches and across worldwide oregonizatonn consider this parameter for outdoor installation	No change, As per RFP
454		8. Should support minimum 10K multicast groups	Request to change it as" Should support minimum 1024 multicast groups" for wider OEM participation. 10K multicast groups on very higher side.	Please see the changes in the revised bid document.
455		16. Switch should support required stacking	Request to change it as" Switch should support required stacking with atleast 80Gbps stack bandwidth and stacking port should be dedicate port not uplink port"	Please see the changes in the revised bid document.
456		17. Switch should support IPv4 routes or static routes	Request to change it as" Switch should support IPv4 & IPv6 routes, VXLAN and IEEE802.1AE (MACSec) protocol.	Please see the changes in the revised bid document.
457		Request to add	Switch shall suport atleast 16K sflow/netflow/jflow/xflow entries	Please see the changes in the revised bid document.
458		Request to add	Switch shall have atleast 4x1G SFP uplink port and 56Gbps switching throughput.	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
459		All the proposed equipment should not be declared End-of-Support by the OEMs for next 7 years and should not be end of production for next one year from the date of bid submission.	Request you to amend as a "quoted product should not be declared end of sale and OEM should provide the support for 5 years" - this is required as technology is changing fast along with its base hardware	No change, As per RFP
460	Important points related to scope of VISWAS Phase-II	4. Integrated Traffic Management System (ITMS): The successful BIDDER needs to integrate with existing ITMS solution including software & Hardware for (ANPR, RLVD & SVD) for a smooth user experience.	With evolution of AI in recent years, AI & ML based software applications are undergoing continuous feature upgrades as per latest industry standards and real time analytics use cases. As per our understanding, the current versions of software applications installed at VISWAS Phase-I projects are 5-6 years old and may be lacking many advanced features currently. Integration of new cameras/ licenses with old/ existing software platform will deprive the users of all innovation in ANPR, RLVD and SVD industry in recent years. Hence, we suggest you to accept integration of older cameras and their licences for VMS, VA & ITMS with newly proposed software platforms to leverage existing camera connection licenses and advanced system & dashboard features. The SDK/APIs/technical support etc. required for integration shall be facilitated by end customer.	No change, As per RFP
461	Supply Installation testing & Commissioning and Integration:	Integration with existing systems of VISWAS Phase-1 and other legacy projects: ii. Bidder is responsible for integration of their CCTV feeds into the existing VMS solution of VISWAS Phase-1 at respective NETRAM such that there shall be a single Unified system for the entire state. Bidder is also responsible for the integration of cameras with existing Software/Applications like Speed Detection, Automatic Number Plate Recognition (ANPR), Red Light Violation Detection (RLVD), Enterprise Management System (EMS) etc.	With evolution of AI in recent years, AI & ML based software applications are undergoing continuous feature upgrades as per latest industry standards and real time analytics use cases. As per our understanding, the current versions of software applications installed at VISWAS Phase-I projects are 5-6 years old and may be lacking many advanced features currently. Integration of new cameras/ licenses with old/ existing software platform will deprive the users of all innovation in VMS, Speed Vehicle Detection(SVD), Automatic Number Plate Recognition (ANPR), Red Light Violation Detection (RLVD), Enterprise Management System (EMS) industry in recent years. Hence, we suggest you to accept integration of older cameras and their licences for VMS, SVD, ANPR, RLVD & EMS etc. with newly proposed software platforms to leverage existing camera connection licenses and advanced system & dashboard features. The SDK/APIs/technical support etc. required for integration shall be facilitated by end customer.	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
462	Existing Speed Detection System of VISWAS Phase-I	Request to add updated and latest SVD Specification as per industry standard	<p>Since the system will be use for Speed detection system and E-challan Generation in law and order situation and these components are also playing very Critical role in the RFP.Technical Specs of SVD should be incorporate. Hence, we request you to kindly incorporate updated SVD Specification as per industry standard.</p> <p>Below are the few suggestions from our end related to technical specifications of SVD specification</p> <p>1- The system shall be designed to work for 24x7 unattended operations</p> <p>2- The system should be capable of detecting violations of over-speeding by using video detection processing (locally at LPU) only and without the need for any physical sensors like induction loops, pressure sensors, IR sensors, radars, lasers, etc.</p> <p>3- ANPR camera used to do ANPR along with Vehicle Speed detection, should also be able to do- No Helmet Detection and Triple Riding Detection for two wheelers. Both the analytics software should be loaded on the local LPU.</p> <p>4- Speed detection accuracy of the system should be Certified and tested for speed accuracy from government agency/s under Central Motor Vehicle Rule (CMVR) 126 and accuracy should more than 220 km/h \pm 2%</p> <p>5- Proposed SVD (Speed Violation Detection) system should have existing deployment in min 5 projects in India.</p> <p>6- The system should be able to capture the number plate in night with the help of an external IR illuminator with Eye Safety test report/ certification from international LAB against the head light glare of the approaching vehicle and provide good performance</p> <p>7- It should be possible to upgrade analytics like "Wrong direction Movement", "Average Speed Detection" in the same set of installation.</p> <p>8- Proposed Traffic Enforcement Solution should have Certification of Security Assessment from any CERT-IN empanelled agencies. Same should be submitted along with the bid.</p>	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
463	Existing Automatic Number Plate Recognition (ANPR) System of VISWAS Phase-I:	Request to add updated and latest ANPR Specification as per industry standard	<p>We understand as a part of the project scope, existing ANPR scope specifications are not updated as per latest industry standard. Any Violators can challenge e-challan in court for un-certified svd solution. We request you to incorporate the min. specifications of ANPR system.</p> <p>Below are the few suggestions from our end related to technical specifications of ANPR specification</p> <p>1- The System should automatically detect a vehicle in the camera view using video detection and activate license plate recognition.</p> <p>2- The system shall perform OCR (optical character recognition) of the license plate characters (English alpha-numeric characters in standard fonts).</p> <p>3- The system should be able to process and read number plates of vehicles with more than 220 km/hr and above.</p> <p>4- The system should do processing locally on the LPU installed at the ANPR camera location/ junction, to avoid any time lag and performance issue due to network disconnection, bandwidth constraints, etc.</p> <p>5- The system shall detect the color of all vehicles in the camera view during daytime and label them as per the predefined list of configured system colors. The system will store the color information of each vehicle along with the license plate for each transaction in the database.</p> <p>6- System should be able to identify the make of the vehicle coming in the field of view of the camera with good accuracy.</p> <p>7- System should be able to classify the vehicle into LMV, HMTV and 2-wheelers</p> <p>8- The proposed system should have the capability to transfer the data to Central Command Center through proper encryption in real time. Proposed application for traffic violation detection system should adhere to National Cyber Security Policy to ensure that the critical information processed and stored by the proposed application</p>	No change, As per RFP
464	IT & Non-IT Infrastructure for State Wide Surveillance	<p>e. The Successful Bidder should propose a comprehensive solution for the IT infrastructure. However, below are indicative/minimum (but not limited to) list of components bidder is required provide as a part of entire solution:</p> <p>(i) Network equipment (like Routers, Switches)</p> <p>(ii) Erection of mast/poles/Gantry</p> <p>(iii) Video surveillance systems (Integration with Existing VMS)</p> <p>iv)- ITMS (Integration with Existing ANPR, Speed Detection etc. Applications)</p>	<p>With evolution of AI in recent years, AI & ML based software applications are undergoing continuous feature upgrades as per latest industry standards and real time analytics use cases.</p> <p>As per our understanding, the current versions of software applications installed at VISWAS Phase-I projects are 5-6 years old and may be lacking many advanced features currently. Integration of new cameras/ licenses with old/ existing software platform will deprive the users of all innovation in VMS, ITMS(like ANPR, RLVD, SVD etc. Applications) industry in recent years.</p> <p>Hence, we suggest you to accept integration of older cameras and their licences for VMS, ITMS (like ANPR, RLVD, SVD etc. with newly proposed software platforms to leverage existing camera connection licenses and advanced system & dashboard features.</p> <p>The SDK/APIs/technical support etc. required for integration shall be facilitated by end customer.</p>	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
465	-	Request to add Specifications of industrial grade Local Processing Unit	<p>In a ITMS project LPU plays a very crucial role and as per RFP there is no specification of LPU is mentioned.</p> <p>Therefore we request you to kindly incorporate below mentioned specification of LPU</p> <p>1- Local Processing Unit shall be of Aluminum Alloy Casing 2- Local Processing Unit shall be of min. 7th Generation with core i7 CPU 3- Memory- DDR4 2133MHz SODIMM, up to 32 GB 4- Temperature- -40°C ~ 85°C 5- Certifications- CE, FCC, BIS & MIL 810 G 6- It shall withstand vibrations as per 5 grms / 5 ~ 500Hz /in work status (SSD) 1 grms / 5 ~ 500Hz / in work status (HDD)</p>	No change, As per RFP
466	-	Request for addition OEM criteria for ITMS (ANPR, and SVD) is not mentioned in the RFP.	<p>Since the system will be used for Intelligent Traffic Management System and in law & order situation and these Smart Traffic Management components are also playing very critical role in the RFP. OEM experience with considerable lanes in the project should be incorporated. Hence, we request you to add the OEM criteria for ANPR, SVD in the RFP.</p> <p>Some OEM criteria are mentioned below for your kind perusal.</p> <p>a. OEM of proposed ANPR/ ITMS Solution should be in ANPR/ ITMS business, having its own Development, Manufacturing & Service facility in India since past 10 years, with valid Manufacturing License along with PO copies on the name of OEM brand.</p> <p>b. Intelligent Traffic Management System OEM should have completed minimum three projects each of 200 ANPR lanes/Licenses with SVD in city-wide implementation in Smart City/ ITMS projects.</p> <p>c. Proposed SVD (Speed Violation Detection) system should have existing deployment in min 5 projects in India. Proposed SVD system should have an speed measurement accuracy of more than 220 km/hr +/- 2%, tested & certified for speed accuracy from Indian government agency/s under Central Motor Vehicle Rule (CMVR) 126 like ARAI, ICAT, VRDE, GARC, etc.</p> <p>d. Intelligent Traffic Management System application including ANPR, SVD etc. & LPU shall be from same OEM for seamless integration & better compatibility of the product to avoid any hassles while depolying the setup.</p>	No change, As per RFP
467		Bidder should be a company registered under Companies Act, 1956 and should have been operating for the last five years as on bid issuance date.	With reference to Self declaration certificate towards Company being in operation for 5 year, there is no specific format of self declaration in the RFP. Therefore, request you to please provide self declaration format.	No change, As per RFP
468		The average annual Turnover in any of the 3 out of last 4 financial years (FY 2017-18, 2018-19, 2019-20 and 2020-21) will be considered.	In reference to Financial year, the said clause does not include the current financial year i.e. 2021-22. Therefore, request you to please include 2021-22 as it is the current financial year but not mentioned in the RFP.	Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
469		The bidder must have positive net worth and should be Profit making in each of the last three financial years as on 31st March, 2021	In reference to Financial year, the said clause does not include the current financial year i.e. 2021-22. Therefore, request you to please modify the clause as "The bidder must have positive net worth and should be Profit making in each of the last three financial years as on 31st March, 2022 "	Please see the changes in the revised bid document.
470		<p>In case bidder want to quote for any one cluster then, bidder should have demonstrable expertise and experience in executing at least ONE project of Network Integration / Systems Integration/Data Centre (setting up or O&M) anytime during last five years as on bid issuance date, having a minimum value of Rs. 20 crores or TWO projects having a minimum value of Rs. 10 crores each.</p> <p>In case bidder want to quote for any two clusters then, bidder should have demonstrable expertise and experience in executing at least ONE project of Network Integration / Systems Integration/Data Centre (setting up or O&M) anytime during last five years as on bid issuance date, having a minimum value of Rs. 35 crores or TWO projects having a minimum value of Rs. 18 crores each.</p> <p>In case bidder want to quote for any two clusters then, bidder should have demonstrable expertise and experience in executing at least ONE project of Network Integration / Systems Integration/Data Centre (setting up or O&M) anytime during last five years as on bid issuance date, having a minimum value of Rs. 50 crores or TWO projects having a minimum value of Rs. 25 crores each.</p> <p><u>Note: In case Bidder is a wholly owned subsidiary, the</u></p>	It seems to be a typo error highlighted. Request you to please modify the clause as "In case bidder want to quote for any three clusters then, bidder should have demonstrable expertise and experience in executing at least ONE project of Network Integration / Systems Integration/Data Centre (setting up or O&M) anytime during last five years as on bid issuance date, having a minimum value of Rs. 50 crores or TWO projects having a minimum value of Rs. 25 crores each."	Please see the changes in the revised bid document.
471		It is proposed to use existing facility of TRINETRA and NETRAM and provide city level viewing in one Police Station of respective city	Please confirm, the existing Applications/APIs code base and infra will be provided by the existing vendor	No change, As per RFP
472		Since, Existing civil infrastructure will be utilized, Hence, no need to create any civil infrastructure	There is no BOQ for civil infra even in new district monitoring also in the RFP. Our understanding is that MSI no need to take care of any civil infra in monitoring and command control even for new district. Request you to please <u>confirm our understanding is correct?</u>	No change, As per RFP
473		It is proposed to merger & acquisition of CSITMS project with VISWAS Project by buy-back of the IT & Non-IT equipments installed in this project in addition to provide O&M and AMC support once the contract of existing agency over in near future.	Is there any scope in the post M&A for the bidder & is there any BOQ for that. Request you to please confirm	Please see the changes in the revised bid document.

Request for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II. RFP No: GIL/Home Dept./VISWAS Phase-II/2022, GeM Bid Number: GEM/2022/B/2667802 Dated: 21-10-2022				
Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
474		Video Management System (VMS): It is proposed to use the existing VMS software to avoid multiple silos and for a smooth user experience. Tenderer will provide the required VMS software along with the VMS licences and successful bidder of this RFP needs to use the same for camera discovery and maintenance for 5 years	Is existing VMS Software & licences perpetual in nature or subscription based. Details related to product make & specs are missing to arrive at costing for maintenance of software & licenses during maintenance phase. Also, do we need to purchase additional licences for the scope of work under this RFP.	Please see the changes in the revised bid document.
475		3. Video Management System (VMS): It is proposed to use the existing VMS software to avoid multiple silos and for a smooth user experience. Tenderer will provide the required VMS software along with the VMS licences and successful bidder of this RFP needs to use the same for camera discovery and maintenance for 5 years.	This point favor to one VMS so please allow adding point to consider New VMS which can replace existing and provide new device license. Therefore, request to modify the clause as "3. Video Management System (VMS): It is proposed to use the existing VMS software to avoid multiple silos and for a smooth user experience. Tenderer will provide the required VMS software along with the VMS licences and successful bidder of this RFP needs to use the same for camera discovery and maintenance for 5 years."	No change, As per RFP
476		4. Integrated Traffic Management System (ITMS): The successful BIDDER needs to integrate with existing ITMS solution including software & Hardware for (ANPR, RLVD & SVD) for a smooth user experience.	This point favor to one ITMS so please allow adding point to consider New ITMS solution which can replace existing and provide new System	No change, As per RFP
477		Integration with existing systems of VISWAS Phase-1 and other legacy projects: Bidder is responsible for integration of their CCTV feeds into the existing VMS solution of VISWAS Phase-1 at respective NETRAM such that there shall be a single Unified system for the entire state.	VMS licenses and client applications are not in scope of MSI. Is this under standing correct, as no such line item mentioned in BOQ also?	Successful bidders have to co-ordinate with the existing agency for integration of the proposed camera with the existing VMS, ITMS, EMS. However integration of other legacy projects not in scope of bidder under this RFP. Please see the changes in revised bid document.
478		For the client end application support, bidder will provision and supply necessary hardware plus computing power that will be good for camera feeds that will be four times of what is being installed at end points. Storage will be as per the capacity indicated with provision for addition of extra storage disks only to take storage capacity to double of what is being asked.	As per BOQ only line item , MSI is having of Storage, L3 and L2 switches. As the server and applications are not in scope of MSI, so computing is also out of scope. MSI only need to see the storage. If no hardware with MSI how hardware and computing is in scope of MSI. Request to remove the close as no relevance as per our understanding.	Please see the changes in the revised bid document.
479		For the client end application support, bidder will provision and supply necessary hardware plus computing power that will be good for camera feeds that will be four times of what is being installed at end points. Storage will be as per the capacity indicated with provision for addition of extra storage disks only to take storage capacity to double of what is being asked.	Request you to please provide a clear understanding of this clause.	Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
480		For the client end application support, bidder will provision and supply necessary hardware plus computing power that will be good for camera feeds that will be four times of what is being installed at end points. Storage will be as per the capacity indicated with provision for addition of extra storage disks only to take storage capacity to double of what is being asked.	With reference to Software, basis the clauses of software not being in scope of the bidder. Request you to please clarify the scope of client end application support is required by the bidder.	Please see the changes in the revised bid document.
481		The Successful Bidder of the Cluster shall be responsible for shifting and reinstallation of equipments installed under the scope of work by him during the contract duration which may be required due to implementation of various development projects throughout the state. Bidder will be paid for such work @ 5% of the unit price quoted for the edge equipments/Gantry/Pole/Junction box etc. Further, Damage/Physical loss, etc. during the shifting and reinstallation activity shall be borne by Bidder.	Rate for such work shall be on cost plus basis,since the shifting charges for various components are very subjective. For ex: For Poles shifting in the new location will involve excavation, laying foundation & 5% of the pole cost will not be sufficient to cover the expenses. Hence we propose for any shifting work cost plus 15% margin as per the actual work done.	Please see the changes in the revised bid document.
482		p. The Solution asked under this RFP shall be executed as an EPC based Contract for the Successful Bidder of the Cluster to meet the outcome. The bidder may utilize the existing infrastructure such as Poles, Gantry, Lighting pillars, Fixtures etc. where ever available with the prior permission from TENDERER, the bidder in such cases will also have to make sure that such fixtures are not used in a destructive manner or effect the day-to-day functions of any other work / service. In case no such infrastructure is available for the installation of the end points the bidder will have to erect install and utilize the same for the successful implementation of the project.	Please amend this clause as mention below. p. The Solution asked under this RFP shall be executed as an EPC based Contract for the Successful Bidder of the Cluster to meet the outcome. The bidder may utilize the existing infrastructure such as Poles, Gantry, Lighting pillars , Fixtures etc. where ever available with the prior permission from TENDERER, the bidder in such cases will also have to make sure that such fixtures are not used in a destructive manner or effect the day-to-day functions of any other work / service. In case no such infrastructure is available for the installation of the end points the bidder will have to erect install and utilize the same for the successful implementation of the project.	No change, As per RFP
483		k. For the client end application support, bidder will provision and supply necessary hardware plus computing power that will be good for camera feeds that will be four times of what is being installed at end points. Storage will be as per the capacity indicated with provision for addition of extra storage disks only to take storage capacity to double of what is being asked	Please remove this clause. Bidder Will be Supply only as per the RFP asked Bill of Material .	No change, as per RFP
484		l. The Successful Bidder of the Cluster has to provision and provide an end-to-end solution along with all the required hardware/software/services which may be necessary and vital for the successfully implementation and running of the entire project.	Please remove this clause. Bidder Will be Supply only as per the RFP asked Bill of Material .	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
485		m. The Successful Bidder of the Cluster shall be responsible for shifting and reinstallation of equipments installed under the scope of work by him during the contract duration which may be required due to implementation of various development projects throughout the state. Bidder will be paid for such work @ 5% of the unit price quoted for the edge equipments/Gantry/Pole/Junction box etc. Further, Damage/Physical loss, etc. during the shifting and reinstallation activity shall be borne by Bidder.	Please amend this clause as mention below m. The Successful Bidder of the Cluster shall be responsible for shifting and reinstallation of equipments installed under the scope of work by him during the contract duration which may be required due to implementation of various development projects throughout the state. Bidder will be paid for such work @ 15 % 5% of the unit price quoted for the edge equipments/Gantry/Pole/Junction box etc. Further, Damage/Physical loss, etc. during the shifting and reinstallation activity shall be borne by Bidder.	Please see the changes in the revised bid document.
486		Operation and maintenance of entire project (IT, Non-IT) as per the scope of work (Cluster Wise) for the period of 5 years from the date of Go Live.	Non IT scope is only limited to the junctions and the BOQ which MSI will supply as per the scope of RFP. MSI can't be responsible for the Non-IT infra which is not provided by MSI. Request you to please modify the clause.	No change, As per RFP
487		The FAT will be provided as per the Lot/Clusters/cluster/cities defined in Annexure-A. However, the TENDERER may change the Lot/Clusters/cluster/cities defined in Annexure-A based on the TENDERER's requirement. Once the FAT is completed the partial Go-live will be provided to the Successful Bidder of the Cluster and post partial Go-Live/FAT bidder shall be bound to adhere to the SLA defined in the RFP.	Once the FAT is completed, the bidder should be provided Go-Live for the whole project and not partial. Request you to please modify the clause as "The FAT will be provided as per the Lot/Clusters/cluster/cities defined in Annexure-A. However, the TENDERER may change the Lot/Clusters/cluster/cities defined in Annexure-A based on the TENDERER's requirement. Once the FAT is completed the partial Go-live will be provided to the Successful Bidder of the Cluster and post partial Go-Live/FAT bidder shall be bound to adhere to the SLA defined in the RFP.	No change, As per RFP
488		The RoW (Right of Way) wherever required for the digging and laying of underground cables for last mile connectivity and foundations has to be obtained by the Successful Bidder of the Cluster at its own cost, however the TENDERER shall help in obtaining such permissions. The TENDERER will reimburse the RoW charges to the Successful Bidder of the Cluster on submission of the actual receipts of such charges paid. Digging and laying of cables shall be as per the industry best practises, however the reference guidelines as provided in Annexure F.	Many departments apply these charges with different names and sections. Any charges for permissions like ROW , RI charges , One time charges, Security deposit will be reimbursed to MSI. Is this understanding correct?	Please refer Section 3.2.2 regarding RoW Charges and Electrical Connection

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
489		<p>bidder has to ensure the below mentioned outcomes from the surveillance perspective are met at all times:</p> <p>Description-</p> <ol style="list-style-type: none"> 1. Live Video 2. Recorded Video (On digital Zoom) 3. Live video - (Zoom in/out) 4. Recorded Video Zoom in-Out using Digital Zoom) <p>Day:</p> <p>Identification of No. Plate: Required</p> <p>Identification of Face: Required</p> <p>Night:</p> <p>Identification of No. Plate: Required</p> <p>Identification of Face: Required</p>	<p>Please amend this clause, as per in table (RFP mention Criteria) is depends on Camera Focus , FOV and condition of Edge Location.</p> <p>Description-</p> <ol style="list-style-type: none"> 1. Live Video 2. Recorded Video (On digital Zoom) 3. Live video - (Zoom in/out) 4. Recorded Video Zoom in-Out using Digital Zoom) <p>During Day time:</p> <p>Identification of No. Plate: Number Plate will be identify through ANPR Solution only, In FIX Cameras it is depends on FOV.</p> <p>Identification of Face: it is depends on Cameras FOV. in Large FOV it is not possible to identify the FACE.</p> <p>During Night time:</p> <p>Identification of No. Plate: Number Number Plate will be identify through ANPR Solution only, In FIX Cameras it is depends on FOV and Junction LUX level.</p> <p>Identification of Face: it is depends on Cameras FOV. in Large FOV it is not possible to identify the FACE in Night. In Small FOV if Junction Lux level is good then FIX (Small FOV) can identify the Object/Face.</p>	<p>Successful bidders have to co-ordinate with the existing agency for integration of the proposed camera with the existing VMS,ITMS and to ensure that required outcomes mentioned in section 3.2.3 achieved.</p>
490		<p>d. The Speed Violation system is capable of measuring speeds up to 120 Km/Hour for both (Two & Four Wheeler's) or higher with minimum accuracy of 90% in detecting speed limit violations both during the day and night time and photographing the incident and reading the vehicle</p> <p>No. plate in various fonts and sizes in English Language.</p> <p>The Successful Bidder needs to coordinate with the existing Agency (Software/Application Provider) in order to achieve measuring speeds up to 120 Km/Hour for both (Two & Four Wheeler's) or higher with minimum accuracy of 90% in detecting speed limit violations both during the day and night time from existing speed detection system.</p>	<p>Please Amend this Clause as mentionn Below.</p> <p>The Speed Violation system is capable of measuring speeds up to 100 120 Km/Hour for both (Two & Four Wheeler's) or higher with minimum accuracy of 80 90% in detecting speed limit violations both during the day and night time and photographing the incident and reading the vehicle No. plate in various fonts and sizes in English Language. The Successful Bidder needs to coordinate with the existing Agency (Software/Application Provider) in order to achieve measuring speeds up to 100 120 Km/Hour for both (Two & Four Wheeler's) or higher with minimum accuracy of 80 90% in detecting speed limit violations both during the day and night time from existing speed detection system.</p> <p>Selected Bidder will do the adjust FOV and Cameras parameters according to the existing Agency (Software/Application Provider) further Accuracy from the system existing Agency (Software/Application Provider) will be take care.</p>	<p>No change, As per RFP</p>
491		<p>j. Signboards for CCTV camera locations:</p> <p>It is necessary that the CCTV Camera locations should have some standardized signs informing the public of the existence of CCTV cameras in Gujarati language.</p>	<ol style="list-style-type: none"> 1. Please confirm, Need to display information in Gujarati only. 2. The Number plate will be in English Only ? 	<p>No change, As per RFP</p>

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
492		h. The Accuracy of ANPR system is more than 90% in case of standard English Alphanumeric Font and High Security Registration plates and 75% for non-standard English Alphanumeric Fonts, the system is able to capture the Registration Plate of a vehicle moving at a speed of up to 120 Km/hour with the same level of accuracy. The Successful Bidder needs to coordinate with the existing Agency (Software/Application Provider) in order to achieve more than 90% accuracy in case of standard English Alphanumeric Font and High Security Registration plates, 75% for non-standard English Alphanumeric Fonts. The Successful Bidder also needs to coordinate with existing Agency (Software/Application Provider) to capture the Registration Plate of a vehicle moving at a speed of up to 120 Km/hour with the same level of accuracy.	<p>Please Amend this clause as mention Below.</p> <p>h. The Accuracy of ANPR system is more than 80 90% in case of standard English Alphanumeric Font and High Security Registration plates and 65 75% for non-standard English Alphanumeric Fonts, the system is able to capture the Registration Plate of a vehicle moving at a speed of up to 100 120 Km/hour with the same level of accuracy.</p> <p>The Successful Bidder needs to coordinate with the existing Agency (Software/Application Provider) in order to achieve more than 80% 90% accuracy in case of standard English Alphanumeric Font and High Security Registration plates, 65 % 75% for non-standard English Alphanumeric Fonts. The Successful Bidder also needs to coordinate with existing Agency (Software/Application Provider) to capture the Registration Plate of a vehicle moving at a speed of up to 100 120 Km/hour with the same level of accuracy.</p> <p>Selected Bidder will do the adjust FOV and Cameras parameters according to the existing Agency (Software/Application Provider) further Accuracy from the system existing Agency (Software/Application Provider) will be take care.</p>	No change, As per RFP
493		o. The Gantry shall be installed only at the locations where there is a need of minimum 3 ANPR cameras on a single arm of the 3-lane road.	<p>Please remove or amend this clause</p> <p>single LAN can be cover by one ANPR camera through cantilvier ,more than one camera it is always gantry Sugessted to achive the Accuracy.</p> <p>One Lane is 3.5 Meter as per this two LAN will be 7 Meter and as per the RFP requirment cantilevers of varying length from 0.5 to 2.0 meters through 2.0 Meter length Cantiliver it is not possible to cover the two LANE. Hence We are requesting you to please remove this clause.</p>	No change, As per RFP
494		(i) The Successful Bidder of the Cluster is also responsible for integrating new system with existing mobile application which will allow limited set of authorised users to access the video feeds live as well as recorded over the mobile/smart phone.	We assume that existing systems is under support and will not EOL. Also this existing systems will have open platform to integrate 3rd party devices.	Please see the changes in the revised bid document.
495		(l) The system should not limit the amount of storage to be allocated for each connected device.	Request you to please provide a clear understanding of this clause.	No change, As per RFP
496		Electrical cabling from the input source and up to the equipment to be kept at each location, Junction rack etc. as the case may be, shall be the responsibility of bidder.	Regarding electricity, MSI responsibility is only the cabling from the tapping p[point. Any other charges of meter connections, security charges etc. is not scope of MSI. Is this understanding correct.	Please refer Section 3.2.2 regarding RoW Charges and Electrcical Connection

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
497		O&M charges for any such additional work shall be paid at 2% per annum of the cost of such additional equipment/devices/hardware/ software component to be deployed at the NETRAM site and the rate of 10% per annum for the end point devices. Further successful bidder is required to comply with the overall SLA requirement of contract for any such additional SoW.	O&M charges for any such additional work should be paid at 12% per annum of the cost of such additional equipment/devices/hardware/ software component to be deployed at the NETRAM site as well as for the end point devices. Request you to please modify the clause as "O&M charges for any such additional work shall be paid at 2% per annum 12% per annum of the cost of such additional equipment/devices/hardware/ software component to be deployed at the NETRAM site and the rate of 10% per annum 12% per annum for the end point devices. Further successful bidder is required to comply with the overall SLA requirement of contract for any such additional SoW.	No change, As per RFP
498		Desired Qualification for all Cluster Manpoer Requirement for Junior Engineer	It is difficult to provide manpoer at taluka level with 2 years experience so requesting you to please amend this clause as mention below. Any Diploma/Graduate or higher certification 1+ years of similar type post qualification experience.	No change, As per RFP
499		Penalty Clause for Cluster	1% of penalty for every week or part thereof on the delayed/non deliverable part seems to be on higher side. We propose to levy lower penalty.	No change, As per RFP
500		<u>Implementation Timelines for the Bidder</u> Target for Cluster -1 to 3 (for each cluster) - Within 15 Days from date of issuance of work order (T+15 days) <u>Payment -</u> <u>Penalty for Cluster</u> - 1 to 3 (for each cluster) penalty of 0.1% of Contract value for Delay for every Week or part thereof. Delay beyond T + 21 Days, TENDERER may terminate the Work Order/Contract and forfeit the PBG. In such case, TENDERER may consider issuing Work Order to L2 bidder.	<u>Implementation Timelines for the Bidder</u> Target for Cluster -1 to 3 (for each cluster) - Within 15 Days from date of issuance of work order (T+15 days) <u>Payment Terms should be changed to as below for Mobilization of resources</u> <u>Payment - "10% Advance of the Total Component value"</u> <u>(Penalty clause should be changed to as below to account for delays due to global Semiconductor & Supply chain issues)</u> <u>Penalty for Cluster</u> - 1 to 3 (for each cluster) penalty of 0.1% of Contract value for Delay for every Week or part thereof. Delay beyond " T + 50 " Days, TENDERER may terminate the Work Order/Contract and forfeit the PBG. In such case, TENDERER may consider issuing Work Order to L2 bidder.	Please see the changes in the revised bid document.
501		<u>Implementation Timelines for the Bidder</u> <u>Target for Cluster</u> -1 to 3 (for each cluster) - T+ 120 days <u>Payment - 50%</u> of Total Component value of Delivered Part (as per Schedule-I of Price BID). <u>Penalty for Cluster</u> -1 to 3 (for each cluster) - A penalty of 1% of Total Component value of Delayed/Non-Delivered Part (as per Schedule-I of Price BID) for every Week or part thereof. Delay beyond T + 135 Days TENDERER may terminate the contract and forfeit the PBG	<u>Implementation Timelines for the Bidder</u> <u>Target for Cluster</u> -1 to 3 (for each cluster) - T+ 120 days <u>Payment Terms should be changed to as below</u> <u>Payment - "60%"</u> of Total Component value of Delivered Part (as per Schedule-I of Price BID). <u>(Penalty clause should be changed to as below to account for delays due to global Semiconductor & Supply chain issues)</u> <u>Penalty for Cluster</u> -1 to 3 (for each cluster) - A penalty of " 0.5% " of Total Component value of Delayed/Non- Delivered Part (as per Schedule-I of Price BID) for every Week or part thereof. Delay beyond " T + 150 Days " TENDERER may terminate the contract and forfeit the PBG	Please see the changes in the revised bid document.

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
502		<p>Implementation Timelines for the Bidder</p> <p>Target for Cluster -1 to 3 (for each cluster) - T+ 240 days</p> <p>Payment - 35% of Total Component value (as per Schedule-I of Price BID) on Completion of FAT.</p> <p>Penalty for Cluster -1 to 3 (for each cluster) - A penalty of 0.75% of Total Component value of Delayed/Non-Delivered Part (as per Schedule-I of Price BID) for every Week or part thereof. Delay beyond T + 255 Days TENDERER may terminate the contract and forfeit the PBG</p>	<p>Implementation Timelines for the Bidder</p> <p>Target for Cluster -1 to 3 (for each cluster) - T+ 120 days</p> <p>Payment Terms should be changed to as below</p> <p>Payment - "25 %" of Total Component value (as per Schedule-I of Price BID) on Completion of FAT</p> <p>(Penalty clause should be changed to as below to account for delays due to global Semiconductor & Supply chain issues)</p> <p>Penalty for Cluster -1 to 3 (for each cluster) - A penalty of "0.5%" of Total Component value of Delayed/Non-Delivered Part (as per Schedule-I of Price BID) for every Week or part thereof. Delay beyond "T + 300 Days" TENDERER may terminate the contract and forfeit the PBG</p>	Please see the changes in the revised bid document.
503		<p>Implementation Timelines for the Bidder</p> <p>Target for Cluster -1 to 3 (for each cluster) - FAT Completion + 3 Months</p> <p>Payment - 15% of Total Component value (as per Schedule-I of Price BID).</p>	<p>Implementation Timelines for the Bidder</p> <p>(Target for Cluster should be changed to as below)</p> <p>Target for Cluster -1 to 3 (for each cluster) - FAT Completion</p> <p>(Payment Terms should be changed to as below)</p> <p>Payment - "5%" of Total Component value (as per Schedule-I of Price BID).</p>	Please see the changes in the revised bid document.
504		If there is a delay in delivery of the supply of hardware, applicable penalty for delay in delivery of delayed/non-supplied hardware will be levied. "Due to delay in delivery, if installation gets delayed further applicable penalty for delay in installation and commissioning will also be levied for that non-supplied and non-installed hardware "	As Penalty is already being levied on delayed portion, buffer of additional time incurred in delivery should be given for installation before penalty is imposed for it	Please see the changes in the revised bid document.
505		External Illuminator with visibility should be at least 50m, Power requirement & connectivity should be part of the solution. Illumination (Colour & b/w) should be sufficient to capture Objects/Faces at night time when there is not sufficient illumination at site.	<p>Please amend this clause as mention below.</p> <p>External Illuminator with visibility should be at least 50m, Power requirement & connectivity should be part of the solution. Illumination (Colour & b/w) should be sufficient to capture Objects/Faces at night time when there is not sufficient illumination at site.</p> <p>Illumination Lux level should not be the part of this , Circle Lux / illumination should be taken care by the concern authority like Nagar palika or Street Light Agency.</p>	No change, As per RFP
506		TENDERER will have the option to increase (as per solution requirement) or decrease (to any extent) the quantities of equipment/material to be supplied by the Bidder on this Project. The change in scope of work (increase / decrease) will be governed by the Change Control Mechanism mentioned in the RFP.	Decrease/Increase in quantities of equipment/material shall be capped at 15%	No change, As per RFP

Request for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II. RFP No: GIL/Home Dept./VISWAS Phase-II/2022, GeM Bid Number: GEM/2022/B/2667802 Dated: 21-10-2022				
Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
507		Successful Bidder shall be responsible for its own costs incurred in the quotation, preparation of CRs and in the completion of its obligations described in this process provided by CCB (Change Control Board) & the obligations as set in the CRs. In the event the Successful Bidder is unable to meet the obligations as defined in the CRs then the cost of getting it done by third party will be borne by the Successful Bidder.	The costs of the CR cannot be completely borne by the Bidder itself and will have to be mutually borne by both the parties. Accordingly, the following revisions to the clause has been suggested : "The costs of CR shall be mutually agreed between both parties."	No change, As per RFP
508		TENDERER will have the option to increase (as per solution requirement) or decrease (to any extent) the quantities of equipment/material to be supplied by the Bidder on this Project. The change in scope of work (increase / decrease) will be governed by the Change Control Schedule mentioned in Volume I and II of the RFP	Our input is to specify a particular %age in increase or decrease of the quantity for which the quotation submitted by bidder will be valid.	No change, As per RFP
509		Procedure for Calling Force Majeure: The Affected Party shall notify to the other Party in writing of the occurrence of the Force Majeure as soon as reasonably practicable, and in any event within 5 (five) days after the Affected Party came to know or ought reasonably to have known, of its occurrence and that the Force Majeure would be likely to have a material impact on the performance of its obligations under the Agreement.	It is suggested that the number of days be increased to 15 as 5 days are very less to understand an event and its impact on any business or by any Bidder. Therefore, request to please modify the clause as "Procedure for Calling Force Majeure: The Affected Party shall notify to the other Party in writing of the occurrence of the Force Majeure as soon as reasonably practicable, and in any event within 5 (five) days 15 days after the Affected Party came to know or ought reasonably to have known, of its occurrence and that the Force Majeure would be likely to have a material impact on the performance of its obligations under the Agreement.	No change, As per RFP
510		In the case of such failure the dispute shall be referred to a sole arbitrator or in case of disagreement as to the appointment of the sole arbitrator to three arbitrators, two of whom will be appointed by each Party and the third appointed by the two arbitrators.	It is suggested to go ahead with the sole arbitrator as 3 arbitrators shall be an additional cost for all parties. In view thereof, kindly find the revised clause : "In the case of such failure the dispute shall be referred to a sole arbitrator or in case of disagreement as to the appointment of the sole arbitrator to three arbitrators, two of whom will be appointed by each Party and the third appointed by the two arbitrators. "	No change, As per RFP
511		The place of the arbitration shall be Gandhinagar, Gujarat.	It is recommended that the place of arbitration be New Delhi itself as New Delhi has a very large pool of advocates and all levels of courts at easy access. The revised clause is as follows: "5.29.3The place of the arbitration shall be Gandhinagar, Gujarat New Delhi, India. "	No change, As per RFP
512		In case the bidder fails to deliver, Installed and commission ordered items within the prescribed time lines and extension granted if any. In such scenario the TENDERER reserves the right to procure the same from other bidders at the risk, cost and responsibility of the selected agency.	The clause has been revised miutely to ensure that the bidder is held liable only for reasons attributable to the bidder. The revised clause is as follows" 5.34.1.3 In case the bidder fails to deliver, Installed and commission ordered items within the prescribed time lines and extension granted if any due to the reasons solely attributable to the Bidder. In such scenario the TENDERER reserves the right to procure the same from other bidders at the risk, cost and responsibility of the selected agency. "	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
513		Termination by Successful bidder: The successful bidder reserves the right to suspend any of the Services and/or terminate the Agreement at any time with 30 days' notice if the payment to the selected is due for more than 2 (two) consecutive quarters.	The clause has been revised in order to secure the interest of the bidder in the even the tendered is subject to the conditions mentioned or breaches the Agreement. The revised clause is as follows: "5.34.2 Termination by Successful bidder: The successful bidder reserves the right to suspend any of the Services and/or terminate the Agreement at any time with 30 days' notice if: 5.34.2.1 the payment to the selected is due for more than 2 (two) consecutive quarters months. 5.34.2.2b. the Tenderer becomes the subject of bankruptcy, insolvency, and winding up, receivership proceedings. 5.34.2.3 in case the Tenderer materially breaches any terms of this Agreement. "	No change, As per RFP
514		In case of termination, the bidder will be paid for the work/services already delivered till the date of termination after deduction of penalties, if any. The termination hereof shall not affect any accrued right or liability of either Party nor affect the operation of the provisions of the Contract that are expressly or by implication intended to come into or continue in force on or after such termination.	Minor modifications have been made to ensure that the financial exposure of the bidder is secured in the event of any termination or expiration. Revised clause is as follows: "5.34.55.34.6 In case of termination or expiration, the bidder will be paid within 15 days of such termination or expiration for the work/services already delivered and all the work that has been carried out by the bidder but not delivered till the date of termination after deduction of penalties, if any. The termination hereof shall not affect any accrued right or liability of either Party nor affect the operation of the provisions of the Contract that are expressly or by implication intended to come into or continue in force on or after such termination"	No change, As per RFP
515		a. The successful bidder will promptly on the commencement of the exit management period supply to the TENDERER or its nominated agency the following: i. Information relating to the current services rendered and customer and performance data relating to the performance of sub-contractors in relation to the services; ii. Documentation relating to Intellectual Property Rights; iii. Documentation relating to sub-contractors; iv. All current and updated data as is reasonably required for purposes of the TENDERER or its nominated agencies transitioning the services to its Replacement agency in a readily available format nominated by the TENDERER, its nominated agency; v. All other information (including but not limited to documents, records and agreements) relating to the services reasonably necessary to enable the TENDERER or its nominated agencies, or its Replacement agency to carry out due diligence in order to transition the provision of the Services to the TENDERER or its nominated agencies, or its Replacement Agency (as the case may be).	Minor revisions made to ensure clarity as the bidder will only be responsible for the information related to this Agreement . " a.The successful bidder will promptly on the commencement of the exit management period supply to the TENDERER or its nominated agency the following: i.Information relating to the current services rendered and customer and performance data relating to the performance of sub-contractors in relation to the services under this Agreement; ii.Documentation relating to Intellectual Property Rights related to the Agreement; iii.Documentation relating to sub-contractors for this Agreement;"	No change, As per RFP

Request for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II. RFP No: GIL/Home Dept./VISWAS Phase-II/2022, GeM Bid Number: GEM/2022/B/2667802 Dated: 21-10-2022				
Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
516		Plans for provision of contingent support to the TENDERER, and Replacement agency for a reasonable period after transfer.	Minor revisions made to ensure clarity. "iii.Plans for provision of contingent support to the TENDERER, and Replacement agency for a reasonable period after transfer at the sole risk and cost of the Tenderer. "	No change, As per RFP
517		5.36.1 Selected agency will defend and/or settle any claims against the TENDERER that allege that Bidder branded product or service as supplied under this contract infringes the intellectual property rights of a third party. Selected agency will rely on Customer's prompt notification of the claim and cooperation with our defend. Bidder may modify the product or service so as to be non-infringing and materially equivalent or we may procure a license. If these options are not available, we will refund to Customer the amount paid for the affected product in the first year or the depreciated value thereafter or, for support services, the balance of any pre-paid amount or, for professional services, the amount paid. Bidder is not responsible for claims resulting from any unauthorized use of the products or services. This section shall also apply to deliverables identified as such in the relevant Support Material except that Bidder is not responsible for claims resulting from deliverables content or design provided by Customer.	Minor revisions have been made to ensure clarity and secure the liability of the Bidder in the event of IPR indemnification. The revised clause as suggested is "5.36.1Selected agency Bidder will defend and/or settle any direct claims against the TENDERER that allege that Bidder branded product or service as supplied under this contract infringes the intellectual property rights of a third party due to reasons solely attributable to the Bidder. Selected agency will rely on Customer's prompt notification of the claim and cooperation with our defend. Bidder may modify the product or service so as to be non-infringing and materially equivalent or we may procure a license. If these options are not available, we will refund to Customer the amount paid for the affected product in the first year or the depreciated value thereafter or, for support services, the balance of any pre-paid amount or, for professional services, the amount paid. Bidder is not responsible for claims resulting from any unauthorized use of the products or services . Bidder indemnification obligation for IPR infringement under this contract do not apply to the extent that an indemnified claim arises out of: (i) Tenderer's breach of this contract (ii) revisions to the Deliverable made without Bidder's prior written consent; (iii) Tenderer's failure to incorporate updates or upgrades of software that would have avoided the alleged infringement (iv) Bidder's design or modification of the Deliverable in compliance with specifications provided by Tenderer; or (v) use of the Deliverable in combination with hardware or software or equipment not provided by Bidder. This section shall also apply to deliverables identified as such in the relevant Support Material except that Bidder is not responsible for claims resulting from deliverables content or design provided by Customer.	No change, As per RFP
518		Selected agency's cumulative liability for its obligations under the contract shall not exceed the value of the charges payable by the TENDERER within the remaining duration of the contract term from the day claim is raised and selected agency shall not be liable for incidental, consequential, or indirect damages including loss of profit or saving.	In order to capture the bidders financial exposure, we have limited the liability for minimizing the risk. Request you to please modify the claiuse as " Notwithstanding anything contained herein, Selected agency's bidder's total cumulative liability for its obligations under the contract shall not exceed the value of the charges payable by the TENDERER to the selected bidder for the work completed under the terms of the Contract within the remaining duration of the contract term from the day claim is raised. Notwithstanding anything to the contrary contained herein, The and selected agency shall not in any case whatsoever be liable to indemnify the TENDERER for any matter arising out of or in connection with the Agreement for any incidental, consequential, or indirect damages and costs including loss of profit or saving loss of goodwill, whether or not caused by the acts or omissions or negligence (including gross negligence or willful misconduct) of its employees or agents, and regardless of whether TENDERER has been informed of the possibility or likelihood of such damages.	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
519			<p>The clause has also been made mutual in order to ensure that the confidential information of both parties is secured "5.38.1Selected agency understands and agrees that all materials and information marked and identified by the TENDERER as 'Confidential' are valuable assets of the TENDERER and are to be considered GIL/Home Department proprietary information and property. Selected agency will treat all confidential materials and information provided by the TENDERER with the highest degree of care necessary to ensure that unauthorized disclosure does not occur. Selected agency will not use or disclose any materials or information provided by TENDERER without its prior written permission.</p> <p>5.38.2TENDERED hereby agrees that all materials and information marked and identified by the selected Bidder as 'Confidential' are valuable assets of the selected Bidder and are to be considered selected Bidder's proprietary information and property. TENDERER will treat all confidential materials and information provided by selected Bidder with the highest degree of care necessary to ensure that unauthorized disclosure does not occur. TENDERER will not use or disclose any materials or information provided by selected Bidder without its prior written permission.</p> <p>5.38.3 Selected agencyParties shall not be liable for disclosure or use of any materials or information provided by the TENDERER other Party or developed by selected agencysuch party which is:</p> <p>i.possessed by selected agencysuch party prior to receipt from the TENDERERthe other party, other than through prior disclosure by the TENDERERsuch party, as documented by selected agency's written records;</p> <p>ii.published or available to the general public otherwise than through a breach</p>	No change, As per RFP
520		Successful bidder shall raise Invoice only after the completion of Lot/Cluster-wise milestone for each city/district. Invoice cannot be raised for partial completion of milestone for each district.	Bidder shall be allowed to raise invoice for partial quantity in case of delay due to reasons not attributable to the bidder. Therefore, request you to please modify the clause.\	No change, As per RFP
521		5.45.1 The TENDERER may appoint/designate a Third Party for IT Infrastructure projects, which would monitor the project during implementation, commissioning and operation. The Third Party will also conduct User Acceptance Test and Final Acceptance Test as per the technical requirement of the Agreement and will issue the Certificate of Completion of each proposed Site. Third Party will verify the services provided by the successful bidder under the agreement. The successful bidder will co-operate with such Third Party.	Minor additions recommended to the Clause to ensure fair business practices for the Bidder. "TENDERER will ensure that the above referred 3rd party agency appointed for IT Infrastructure will not be the competitor of Implementation Agency/ SI. "	No change, As per RFP
522			High Importance Minor additions recommended to the Clause to secure the interests of the Bidder. "5.48.6In case FAT cannot be conducted without any fault of the Bidder, the same shall be treated as deemed acceptance by Bidder."	No change, As per RFP

Request for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II. RFP No: GIL/Home Dept./VISWAS Phase-II/2022, GeM Bid Number: GEM/2022/B/2667802 Dated: 21-10-2022				
Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
523		5.50.1 In the event of any claim asserted by a third party of infringement of copyright, patent, trademark or industrial design rights arising from the use of the Goods or any part thereof, the bidder shall expeditiously extinguish such claim. If the bidder fails to comply and TENDERER is required to pay compensation to a third party resulting from such infringement, the Bidder shall be responsible for such compensation, including all expenses, court costs and lawyer fees. TENDERER shall give notice to the successful bidder of any such claim and recover it from the bidder if required.	Bidder shall only be liable for the direct claims due to reasons solely attributable to the bidder only and not for any other person. Accordingly, the revised clause has been suggested. " 5.50.1In the event of any direct claim asserted by a third party of infringement of copyright, patent, trademark or industrial design rights due to reasons solely attributable to the Bidder arising from the use of the Goods or any part thereof, the bidder shall expeditiously extinguish such claim. If the bidder fails to comply and TENDERER is required to pay any direct compensation to a third party resulting from such infringement by the Bidder , the Bidder shall be responsible for such direct compensation, including all direct expenses, court costs and lawyer fees . TENDERER shall give notice to the successful bidder of any such direct claim and recover it from the bidder if its proved that such claim is due to reasons solely attributable to the Bidder required. "	No change, As per RFP
524		General Query	IN bOQ no mention of firewall and security devices. MSI will not be responsible for any such installation and configuration and this will be scope of tenderer. Is this understanding correct? Also, as per our understanding MSI will not be responsible for the any breach on to these security devices in future as MSI don't have access.	Successful bidders have to co-ordinate with the existing agency for integration of the proposed camera with the existing firewall, security devices, etc.
525		5.16.1 TENDERER will have the option to increase (as per solution requirement) or decrease (to any extent) the quantities of equipment/material to be supplied by the Bidder on this Project. The change in scope of work (increase / decrease) will be governed by the Change Control Mechanism mentioned in the RFP. 6.2 Note Pt. 10 The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.	1. Please confirm which clause has to be followed 2. Decrease/Increase in quantities of equipment/material shall be capped at 15%	No change, As per RFP
526		The tender rates shall be valid for 1 Year	As per Clause 5.13 "Bids shall remain valid for 180 days after the date of Bid opening prescribed by the TENDERER. A Bid valid for a shorter period shall be rejected as non-responsive." we request you to adhere to the terms of 180 days for tender rate.	No change, As per RFP
527			We recommend adding a clause of Site Access to ensure clarity of the obligations of the TENDERER " In the event the bid is awarded to the successful bidder, the TENDERER shall provide the successful Bidder with immediate access to the site and the necessary ground level infrastructure such as space, electricity, and network connectivity for the successful Bidder's equipment deployment and to enable the Bidder to carry out the project without any delay whatsoever. "	No change, As per RFP

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Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
528		Format XII	Point 2 speaks about a code of ethics. Kindly confirm if there is any other code of ethics that need ot be complied with and have not been shared. If yes, kindly share so we can review and provide confirmation	No change, As per RFP
529		Format XII	Indefinite obligation of confidentiality is not acceptable as the liability of the same cannot be measured. Thus , this point needs to be deleted 6. I agree that my obligation to maintain the confidentiality of the Confidential Information shall survive and continue to apply even after the termination of the Engagement and my employment with the Organization.	No change, As per RFP
530		General	Please confirm, is there a need of DR (Disaster Recovery), if yes please specify which plan is needed ?	No
531		General	Please confirm, solution will be delayed on-premises only ?	No change, As per RFP
532		General	Please mention the existing volume of vehicles moving on the road within the area identified by the ITCS	No change, As per RFP
533			Please clarify that whichever bidder is selected will be signing this RFP document itself or there will be any other customer contract also that will be executed between the parties. If yes, kindly provide the same for review and comments so that any queries can be raised.	No change, As per RFP
534		<p>In case bidder want to quote for any one cluster then bidder should have the minimum average annual financial turnover of Rs. 75 crore during the last three financial years (2018- 19, 2019-20 and 2020-21).</p> <p>In case bidder want to quote for any two clusters then bidder should have the minimum average annual financial turnover of Rs. 150 crore during the last three financial years (2018- 19, 2019-20 and 2020-21).</p> <p>In case bidder want to quote for all three clusters then, bidder should have the minimum average annual financial turnover of Rs. 225 crore during the last three financial years (2018- 19, 2019-20 and 2020-21).</p> <p>Note: a. The average annual Turnover in any of the 3 out of last 4 financial years (FY 2017-18, 2018-19, 2019-20 and 2020-21) will be considered. b. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.</p>	With this clause we understand that only one bid can be submitted by any bidder for any combinations of clusters based on the fulfilment of the mentioned eligibility criteria's. Request you to please confirm if our understanding is correct?	At the time of participation of the bid under GeM, the bidder has to select the appropriate cluster for the bid. The bidder has to submit the EMD for the respective clusters.

Request for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II. RFP No: GIL/Home Dept./VISWAS Phase-II/2022, GeM Bid Number: GEM/2022/B/2667802 Dated: 21-10-2022				
Sr No	RFP Clause	Details of Clause	Clarification Sought	Response to clarification
535		<p>Deliverables - The successful bidder will complete the Installation & Commissioning of CCTV camera and related accessories as per scope of work of the Cluster</p> <p>The overall Installation and Commissioning of hardware, Integration and offering for acceptance shall be completed.</p> <p>Target for Cluster -1 to 3 (for each cluster) - T+ 240 days</p> <p>Payment for Cluster -1 to 3 (for each cluster) - 35% of Total Component value (as per Schedule-I of Price BID) on Completion of FAT.</p>	<p>With reference to payment terms for this milestone, our understanding is that the bidder can raise invoice for the sites for which installation and commissioning has been completed along with completion of FAT.</p> <p>For Illustration: Cluster 1 has 100 site locations out of which for 50 locations installation and commissioning has been completed along with FAT. therefore, the bidder shall be eligible to raise an invoice for these 50 sites of this payment milestone.</p> <p>Request you to please confirm if our understanding is correct?</p>	Yes

Corrigendum dated 30.01.2023

Revised Request for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II.

GeM bid No: GEM/2023/B/3005524 dated 18.01.2023

The existing specifications in the RFP			Revised specification		
4.9 Camera Type A (Box Cameras for ANPR & Speed Detection)					
Sr. No.	Parameter	Minimum Specification	Sr. No.	Parameter	Minimum Specification
-	-	-	-	-	-
3	Focus	Manual	3	Focus	Automatic/ Manual
-	-	-	-	-	-
4.10 Camera Type B (Box Camera for Surveillance)					
-	-	-	-	-	-
3	Focus	Automatic and Manual both	3	Focus	Automatic/ Manual
-	-	-	-	-	-

Clarification dated 22.02.2023

Revised Request for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II.

GeM bid No: GEM/2023/B/3005524 dated 18.01.2023

Clarification -1

4.9 Camera Type A (Box Cameras for ANPR & Speed Detection)			
4.10 Camera Type B (Box Camera for Surveillance)			
4.11 Camera Type C: PTZ			
The existing specifications in the RFP		Revised specification	
Parameter	Specification	Parameter	Specification
Certification	CE/EN/Equivalent Indian Standards, FCC/Equivalent Indian Standards, /UL 62368-1/Equivalent Indian Standards, IEC/BIS/Equivalent Indian Standards certified at the time of bidding	Certification	FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, IEC/BIS/Equivalent Indian Standards. Note: In case of Make in India Product UL certification is not required. However, MII product should have a certification from a NABL approved lab/STQC Lab with equivalent IEC standard (IEC 62368-1) at the time of bidding

Clarification-2 :

Please Read UoM (Unit of Measurement) as **Running Feet instead of Qty.** Under the Price bid of Cluster-I, Price bid of Cluster-II, Price bid of Cluster-III, Schedule-III (Dismantling and Reinstallation Charges), Sr. No. 5. Rate for dismantling Gantry including all accessories, civil work, labor work, HYDRA and manlift services, foundation, related work like cabling, earthing, etc.,

Corrigendum dated 15.02.2023

Revised Request for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II.

GeM bid No: GEM/2023/B/3005524 dated 18.01.2023

S/N	The existing Eligibility Criteria in the RFP	Revised Eligibility Criteria
7	<p>OEMs of proposed equipment/components should have their own registered office in India as per the prevalent/ applicable laws of India and be in operation in India for last five years as on the bid issuance date. Registered offices by way of Joint ventures, Franchise, agency, distribution partners will not be considered.</p> <p>a.) OEMs for networking devices at aggregation layer and data centre layer should be in Leader/challenger quadrants of the latest Gartner's Magic Quadrant for data centre networking. or OEM of quoted Switch should be qualified as Make in India as per public procurement (Preference to Make in India) order 2017 & its revision issued time by time. As per GR, quoted Switch should have 60% domestic value addition in terms of Bill of Material to qualify as domestically manufactured. AND The Manufacturer of the Network switch should have installation base of 1500 nos. of Managed/PoE switches in India.</p> <p>b.) OEM for end point/edge location's network switch should be in the top Five positions in terms of market share in India as per latest available IDC report or should be present in latest Gartner magic Quadrant. or OEM of quoted Switch should be qualified as Make in India as per public procurement (Preference to Make in India) order 2017 & its revision issued time by time. As per GR, quoted Switch should have 60% domestic value addition in terms of Bill of Material to qualify as domestically manufactured. AND The Manufacturer of the Network switch should have installation base of 1500 nos. of Managed/PoE switches in India</p>	<p>OEMs of proposed equipment/components should have their own registered office in India as per the prevalent/ applicable laws of India and be in operation in India for last five years as on the bid issuance date. Registered offices by way of Joint ventures, Franchise, agency, distribution partners will not be considered.</p> <p>a.) OEMs for networking devices at aggregation layer and data centre layer should be in Leader/challenger quadrants of the latest Gartner's Magic Quadrant for data centre networking or Enterprise wired and wireless LAN Infrastructure or OEM of quoted Switch should be qualified as Make in India as per public procurement (Preference to Make in India) order 2017 & its revision issued time by time. As per GR, quoted Switch should have 60% domestic value addition in terms of Bill of Material to qualify as domestically manufactured. AND The Manufacturer of the Network switch should have installation base of 1500 nos. of Managed/PoE switches in India.</p> <p>b.) OEM for end point/edge location's network switch should be in the top Five positions in terms of market share in India as per the latest available IDC report for Ethernet switch or should be present in latest Gartner magic Quadrant for Enterprise wired and wireless LAN Infrastructure. or OEM of quoted Switch should be qualified as Make in India as Class I or Class II category as per public procurement (Preference to Make in India) order 2017 & its revision issued time by time. AND The Manufacturer of the Network switch should have installation base of 1500 nos. of Managed/PoE switches in India.</p>

Revision under Annexure-C: Category wise Item details			
The existing specifications in the RFP		Revised specification	
Managed L2 Switch	Required Port from Day 1: 48 Port SFP+ open slot, loaded with 12 X 10G (Single-Mode SFP) + 36 X 1G	Managed L2 Switch	Required Port from Day 1: 48 Port SFP+ open slot, loaded with 12 X 10G (Single-Mode SFP) + 36 X 1G Or Bidder can have the option to provide 2 nos. of 24 port SFP+ switches in stacking mode in place of 48 ports and meet the overall port count as per the requirement mentioned in the RFP.