

RAILTEL CORPORATION OF INDIA LIMITED
(A Govt. of India Undertaking)

EOI No: RCIL/EOI/CO/MKT/EB/2020-21/PGCIL/UNMS/NER Dated 10.02.2021

Expression of Interest for Selection of BA from RailTel's empanelled Business Associate on EXCLUSIVE PRE-BID TEAMING ARRANGMENT on back-to-back conditions for participating in Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in North Eastern Region (NER) under Establishment of State-of-the-Art Unified Centralized Network Management System U-NMS for ISTS and State Utility Communication Network.

EOI NOTICE

Plate-A, 6th Floor, Office Tower-2,
NBCC Building, East Kidwai Nagar, New Delhi-110023

EOI Notice No: RCIL/EOI/CO/MKT/EB/2020-21/UNMS/NER Dated 10.02.2021

RailTel Corporation of India Ltd., (here after referred to as "RailTel") invites EOIs from RailTel's Empaneled BAs for the selection of suitable BA as pre bid teaming arrangement for **"Supply, Installation, Commissioning, End to End Integration, Operation, Maintenance and upgradation of Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in North Eastern Region (NER) for PGCIL under Establishment of State-of-the-Art Unified Centralized Network Management System U-NMS for ISTS and State Utility Communication Network"**

The details are as under:

| | | |
|---|--|-----------------------|
| 1 | Last date for submission of EOIs by bidders | 15/02/2021 15:00 Hrs |
| 2 | Opening of bidder EOIs | 15/02/2021 15:30 Hrs. |
| 3 | Number of copies to be submitted for scope of work | One |
| 4 | EMD (for Selection of BA) | 5,00,000/- |

The EMD should be in the favor of RailTel Corporation of India Limited payable at Delhi through online bank transfer. Bidder need to share the online payment transfer details like UTR No. date and Bank along with the proposal.

MSE clause as issued by government of India will be applicable for tender cost & EMD for all registered MSE.

RailTel Bank Details: Union Bank of India, Account No. 340601010050446, IFSC Code - UBIN0534064.

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

Level:1 Contact: Anish Singh Gusain
Position: AGM/EB
Email: anishgusain@railtelindia.com
Contact: +91-9717644491

Level:2 Contact: Shashidhar Uppal
Position: Jt. GM/EB
Email: Shashi_uppal@railtelindia.com
Contact: +91-9004444111

Level:3 Contact: K. Manohar Raja
Position: Executive Director
Email: kmr@railtelindia.com

Note:

1. All empaneled BAs are required to submit soft copy of proposal through an e-mail at **eoi.ebco@railtelindia.com**, duly signed by Authorized Signatories (signed with ink) with Company seal & stamp.
2. The EOI response is invited from **Empaneled BAs of RailTel only**.
3. All the document must be submitted with proper indexing and page no.
4. **This is an exclusive partnership teaming arrangement. Selected Empanelled BA authorised signatory will have to give an undertaking that once the BA is selected will not participate directly or indirectly for this work with any other bidders. This undertaking has to be given with this EOI Response.**

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| We hereby certify that equipment and materials to be supplied are produced in [Enter 82 | |
| the name of country where from equipments & material shall be supplied] | |
| eligible source country. | 82 |
| We hereby certify that our company is incorporated and registered in [Enter the name | |
| of 82 | |
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1. Introduction about RailTel

RailTel Corporation of India Limited (RailTel), an ISO-9001:2000 organization is a 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.

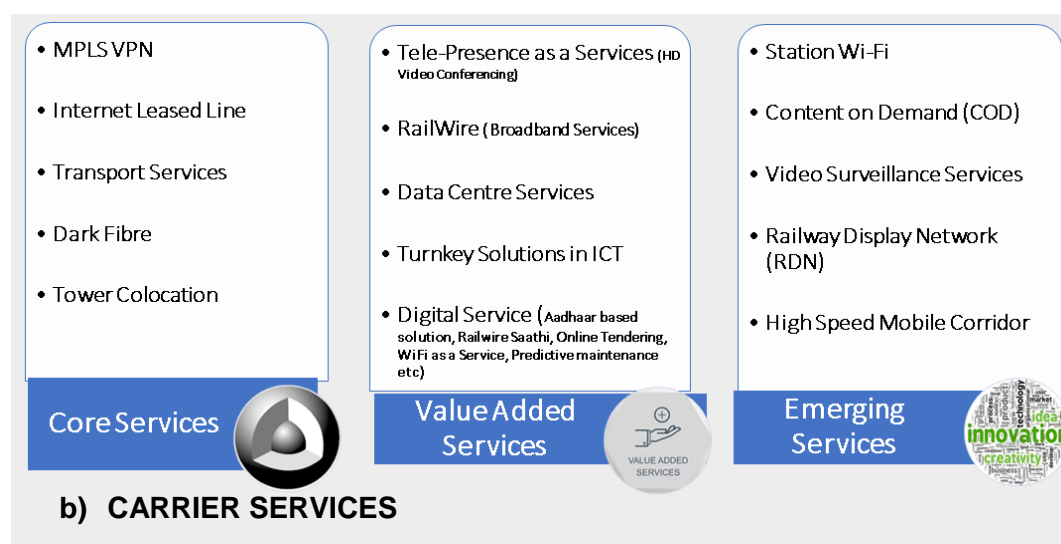
RailTel has approximately 58000 kms of OFC along the protected Railway tracks. The transport network is built on high capacity DWDM and an IP/ MPLS network over it to support mission critical communication requirements of Indian Railways and other customers. RailTel has Tier-III Data Center in Gurgaon 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):

a) 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:



1. 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
2. Lease Line Services: Available for granularities from E1, DS-3, STM-1 & above
3. Dark Fiber/Lambda: Leasing to MSOs/Telco's along secured Right of Way of Railway tracks
4. Co-location Services: Leasing of Space and 1000+ Towers for collocation of MSC/BSC/BTS of Telco's

c) ENTERPRISE SERVICES

1. Managed Lease Line Services: Available for granularities from E1, DS-3, STM-1 & above
2. MPLS VPN: Layer-2 & Layer-3 VPN available for granularities from 64 Kbps to nx64 Kbps, 2 Mbps & above
3. Dedicated Internet Bandwidth: Experience the "Always ON" internet connectivity at your fingertips in granularities 2mbps to 155mbps

d) RETAIL SERVICES

Rail Wire: Triple Play Broadband Services for the Masses. It is a pilot project undertaken by RailTel and currently services are offered out of Bangalore and nearby places.

2. Project Background and Objective of EOI

RailTel intends to participate in both PGCIL Tenders as Master System Integrator (MSI)/System integrator (SI) an upcoming U-NMS project for NER region (Tender ref no. of PGCIL: CC-CS/1057-NER/CommEqp-4167/3/G4 dated 26/10/2020).

RailTel invites EOIs from RailTel's Empaneled BAs for the selection of suitable BA for participating in above mentioned work. The empaneled BA is expected to have the ability to take up the work on back to back basis and who has good connect with the customer and local environment.

3. Scope of Work

The scope of work covered under the subject package shall include overall Project Management having Survey, Planning, Design, Engineering, Documentation, Integration, Supply, Delivery to site, Unloading, Insurance, Storing, Handling, transportation to final locations, Installation, Termination, Testing, Demonstration for acceptance, and Commissioning of following:

- a) Supply and Installation of Main & Backup UNMS system hardware and software along with associated items at respective UNMS Centers as per specified by customer. The new system shall be deployed in such a way that the operation of the existing systems should not be disturbed.
- b) Supply and Installation of State configuration including hardware & software for workstation, network switches, firewall & IDPS, Printer, Furniture etc.

- c) Integration of existing NMS and Network Elements (NE) with Main and Back up UNMS System. One channel of each NMS/NE to Main and Back up UNMS center shall be used for redundancy of respective UNMS Centers. The splitter required for redundant channels integration of NEs shall be in the scope of the BA.
- d) Development of complete Database, displays and reports either from scratch or by extracting existing database, displays and reports.
- e) Import and Adaption of database & displays made by Employer/Owner for existing NMS system including import of historical data stored in existing servers for integration in new system.
- f) Auxiliary Power Supply System Comprising of UPS with Battery set along with all necessary distribution board wherever required as per specified BoQ in TS.
- g) Integration & Testing with new EMS/NMS/NEs coming up during implementation and AMC period of this Contract.
- h) Integration & Testing with U-NMS at National level coming up during implementation and AMC period of this Contract.
- i) Technical and Commercial tie-ups with existing vendors for NMS/NEs and OEM's of U-NMS modules.
- j) Supply of Spares identified under AMC along with main items to meet the contingency during installation period and during AMC period
- k) All cabling, wiring, and interconnections to the equipments being supplied and to be integrated including communication equipment and power supply.
- l) Integration of all the supplied equipments and existing system
- m) The BA's scope shall include customization of its database, such as configuration of database, scan period and all other database parameters required to integrate existing system successfully.
- n) Shifting of existing system workstations and Installation of new system workstations at temporary location in parallel for intervening period.
- o) Shifting and Installation of new system in UNMS Centre. This shall include all the services including cabling, interface modification and shifting or re-shifting of system required for intervening period and for final shifting to main UNMS Centre. Re-cabling for some or all equipments as required for final shifting shall also be in the scope of supplier.
- p) Additional Hardware, software and services necessary to ensure compatibility with existing equipment
- q) Auditing of Cyber Security implementation by CERT-In listed Auditors during AMC
- r) Training Owner's personnel

- s) Comprehensive Maintenance of the supplied system for seven (7) years including one (1) year defect liability period as per specification including future UNMS/NMS/EMS & NE Integrations, Database configurations, Maintaining Spare inventory etc.
- t) Integration with third party Applications: The new UNMS Systems being supplied shall have provision to exchange data with the existing and or to be purchased third party applications of Employer/Owner in standard formats like ODBC, OPC & XML etc.
- u) GI/Aluminum cable trays/trace ways with covers shall be supplied by the BA for laying cables so that cable can be protected from rodents. These cable trays/trace ways shall be screwed/ fixed on the floor by the BA.
- v) BA shall supply necessary interface (Hardware and software) for sniffing/tapping the existing NMS/EMS/NEs for parallel operation of new system with existing system.

The above scope of work is indicative and the detailed scope of work is given in the Technical Specification of the end customer (PGCIL's) tender documents with latest amendments and clarifications.

However, the scope of work will be as mentioned in the PGCIL Bid documents for **“Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in North Eastern Region (NER) under Establishment of State-of-the-Art Unified Centralized Network Management System U-NMS for ISTS and State Utility Communication Network”**

In case of any discrepancy or ambiguity in any clause/ specification pertaining to scope of work area, the Tender released by end Customer Organization shall supersede and will be considered sacrosanct. (All associated clarifications, responses 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 soft copy through an email (PDF/Hard Copies).

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 BA, 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.

4.4 Period of Validity of bids and Bid Currency

Bids shall remain valid for a period of 180 days from the date LOI issued by the end customer for which bid is going to submit.

4.5 Bidding Process (Single Packet System)

The bidding process will consist of single packet two envelop system.

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 The EOI EMD may be forfeited if a bidder withdraws his offer or modifies the terms and conditions of the offer during validity period.
- 4.6.4 In case of BA's offer is selected for bidding, a bidder has to furnish Earnest Money Deposit (for balance amount as mentioned in the customer's Bid as applicable) as back to back arrangement for the bid to RailTel. The selected BA shall have to submit a Bank Guarantee against EMD in proportion to the quoted value/scope of work to RailTel as back to back arrangement for the bid before submission of bid to end customer as and if applicable.
- 4.6.5 EOI EMD of the unsuccessful BA shall be returned without interest after completion of EOI process.
- 4.6.6 EOI-EMD & back to back Earnest Money Deposit of the successful bidder will be discharged / returned as promptly as possible after the receipt of RailTel's EMD/BG on back to back basis from the Customer and or on receipt of Security Deposit Performance Bank Guarantee as applicable (clause no. 4.7) from BA whichever is later.
- 4.6.7 In case of non submission of SD/PBG (as per clause no. 4.7) lead to forfeiture of EOI EMD and back to back EMD.

4.7 Security Deposit / Performance Bank Guarantee (PBG) as per Tender Package.

- 4.7.1 In case the bid is successful, the PBG also will have to be submitted to RailTel on back to back basis.

- 4.7.2 In case work share arrangements are mutually agreed between RailTel and Business Associate then the PBG will be proportionately decided and submitted by the selected BA.

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 treated, as final and no modification will be permitted. No correspondence in this regard will be entertained.

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, EOI-EMD and Earnest Money Deposit shall be forfeited and may be blacklisted. In additions to this, all interests/claims of such Business Associate shall be deemed as foreclosed.

4.10 Details of Financial bid for the above referred tender

The final bid for the tender will be prepared jointly with the selected Business Associate so that the optimal bid can be put with a good chance of winning the Tender.

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 a pre-bid agreement with selected BA with detailed Terms and conditions.

5. Eligibility Criteria

5.1 Eligibility Criteria for Bidding Business BA of RailTel (Mandatory Compliance & Document Submission)

| S No. | Particulars | Criteria for Tender Package(Mandatory Compliance & Document Submission) |
|-----------|---|---|
| A) | Financial Conditions | |
| i) | BA should be registered under Companies Act, 1956 | 1. Certificate of Incorporation 2. GST Registration |

| S No. | Particulars | Criteria for Tender Package(Mandatory Compliance & Document Submission) |
|-----------|--|---|
| | or Companies Act 2013 or as amended and should have at least 3 years of operations in India as on bid submission date. | 3. PAN Card |
| ii) | BA individually or jointly with UNMS OEM (BA + UNMS OEM) should have a minimum cumulative annual turnover of Rs. 170 Cr during the last three financial years & current year (i. e. FY 2017-18, FY 2018-19, FY 2019-20) from ICT/IT/Telecom/ Projects. Out of total turnover criteria Business Associate must have at least 40% of the required turnover value . | Turnover Certificate issued by the Chartered Accountant. Certificate should contain UDIN no. issued by ICAI |
| iii) | Bidder shall have liquid Assets (LA) / or / and evidence of access to or availability of credit facilities not less than 19.11 Crs. | Bidder should submit as per format Form No. 16 of the end customer Tender. (Refer Annexure-10) |
| iv) | BA should also have a positive net worth in the last 3 financial years (FY 2017-18, FY 2018-19 & FY 2019-20) | Positive Net Worth Certificate issued by the Statutory Auditors partner for the last three financial years (FY 2017-18, FY 2018-19 & FY 2019-20). Certificate should contain UDIN no. issued by ICAI |
| B) | Technical Conditions | |
| v) | BA should propose an OEM having its own UNMS product which have been installed & commissioned in at least two (2) UNMS/OSS project in the last seven (7) years meeting the tender requirement mentioned at 2.1(B) and of which at least one project is in successful operation for at least one (1) year as on 01.12.2020. | Certificate issued by the Employer (an end user) certifying the operation of proposed OEM's UNMS/OSS without any adverse remark. OEM must have an active engagement with bidder (RailTel) for the entire period of contract. * A Joint Deed of Undertaking (JDU) duly signed by OEM as per the end customer Tender format to be submitted. (Annexure 7). The same is as per tender condition of PGCIL. 2.1 (B) OEM Experience required: UNMS Product in each of the above project must have following: |

| S No. | Particulars | Criteria for Tender Package(Mandatory Compliance & Document Submission) |
|--------------|---|---|
| | | <p>a) Integration of management system (EMS/NMS) of either of the transmission technologies SDH/PDH/DWDM/CWDM/MPLS/GPON/PTN/ASON of at least two OEMs and 500 Network Elements (NEs)</p> <p>b) Implementation of following functionalities</p> <p>(i) Fault Management & Route Cause Analysis (RCA)</p> <p>(ii) Performance Management</p> <p>(iii) Consolidated Reporting & Dash Boarding</p> |
| vi) | BA should be in the business of Telecom ICT - like supply of Telecom/ICT equipment/ services during last preceding 7 financial years. | Documentary evidence such as Certificate from Customer for satisfactory services/supply/Payments along with Customer's purchase orders/ work orders etc. |
| vii) | BA should have requisite MAF as per requirement of end customer Tender from the OEMs proposed along with the solution | <p>a) OEM's Authorized Letter & MAF as per end customer tender format.</p> <p>b) The BA will ensure and responsible for the successful JDU (Joint Deed of Undertaking) with respective OEM (for supply of application software modules, Server hardware etc.) and RailTel, to ensure timely Supply, Installation, Commissioning, Performance/SLA(s), Warranty & Maintenance as specified in Technical Specifications. Contractor & respective major OEM(s) of offered product(s) shall sign and submit a Teaming Agreement, which shall at least include items as mentioned in Annexure 6.</p> |
| C) | Annexures | |
| viii) | Annexure 1 | Covering Letter: Self-certification duly signed by authorized signatory on company letter head. |
| ix) | Annexure 2 (a) | The Bidder should agree to abide by all the technical, commercial & financial conditions of the PGCIL Tender Package for which EOI is submitted on back to back basis. |
| | (b) | Self-certification duly signed by authorized signatory on company letter head. The bidder should agree to abide by all the technical, commercial & financial conditions of the PGCIL Tender Package for which EOI is submitted on back to back basis except pricing of the RailTel. RailTel shall release payment to selected bidder after the receipt of corresponding payment from end customer PGCIL by RailTel. If selected bidder fails to execute its portion of work, then the same shall be executed by RailTel through third party or departmentally at the risk and cost of selected bidder. RailTel reserves the right to terminate the contract in case of non-performance of the BA. |

| S No. | Particulars | Criteria for Tender Package(Mandatory Compliance & Document Submission) |
|--------|--------------------|---|
| | (c) | The bidder should comply with all OEM compliances and documentation required end to end as per PGCIL UNMS Tender requirements. |
| | (d) | The bidder needs to submit the arrangement of OEMs against each of the BOQ item quoted as mentioned in PGCIL UNMS Tender. |
| | | |
| x) | Annexure 3a | An undertaking signed by the Authorized Signatory of the company to be provided on letter head. <i>The Bidder should not have been blacklisted/debarred by any Governmental/Non-Governmental Organization in India as on bid submission date.</i> |
| | Annexure 3b | Declaration regarding events encountered |
| xi) | Annexure 4a | Affidavit of Self certification regarding Minimum Local Content |
| xii) | Annexure 4b | Certificate for percentage of Local Content, in line with PPP-MII order and DoT order |
| xiii) | Annexure 5 | Self-certification duly signed by authorized signatory on company letter head that they will sign MOU/Agreement, Non-Disclosure Agreement on a non-judicial stamp paper of Rs. 100/- in the prescribed Format. The selected bidder shall have to sign MOU/ agreement, Pre-Contract Integrity Pact & non-disclosure agreements with RailTel. |
| xiv) | Annexure 6 | OEM Compliance (From OEM on their Letter Head) |
| xiv) | Annexure 7 | Joint Deed of Undertaking from major OEM's |
| xv) | Annexure 8 | Schedule for Rates and Prices |
| xvi) | Annexure 9 | Undertaking for BA Responsibilities and Obligations |
| xvii) | Annexure 10 | BID SECURITY FORM |
| xviii) | Annexure 11 | (Form-16) Format for evidence of access to or availability of credit/facilities |
| xix) | Annexure 12 | Format of value-addition certificate on half-yearly basis(Sep 30 and Mar 31), dully certified by the statutory auditors of the domestic manufacturer. |
| xx) | Annexure 13 | FORM OF BANK GUARANTEE FOR CONTRACT PERFORMANCE (TO BE SUBMITTED BY COLLABORATOR/ASSOCIATE) |
| xxi) | Annexure 14 | Qualifying Requirement Data |
| xxii) | Annexure 15 | Manufacturer's Authorization Form |
| xxiii) | Annexure 16 | KMP Declaration |
| xxiv) | Annexure 17 | Affidavit of Self certification regarding Minimum Local Content |
| xxv) | Annexure 18 | Certificate from statutory auditor or cost auditor of the company |

| S No. | Particulars | Criteria for Tender Package(Mandatory Compliance & Document Submission) |
|--------------|--|--|
| xxvi | Annexure 19 | Authorization certificate issued by Domestic Manufacturer for selling Domestically Manufactured Iron & Steel Products |
| xxvii | Annexure 20 | Format for Affidavit of Self Certification regarding Domestic Value Addition in Iron & Steel Products |
| xxviii | Annexure 21 | Compliance to the process related to the e-RA Terms & Conditions and the Business Rules governing the e-RA |
| xxiv | Annexure 22 | Certification by the Bidder per order no. F.No.6/18/2019-PPD dated 23/07/2020 issued by Public Procurement Division, Department of Expenditure, Ministry of Finance, Government of India (DoE Order) in line with ITB 2.1 |
| xxv | Annexure 23 | Bid-Securing Declaration |
| xxvi | Annexure 24 | Format for Affidavit |
| xxvii | Annexure 25 | Form of Certificate of Origin and Eligibility |
| xxviii | Power of Attorney | Power of Attorney and Board Resolution in favour of one of its employees who will sign the Bid Documents. |
| xxix | Additional Documents to be Submitted | 1. Technical proposal 2. Network Architecture 3. Product Catalogues 4. Technical compliance |
| | | |
| xxx | Annexure 8 (in Separate envelope) | Schedule for Rates and Prices |

Note:

*Once work is awarded by the customer, BA will ensure and responsible for the successful JDU (Joint Deed of Undertaking) with respective OEM for the successful performance of the entire system as per the format specified in **Annexure – 7** along with additional Contract Performance Guarantee equivalent to 3 % of the Ex-works cost of UNMS from the OEM whose product is being offered.

In case after the selection of the BA it is found at later stage that the bidder has suppressed any material, technical, financial information or provided misinformation in its proposal against this EOI, in such case all financial, legal or any liability arises on this account shall be fully recoverable from such BA. In addition, RailTel reserves the right to take further action as per RailTel Policy.

5.2 Credential Verification:

- 1) The BA shall submit along with the EOI document, documents in support of his/their claim to fulfill the eligibility criteria as mentioned in the EOI document. Each page of the copy of documents/ certificates in support of credentials, submitted by the BA, shall be self-attested/digitally signed by the BA or authorized representative of the tendering firm. Self-

attestation shall include signature, stamp and date (on each page). Only those documents which are declared explicitly by the BA as “documents supporting the claim of qualifying the laid down eligibility criteria”, will be considered for evaluating his/their EOI.

- 2) The BA shall submit a notarized affidavit on a non-judicial stamp paper stating that they are not liable to the disqualified and all their statements/documents submitted alongwith bid are true and factual. Standard format of the affidavit to be submitted by the bidder is available in Form No. 4. Non-submission of an affidavit by the bidder shall result in summary rejection of his/their bid and it shall be mandatory incumbents upon the BA to identify, state and submit the supporting documents duly self-attested by which they/he is qualifying the Qualification Criteria mentioned in the EOI document. It will not be obligatory on the part of the RailTel to scrutinize beyond the submitted document of BA as far as his qualification for the EOI is concerned.
 - a. The RailTel reserves the right to verify all statements, information and documents submitted by the BA in his EOI offer, and the BA shall, when so required by the RailTel, make available all such information, evidence and documents as may be necessary for such verification. Any such verification or lack of such verification, by the RailTel shall not relieve the bidder of its obligations or liabilities here under nor will it affect any rights of the RailTel thereunder.
 - b. In case of any wrong information submitted by the BA, the contract shall be terminated, Earnest Money Deposit (EMD), Performance Guarantee (PG) and Security Deposit (SD) of contract forfeited and agency barred for doing business on entire RailTel for 5 (five) years.

6 Bidder's Profile

The bidder shall provide the information in the below table:

| S. No. | ITEM | Details |
|--------|---|---------|
| 1. | Full name of bidder'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 /Process

- 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 the basis of overall L1 offer (lowest bidder).
- 7.3 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.
- 7.4 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 All payments shall be paid on back to back basis. RailTel shall make payment to selected Business Associate after receiving payment from the end customer for the successful completion portion. In case of any penalty or deduction made by the end customer, the same shall be deducted from the selected BA.
- 8.2 Compliance to payment terms as defined in Organization tender for “**Supply, Installation, Commissioning, End to End Integration, Operation, Maintenance and upgradation of Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in Northern Region (NR) under Establishment of State-of-the-Art Unified Centralized Network Management System U-NMS for ISTS and State Utility Communication Network**”

9 SLA

The selected bidder will be required to adhere to the SLA matrix as defined in the **End Customer U-NMS** tender for his scope of work and the SLA breach penalty will be applicable proportionately on the selected bidder, as specified in the **Organization U-NMS Tender**. The SLA scoring and penalty deduction mechanism for in-scope of work area shall be **followed as specified in the Tender**. 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 Bidder will be passed on to the Bidder proportionately based on the its scope of work.

Annexure 1: Format for COVERING LETTER

COVERING LETTER (To be on company letter head)

Eol Reference No:

Date:

To,

RailTel Corporation of India Ltd.
Plate-A, 6th Floor, Office Tower-2,
NBCC Building, East Kidwai Nagar, New Delhi-110023

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,

RailTel Corporation of India Ltd.
Plate-A, 6th Floor, Office Tower-2,
NBCC Building, East Kidwai Nagar, New Delhi-110023

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 UNMS Tender for which EOI is submitted on back to back basis except pricing and termination of the RailTel. RailTel shall release payment to selected bidder after the receipt of corresponding payment from end customer PGCIL by RailTel. If selected bidder fails to execute its portion of work, then the same shall be executed by RailTel through third party or departmentally at the risk and cost of selected bidder. RailTel reserves the right to terminate the contract in case of non performance of the BA.
- 3) We agree to abide by all the technical, commercial & financial conditions of the UNMS Tender for which EOI is submitted on back to back basis.
- 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 UNMS Tender. We are hereby enclosing the arrangement of OEMs against each of the BOQ item quoted as mentioned UNMS Tender.
- 5) We hereby undertake to work with RailTel as per customer /UNMS tender terms and conditions. We confirm to submit all the supporting documents constituting/ in compliance with the Criteria as required in the UNMS tender 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 on back to back basis. However, RailTel can have the option of retaining some part of work on mutual discussion where RailTel has competence.
- 7) We hereby agree to submit that in case of being selected by RailTel as BA for the UNMS Tender (for which EOI is submitted on back to back basis), we will submit all the forms, appendix, relevant

documents etc. to RailTel that is required and desired by end Customer on back to back basis well before the bid submission date by end customer and as and when required.

Authorized Signatory

Name & Designation

Annexure 3a: Undertaking for not Being Blacklisted/Debarred

<To be printed on Non-judicial stamp paper of INR 100/- and duly attested by notary public>

Undertaking for not Being Blacklisted/Debarred

To,

RailTel Corporation of India Ltd
Plate-A, 6th Floor, Office Tower-2,
NBCC Building, East Kidwai Nagar, New Delhi-110023

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 3b: Declaration regarding events encountered

Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in NER under Establishment of State of Art Unified Network Management System (U-NMS) for ISTS & State Utility Communication network in North Eastern Region (NER).

(Declaration regarding events encountered pursuant to end customer's ITB Clause 2.1)

Bidder's Name and Address :

To:

Name :

RailTel Corporation of India Ltd.

Address :

Plate-A, 6th Floor, Office Tower-2,
NBCC Building, East Kidwai
Nagar, New Delhi-110023

Dear Sir,

- 1.0 In accordance with the relevant provisions of the bidding documents inter-alia including for assessment of capacity and capability, we furnish herewith our data/details/documents along with other information, as follows

| Sr. No. | Event | | |
|---------|---|--------------------------|------------------|
| 1. | Whether there was Termination of Contract(s) due to Partners's default | <input type="checkbox"/> | Yes |
| | | <input type="checkbox"/> | No |
| 2. | Whether there was Encashment of CPG(s) due to non-performance | <input type="checkbox"/> | Yes |
| | | <input type="checkbox"/> | No |
| 3. | Whether there was repeated failure of major Equipment(s) while in service* | <input type="checkbox"/> | Yes |
| | | <input type="checkbox"/> | No |
| 4. | Whether substantial portion of works (<u>more than 50% of the Contract**</u>) is sub-contracted, under an existing Contract | <input type="checkbox"/> | Yes |
| | | <input type="checkbox"/> | No |
| 5. | Whether more than 25% of the Contract price (awarded value), in aggregate, is paid to sub-contractors/suppliers as Direct payment, under an existing Contract, due to financial position of Partner | <input type="checkbox"/> | Yes |
| | | <input type="checkbox"/> | No |
| 6. | Firm has been referred to NCLT under Insolvency & Bankruptcy Code (<i>IRP has been appointed or Liquidation proceedings have been initiated under IBC</i>) | <input type="checkbox"/> | Yes [@] |
| | | <input type="checkbox"/> | No |

Note:

1. Information regarding events at Sl. No. 1 to 5 shall be furnished for events occurred during last one year under the contract(s) executed by you for POWERGRID (Owned as well as Consultancy)

*2. In case POWERGRID has issued a letter in this regard wherein the firm has been put on hold from award of further contract(s) for a specified period and this specified period of hold is yet to expire, the bidder shall indicate "Yes" against this event.

**3. For the purpose of working out 50% of the Contract, following shall be taken into account suitably:

(a) Scope of the contract which is permissible to be sub-contracted as per bidding documents, shall be excluded.

(b) Scope of the Contract which primarily relates to the Qualification Requirement (QR) of the bidder as illustrated below:

| Sl. No. | Type of Package/ Contract | Main aspect of the QR | Criteria for working out 50% of the Contract |
|---------|-----------------------------|-----------------------------------|--|
| 1. | Conductor/Insulator Package | Manufacture & Supply | 50% of the total supply of Conductor/Insulator under the Contract |
| 2. | Tower Package | Construction of Transmission Line | 50% of the total Transmission Line construction under the Contract |
| 3. | Substation(AIS) Package | Construction of bays | 50% of the total bays construction under the Contract |
| 4. | Transformer/Reactor | Manufacture & Supply | 50% of the total supply of Transformer/Reactor under the Contract |
| 5. | Substation(GIS) Package | Manufacture & Supply of GIS bays | 50% of the total supply of GIS bays under the Contract |

The guiding principles as illustrated above shall be followed while dealing with other packages/contracts.

@4. Regarding Sl. No. 6, in case of 'Yes', following information shall be submitted additionally:

Date on which the firm has been referred to NCLT under Insolvency & Bankruptcy Code (IRP has been appointed or Liquidation proceedings have been initiated under IBC)

Whether the process under IBC has been concluded
(If yes, supporting documents be submitted)

☐ Yes
☐ No

2.0 We confirm that the above information/declarations and documents submitted in support of the same are true and correct to the best of our knowledge. We understand that any false declaration and/or misrepresentation of facts and/or false/forged documents/information may lead to our debarment from participation in Employer tenders and that our Bid

Security/Contract Performance Guarantee may be forfeited besides other actions as deemed to be appropriate as per the provisions of the Bidding Documents/Integrity Pact/Employer's policy.

Date :

Printed Name :

Place :

Designation :

Annexure 4a: Affidavit of Self certification regarding Minimum Local Content

Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in NER under Establishment of State of Art Unified Network Management System (U-NMS) for ISTS & State Utility Communication network in North Eastern Region (NER).

Format for Affidavit of Self certification regarding Minimum Local Content in line with PPP-MII order, 2017 and MoP Order December 2018 if applicable, to be provided on a non-judicial stamp paper of Rs. 100/-.

I _____ S/o, _____ D/o, _____ W/o, _____ Resident
of _____ hereby solemnly affirm
and declare as under:

That I will agree to abide by the terms and conditions of the Public Procurement (Preference to Make in India) Order, 2017 of Government of India issued vide Notification No:P-45021/2/2017 -BE-II dated 15/06/2017, its revision dated **04/06/2020** (hereinafter **PPP-MII order**), Public Procurement (Preference to Make in India) Order, 2017- Notification of Telecom products, Services or Works issued vide Notification No. 18-10/2017-IP dated 29.08.2018 by Department of Telecommunications (DoT), (hereinafter, **DoT-Order**) and any subsequent modifications/Amendments, if any and

That the information furnished hereinafter is correct to the best of my knowledge and belief and I undertake to produce relevant records before the procuring entity/POWERGRID or any other Government authority for the purpose of assessing the local content of goods/services/works supplied by me for **Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in NER under Establishment of State of Art Unified Network Management System (U-NMS) for ISTS & State Utility Communication network in North Eastern Region (NER).**

That the local content for all inputs which constitute the said goods/services/works has been verified by me and I am responsible for the correctness of the claims made therein.

That the 'Local Content 'as defined in the PPP-MII order and DoT order in the goods/services/works supplied by me for Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in NER under Establishment of State of Art Unified Network Management System (U-NMS) for ISTS & State Utility Communication network in North Eastern Region (NER) is percent (%).

That the goods/services/works supplied by me for **Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in NER under Establishment of State of Art Unified Network Management System (U-NMS) for ISTS & State Utility Communication network in North Eastern Region (NER)** meet the 'Local Content' requirement as defined in the PPP-MII order and DoT order for '**Class –I local supplier**'.

That the value addition for the purpose of meeting the 'Local Content 'has been made by me at (*Enter the details of the location(s) at which value addition is made*).

That in the event of the local content of the goods/services/works mentioned herein is found to be incorrect and not meeting the prescribed Local Content criteria, based on the assessment of procuring agency (ies)/POWERGRID/Government Authorities for the purpose of assessing the local content, action shall be taken against me in line with the PPP-MII order, **DoT order** and provisions of the Integrity pact/ Bidding Documents.

I agree to maintain the following information in the Company's record for a period of 8 years and shall make this available for verification to any statutory authority.

- i Name and details of the Local Supplier
(Registered Office, Manufacturing unit location, nature of legal entity)
- ii. Date on which this certificate is issued
- iii. Goods/services/works for which the certificate is produced
- iv. Procuring entity to whom the certificate is furnished
- v. Percentage of local content claimed and whether it meets the Local Content prescribed for '**Class–I local supplier**'
- vi. Name and contact details of the unit of the Local Supplier (s)
- vii. Sale Price of the product
- viii Ex-Factory Price of the product

- ix. Freight, insurance and handling
- x. Total Bill of Material
- xi. List and total cost value of input used to manufacture the Goods/to provide services/in construction of works
- xii. List and total cost of input which are domestically sourced. Value addition certificates from suppliers, if the input is not in-house to be attached
- xiii. List and cost of inputs which are imported, directly or indirectly

For and on behalf of..... (Name of firm/entity)

Authorized signatory (To be duly authorized by the Board of Directors)

<Insert Name, Designation and Contact No.>

Annexure 4b: Certificate for percentage of Local Content, in line with PPP-MII order and DoT order

Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in North Eastern Region (NER) under Establishment of State-of-the-Art Unified Centralized Network Management System U-NMS for ISTS and State Utility Communication Network.

Certificate from statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of Local Content, in line with PPP-MII order and DoT order, if applicable [to be submitted on the letter head of the issuer.]

Dear Sir,

We have read and understood the provisions of “Public Procurement (Preference to Make in India) Order, 2017” dated 15/06/2017, its revision dated 04/06/2020 and any subsequent modifications/Amendments, if any [hereinafter, “PPP-MII Order”] issued by Department of Industrial Policy and Promotion (DIPP), Ministry of Commerce and Industry, Government of India and Public Procurement (Preference to Make in India) Order, 2017- Notification of Telecom products, Services or Works issued vide Notification No. 18-10/2017-IP dated 29.08.2018 by Department of Telecommunications (DoT) [hereinafter, “DoT-Order”] and any subsequent modifications/Amendments, if any.

In line with the provisions of the PPP-MII Order **and DoT Order**, M/s.[Enter the name of the Bidder] [hereinafter, “**Class-I Local Supplier**” have submitted an Affidavit of self-certification to M/s. Power Grid Corporation of India Limited [hereinafter, POWERGRID] regarding Local Content in Goods/Services/Works to be supplied by the “**Class-I Local Supplier**” for **Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in North Eastern Region (NER) under Establishment of State-of-the-Art Unified Centralized Network Management System U-NMS for ISTS and State Utility Communication Network [Spec No: CC-CS/1062-NR1/CommEqp-4191/3/G5]**, wherein they have agreed to abide by the terms and conditions of the PPP-MII Order **and DoT Order**.

Further, in line with the PPP-MII Order, the statutory auditor or cost auditor of the company (**in the case of companies**) or a practicing cost accountant or practicing chartered accountant (**in respect of suppliers other than companies**) shall provide a certificate giving the percentage of Local Content in the Goods/Service/Works to be supplied by the “**Class-I Local Supplier**” for [Enter the name of the package].

Accordingly, we, the Statutory Auditor(s) / Cost auditor of the “**Class-I Local Supplier**” a practicing cost accountant or practicing chartered accountant [**choose as applicable**], certify that the Local Content as defined under the PPP-MII **and DoT Order**, in the Goods/Service/Works to be supplied by the “**Class-I Local Supplier**” for **Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in North Eastern Region (NER) under Establishment of State-of-the-Art Unified Centralized Network Management System U-NMS**

for ISTS and State Utility Communication Network [Spec No: CC-CS/1062-NR1/CommEqp-4191/3/G5] is percentage [*specify the percentage of Local content*].

For and on behalf of,

Date:

<<Statutory Auditor's/ Cost auditor's/ Cost accountant's/ Chartered accountant's attestation>>
Firm Reg No. Membership No.

Note: This is a guiding format. In case the bidder submits the certificate in a format different from the above, the same may be considered provided it meets the intent and purpose, as may be ascertained by POWERGRID(end customer).

Annexure 5: Non-Disclosure Agreement (NDA) Format

CONFIDENTIAL AND MUTUAL NON- DISCLOSURE AGREEMENT

THIS AGREEMENT MADE ON THIS ____ DAY OF ____, 2020 AT New Delhi

BETWEEN

_____ a company incorporated in India under the provisions of the Companies Act, 1956 and having its Registered Office at _____ (hereinafter referred to as "Company") represented by its Managing Director / CEO Mr./Ms _____ duly authorized for the same which expression shall unless repugnant to the meaning or context thereof be deemed to mean and include, its Directors, affiliates, successors and permitted assigns of the **FIRST PART**

AND

RailTel Corporation of India Limited, is a Government of India undertaking under the Ministry of Railways duly incorporated under the provisions of the Companies Act, 1956 and having its registered office and Corporate office at Plat-A, 6th Floor, Office Block Tower-2, East Kidwai Nagar, New Delhi- 110023 (hereinafter referred to as "RailTel") , represented by Dy. General Manager/Law & CS Mr. J.S. Marwah duly authorized for the same which expression shall mean and include unless repugnant to the context, its successors, representative and permitted assigns of the **SECOND PART**

WHEREAS

- A. Company is poised to provide _____ services to _____ for _____ project.
- B. RAILTEL is a Public Sector Undertaking (a 100% owned PSU under the Ministry of Railways), setup inter alia to exploit Indian Railway's large telecom infrastructure.
- C. COMPANY and RAILTEL are working-out/ negotiating a possible commercial and strategic business relationship (hereinafter Purpose).
- D. During the course of the above negotiations RAILTEL and COMPANY (including their affiliates may in conjunction with the purpose and for their mutual benefit, disclose to each other certain information being proprietary and/or of confidential nature, and/or RAILTEL and COMPANY may receive and share or be grant access by the other to such confidential and/or proprietary information which is considered trade secret, proprietary, confidential and/ or sensitive;
- E. The parties and its affiliates wish to ensure the protection and secrecy of their respective confidential information which may be disclosed, received or granted access to by the other party and wish to reduce to writing, their agreement in this respect.

NOW THEREFORE in consideration of the mutual promises, covenants and representations recorded herein by the parties hereto and such additional promises and understanding as are hereinafter set forth, the parties agree as follows:

1) Definition

For the purpose of this agreement, the term 'Confidential Information' shall mean and include any information or data of a scientific, technical, commercial or financial nature disclosed by the Disclosing party to the Receiving Party or which is obtained by a party from the other whether in writing, pictorially, in machine readable form, on disc, mail or orally, or by any other means/ modes of disclosure and including without limitation any information contained in any written or printed document, hardware, firmware and software, information related to technology and business activities (including, but not limited to, communication systems, telecommunication, business outlooks, revenue, pricing, trade secrets), computer programs, software (including, without limitations, code, software output, screen displays, file hierarchies and user interfaces), formulas, data, inventions, techniques, technology, know-how, processes, ideas, (whether patentable or not), schematics, specifications, drawings, product designs, product plants, programming, services, strategies, third party confidential information, and corporate and personnel statistics, customer lists (potential or actual) and other customer-related information, supplier information, sales statistics, market intelligence, marketing, business working, operations, parent, subsidiaries, affiliates and other business strategies and other commercial information of a confidential nature.

(a) The party disclosing the Confidential Information is referred herein to as "Disclosing Party" and the party to which such Confidential Information is disclosed is referred to herein as "Recipient Party".

(b) "Affiliate" of the Party shall mean the Company or other person who or which is either controlled by the respective Party or who controls the respective Party or who or which is controlled by same person/ entity who controls the respective Party, either by way of significant shareholding, voting rights or technical collaboration whether directly or indirectly through its affiliate.

- 2) Neither party shall be required to disclose any particular information (including but not limited to Confidential Information) to the other and disclosure of any such information shall be entirely voluntary and at the sole discretion of the parties and to the extent deemed necessary by it and is not intended to, and shall not, create any contractual or other relationship or obligation of any kind beyond the terms of this Agreement nor any provision or disclosure of information (including but not limited to Confidential Information) as contemplated hereunder, shall be construed as creating, conveying, transferring by one party on the other any rights, license or authority in or to the information provided. The parties hereto shall use the Confidential Information only for the limited purpose of exploring/ finalizing the possible business relationship between the parties hereto and for no other purpose whatsoever.
- 3) Both the parties acknowledge and understand that any exchange of confidential Information of any nature shall not commit or bind the other to enter into a contract or otherwise and that neither party shall rely on any information provided by the other as a commitment or an inducement to act or not to act in any given manner. Further neither party shall be liable to the other in any manner whatsoever for any decisions, obligation, costs or expenses incurred, changes in business practices, plans, organization, products, services or otherwise of the other, as a result of this Agreement or any exchange of Confidential Information hereunder.
- 4) Both the Parties agrees and undertake to regard and preserve as Confidential Information provided by each to the other or which may be disclosed, received or granted access to by either party or come to the knowledge of either party in any manner in connection with the negotiations for the possible business relationship.
- 5) (a) In maintaining the Confidential Information hereunder both parties agree that they shall not, without first obtaining the written consent of the other, disclose or make available to any person, firm or enterprise, reproduce or transmit, or use (directly or indirectly) for its own benefit or the benefit of others, any Confidential Information save and except that either party may disclose any Confidential Information to its Directors, officers, employees, or advisors on a "need to know" basis to enable them to evaluate such "Confidential Information" in connection with the negotiation for the possible business relationship between the Parties hereto.

(b) Both parties shall ensure that the said employee(s) and / or the said person(s) shall maintain confidentiality with regard to the disclosed Confidential Information, if any, and shall issue suitable instructions and/or get suitable written undertakings or agreements executed to binds its employees and/or the said person(s) to the same obligations of confidence and safeguarding as the parties hereto and to adhere to the confidentiality/ non disclosure terms contained in this Agreement.

(c) Save and except for the purposes mentioned in clause (a) above both parties further agree that neither party will part with/ disclose any "Confidential Information" received by it to any other person directly or indirectly nor make copy(s) or reproduce in any way (including without limitation store in any computer or electronic system any written material/ documents containing "Confidential Information" and such written material/ documents will be retained under strict confidentiality by the receiving party.

(d) Both parties further agree that the confidential information which may pertain to or touch upon any regulatory aspects and/or dealings of either party with any statutory / government/ related agencies/ bodies, whether the said information is received verbally or in writing, will not be disclosed in any manner, either directly or indirectly, to any other persons except to its Directors, employees or advisors on a strictly 'need to know' basis.

(e) 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.

- 6) It is mutually acknowledged and agreed that information shall not be considered "Confidential Information" to the extent, that such information : (a) at the time of disclosure was in the public domain or (b) is already known to the receiving party free of any confidentiality obligation at the time it is obtained from other party; or (c) after disclosure is or becomes publicly known or available through no wrongful act of the receiving party; or (d) is rightfully received from a third party without restriction or (e) is approved for release, disclosure, dissemination or use by written authorization from the Disclosing Party; or (f) is required to be disclosed pursuant to a requirement of a governmental agency or law so long as the parties provide each other with timely prior written notice of such requirement and provide all reasonable co-operation in regard to taking protective action against such disclosure requirement; or (g) is disclosed after expiry of 5 (five) years from the date of expiry or earlier termination of this agreement.

However, before any party discloses any Confidential Information under clause 6, either party (to the extent permitted by law) uses its best endeavour to:

- (a) inform other party of any circumstances and the information that will be disclosed
- (b) give the other party a copy of a legal opinion indicating that disclosure is necessary
- (c) consult with the other party as to possible steps including without limitation, protective orders or other appropriate remedy to avoid or limit disclosure and take those steps where they would not result in significant adverse consequences to the other party and
- (d) gain assurances as to the confidentiality from the body to whom the information is to be disclosed.

If either party is unable to inform the other party before confidential information is disclosed it will (to the extent permitted by law) inform the other party of the full circumstances of the disclosure and information that has been disclosed immediately after disclosure.

- 7) Both parties further agree and undertake not to disclose the information marked "Confidential Information" of the other to their agents or contractors without prior written approval from the other and without having first obtained from each agent or contractor a separate written agreement or undertaking binding them to the same obligations of confidence and safeguarding.
- 8) The parties further recognize that it may be necessary or appropriate for COMPANY to disclose Confidential Information to other Group Companies not named herein. For this purpose, COMPANY guarantees the observance and proper performance of other Group Company to whom Confidential Information is disclosed as above, of the terms and conditions of this agreement .
- 9) Both parties further agree to indemnify and keep indemnified each other against all actual loss and damage which the Disclosing Party may suffer as a result of any breach of this agreement by the Recipient Party of the Confidential Information. Provided always that
 - a. the Disclosing Party shall forthwith give written notice to the recipient Party of the loss and damage; and
 - b. the Recipient Party shall be furnished with satisfactory documentary evidence of such actual loss and damage.
- 10) Both parties further agree that upon termination/ expiry of this Agreement or at any time during its currency, at the request of the Disclosing Party the Recipient Party shall promptly (and in any case, within 15 days of request), deliver to the Disclosing Party all copies of the Confidential Information in its possession or under its direct or indirect control or shall destroy all memoranda, notes and other writings prepared by the recipient party or its affiliates, Directors, officers, employees or advisors to the extent the same are based on the confidential information with a written statement to the effect that upon such return the Receiving Party has not knowingly retained in its possession or under its control, either directly or indirectly, any Information or copies of such (other than Confidential Information embedded in the Receiving Party's records).

The confidentiality obligations set out herein above shall survive any such return or destruction of Information. Further The provisions setout herein above shall not apply to copies of electronically exchanged Information made as a matter of routine information technology backup and to Information or copies thereof which must be stored by the receiving Party, its Affiliates or its advisers according to provisions of mandatory law, provided that such Information or copies thereof shall be subject to an indefinite confidentiality obligation according to the terms and conditions set forth herein.

- 11) Both parties acknowledge that the confidential information coming to the knowledge of the other may relate to and/or have implications regarding the future strategies, plans, business activities, methods, processes and or information of the parties which afford them certain competitive and strategic advantage. Accordingly neither party will use the confidential information or strategies, plans, business activities, methods, process, information, and /or competitive and strategic advantage to the other.
12. Each party understands that the other party may currently or in the future be developing information internally, or receiving information from third parties that may be similar to the "confidential Information" Accordingly, nothing in this agreement will be construed as a representation or inference that either party will not develop products, or have products developed for it, or enter into joint ventures, alliances, or licensing arrangements that, without violation of this agreement, compete with the products or systems embodying the "confidential Information".
13. Except as specifically provided herein, disclosure of confidential information by either party pursuant hereto shall not be deemed to grant to the Recipient party, any rights, interest or property in such confidential information and accordingly both parties agree that they will not directly or indirectly claim or submit any application for grant of any patent, copyright, design right or other intellectual property Rights in, to or on the basis of the confidential information.
14. The parties hereto acknowledge and agree that in the event of a breach or threatened breach by the other of the provisions of this Agreement, the party not in breach will have no adequate remedy in money or damages and accordingly notwithstanding anything contained in clause 18 hereof, the party not in breach shall be entitled to injunctive relief against such breach or threatened breach by the party in breach : provided , however, no specification in this confidentiality Agreement of a specific legal or equitable remedy shall be construed as a waiver or prohibition of any other legal or remedies in the event of a breach or threatened breach of this Agreement and the remedies specified herein shall be in addition to all other reliefs and remedies available to the parties under prevailing laws.
15. No failure or delay by either party in exercising or enforcing any right, remedy or power hereunder shall operate as a waiver thereof, nor shall any single or partial exercise or enforcement of any right, remedy or power preclude any further exercise or enforcement of any right, remedy or power preclude any single or partial exercise or enforcement thereof or the exercise or enforcement of any of any other right, remedy or power.
16. Each Party acknowledges that the other Party makes no representation or warranty as to the accuracy or completeness of any of the Information furnished by or on its behalf. Only those representations and warranties which are made in a final definitive agreement relating to the purpose of the disclosure of the Information will have legal effect.

Each party represents and warrants to the other that it is a corporation duly organised and validly existing in the jurisdiction of its incorporation. Each party represents that it has full corporate power and authority to enter into this Agreement and to do all

things necessary for the performance of this Agreement. The Disclosing Party warrants that the Confidential Information has not been provided in breach of any other agreements having legal binding of any nature with the third party(s).

Unless documented and agreed otherwise in respect of any individual disclosure of Confidential Information, each party warrants that it will use its best endeavors to ensure that any Confidential Information it discloses or it intends to disclose to the other party under the provisions of this agreement is complete and accurate but PROVIDED ALWAYS that the disclosing party has exercised such best endeavors:

The parties acknowledge that:

- (a) such Confidential Information as is disclosed by the Disclosing party under this Agreement is accepted by the Receiving Party at its own risk; and
- (b) it releases the Disclosing party from all claims, actions and suits in relation to such Confidential Information (including its use under this Agreement).

17. This agreement will be governed by the laws of India and jurisdiction shall be exclusively vested in the courts at New Delhi, India only.
18. If any matter arises between the parties about this agreement then the parties shall meet to discuss the matter and shall negotiate in good faith to endeavour to resolve the matter arising the matter however.
 - a. If any matter arising has not been resolved by the parties within thirty (30) days after the date the party raising the matter gave notice of it to the other party: then
 - b. the matter shall be submitted by either party to Arbitration. Arbitration shall be held in New Delhi, India. The arbitration shall be conducted as per the provisions of Indian Arbitration and Conciliation Act 1996 and any statutory modification or re-enactment thereof.
 - c. Each party to the dispute shall appoint one Arbitrator each and the two Arbitrators shall appoint the third or the presiding Arbitrator. The arbitration proceedings shall be conducted in the English language. The courts of law at New Delhi, India alone shall have the jurisdiction. The arbitration award shall be final and binding upon the parties and judgement may be entered thereon, upon the application of either party to a court having jurisdiction.
 - d. Each party shall bear the cost of preparing and presenting its case, and the cost of arbitration, including fees and expenses of the arbitrators, shall be shared equally by the parties unless the award otherwise provides.
19. This agreement shall not be assignable or transferable by either party without the written consent of the other party.
20. No license to a Party hereto, under any trademark, patent, copyright or any other intellectual property right, is either granted or implied by the conveying of Information to such party.

21. This agreement shall remain valid for a period of 3 (three) years from the date of execution of this Agreement which term may be extended by mutual consent in writing of both the parties. This agreement may be terminated by either party by giving 30 (thirty) days notice in writing to the other party without assigning any reason whatsoever. However, the obligations of each party hereunder shall survive the termination or earlier determination or expiry of this Agreement and shall continue and be binding upon the parties irrespective of whether the discussion between the parties materialize into a specific understanding/business relationship or not for a further period of 5 (five) years after termination / expiry of the Agreement.
22. All notices required by this Agreement shall be in writing, and shall be personally delivered, sent by registered post or by commercial courier, addressed as follows:

To Company: Mr/Ms _____

To RAILTEL:

Attn: Mr. J. S. Marwah

RailTel Corporation of India Limited, Plat-A, 6th Floor, Office Block Tower-2, East Kidwai Nagar, New Delhi- 110023

Nothing in this provision shall be construed to prohibit communication by more expedient means, such as by telephone or facsimile transmission, to accomplish timely communication. However, to constitute effective notice, written confirmation of a telephone conversation or an original of

facsimile transmission must be sent by registered post, by commercial carrier, or hand-delivered. Each party may change the address by written notice in accordance with this paragraph. Notices delivered personally shall be deemed communicated as of actual receipt; mailed notices shall be deemed communicated as of four days after mailing, unless such date is a date on which there is no mail service. In that event communication is deemed to occur on the next mail service day.

23. This agreement supersedes all prior discussions and writings with respect to the confidential information and constitutes the entire Agreement between the parties with respect to the subject matter hereof and no modifications of this Agreement or waiver of the terms and conditions hereof shall be binding upon either of the parties hereto, unless approved in writing by an authorized representative of each party. In the event that any of the provisions of this Agreement shall be held by court or other Tribunal of competent jurisdiction to be unenforceable, the remaining portions hereof

shall remain in full force and effect and this Agreement shall be interpreted and construed accordingly.

24. This Agreement is executed in duplicate, each of which shall be deemed to be the original and both when sent together shall be deemed to form one and single document.

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the date and year written above.

For

For **RailTel Corporation of India Ltd.**

Sign:

Sign:

Name:

Name:

Title:

Title: **Company Secretary**

Annexure 6: OEM Compliance (From OEM on their Letter Head)

Eol Reference No:

Date:

To,

RailTel Corporation of India Ltd.
Plate-A, 6th Floor, Office Tower-2,
NBCC Building, East Kidwai Nagar, New Delhi-110023

Dear Sir,

Sub: Self Certificate for Tender, OEM Compliance

- a) We/OEM(s) shall provide required skill sets to the BA to enable them to execute the project deliverables (Network/ System Design, Deployment (I & C), Testing, Operational Support, Future network Augmentation, New Service Deployment for customers & Contingencies situations).
- b) We/OEM(s) shall also provide all the requisite assistance to the BA for project completion, warranty & AMC.
- c) BA shall be fully responsible for maintaining the Performance/SLA and OEM(s) shall assure performance criteria as defined in this Technical Specifications.
- d) We/OEM(s) shall provide all the know-how required to design and size the solution as per requirement as specified in Technical Specifications to the BA for the equipment supplied.
- e) Technical & Commercial terms and conditions shall be mutually agreed between Bidder & OEM(s) and shall form part of submitted bid agreement.
- f) Availability of Subject Matter Expertise (SME) on site from us/OEM shall be ensured in case BA is not able to resolve the problem.
 - i. A minimum number of SME(s) shall be made available for entire implementation duration till Take over by Employer/Owner. The same shall be covered contractually between BA & OEM(s).
 - ii. Identified SME(s) to be attached with respective BA for the period of delivery and up to an identified milestone.
 - iii. Designated OEM(s)/our representative shall be available for all Project Steering committee meetings.
- g) We/OEM shall give an undertaking that the SLA applicable to their solution will be supportable. We/OEM shall give undertaking that current version of the software including updates, software patches released time to time will be supported for next 7 years excluding the contract implementation period.
- h) We/ OEM shall clearly define our policy of releasing major and minor version each year. The implementation shall be based on a product configuration with a clear product

roadmap for the contract period.

i) We/OEM shall deliver the following to BA for finally delivering to Employer/Owner:

- i. Licensed copy of all OEM/our applications that are within the scope of implementation by BA.
- ii. Licensed copy of development and runtime versions of the report writer products and other products bundled with the application.
- iii. List and specifications of all available Application Program Interface (APIs) in each version.
- iv. Installation for all OEM/our applications that are within the scope of implementation by BA.
- v. Product Specifications of all OEM/our applications that are within the scope of implementation by BA .
- vi. User Manuals (hard & soft copy)
- vii. Functional Overview Manual
- viii. Operations Manuals
- ix. System Administration Manuals
- x. Training Brochure containing details of training programs to be offered (hard & soft copy)
- xi. Training Kit for training of BA/Employer personnel
- xii. Hardware Specifications meeting the Sizing & SLA requirements
- xiii. Guaranteed response times for typical OLTP (Online Transaction Processing) and batch transactions on various configurations of the suggested hardware (if applicable).
- xiv. Product Road Map document
- xv. Warranty, Post Warranty, and Operational Support programs offered by OEM/us– including commercial implications, SLA and availability of local support facilities. This shall include problem resolution, application maintenance, change requests, as well as policy for upgrades and updates.

Authorized Signatory

Name & Designation

Annexure 7 : Joint Deed of Undertaking

FORM OF JOINT DEED OF UNDERTAKING BY THE COLLABORATOR_/ASSOCIATE ALONGWITH THE BIDDER

(On Non-Judicial Stamp Paper of appropriate value)

THIS DEED OF UNDERTAKING executed this _____ Day of Two thousand and _____ by _____ a Company incorporated under the laws of _____ and having its registered office at _____ (hereinafter called the "Collaborator"/ "Associate" which expression shall include its successors, executors and permitted assigns) and _____ a company incorporated under the laws of _____ having its registered office at _____ (hereinafter called the "Bidder/Contractor" which expression shall include its successors, executors and permitted assigns) in favour of **Power Grid Corporation of India Ltd.**, having its registered office at B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110016 (hereinafter called the "Employer" which expression shall include its successors, executors and permitted assigns)

WHEREEAS the "Employer" invited Bid as per its Specification No. _____ for the execution of _____.

AND WHEREAS Clause No. **2.2 (B)**, Annexure-A (BDS) of Section III, Vol. - I forming part of the Bid documents inter-alia stipulates that the Bidder alongwith its Collaborator / Associate must fulfill the Qualifying Requirement for the * _____ and be jointly and severally bound and responsible for the successful performance of the * _____ offered in the event the Bid submitted by the Bidder is accepted by the Employer resulting in a "Contract."

AND WHEREAS the Bidder has submitted its Bids to the Employer vide proposal No _____ dated _____ based on the collaboration of the Collaborator/Associate with the Bidder.

NOW THEREFORE THIS UNDERTAKING WITNESSETH as under:

- 1.0 In consideration of the award of Contract by the Employer to the Bidder (hereinafter referred to as the "Contract") we, the Collaborator/Associate and the Bidder/Contractor do hereby declare that we shall be jointly and severally bound unto the Power Grid Corporation of India Ltd., Employer) for the successful performance of the * _____ and shall be fully responsible for the design, manufacture, testing, supply on FOR destination delivery at site basis, supervision of unloading at site, storage, erection, testing & commissioning and successful performance of the * _____ in accordance with the Contract specifications till defect liability and maintenance period.
- 2.0 Without in any way affecting the generality and total responsibility in terms of this Deed of Undertaking, the Collaborator /Associate in particular hereby agrees to depute their technical experts from time to time to the Bidder's/Contractor's works/Employer's Project site as mutually considered necessary by the Employer/Bidder/Contractor and the Collaborator/Associate to ensure proper design, manufacture, testing, supply on FOR destination delivery at site basis, supervision of unloading at site, storage, erection, testing & commissioning and successful performance of the equipment in accordance with contract specifications and if necessary the Collaborator/Associate shall advise the manufacturer / Contractor suitable modifications of designs and implement necessary

corrective measures to discharge the obligations under the Contract during implementation and maintenance of the system.

- 3.0 This Deed of Undertaking shall be construed and interpreted in accordance with the laws of India and the Courts in Delhi shall have exclusive jurisdiction in all matters arising under the undertaking.
- 4.0 As a security, the Collaborator/Manufacturer/Associate shall apart from the Contractor's performance guarantee, furnish a Contract Performance Guarantee from its Bank in favour of the Employer in a form acceptable to Purchaser. The value of such guarantee shall be equivalent to ten percent (10%) of price of the **UNMS/OSS System** as identified in the Contract awarded by the Employer to the Bidder/Contractor and it shall be part of guarantee towards the faithful performance/compliance of this Deed of Undertaking in terms of the Contract. The guarantee shall be unconditional, irrevocable and valid for the entire period of the Contract, namely until ninety (90) days beyond the defect liability period of *_____ under the Contract. The Bank Guarantee amount shall be payable to the Employer on demand without any reservation or demur.
- 5.0 We, the collaborator/the Bidder/Contractor/Associate agree that this undertaking shall be irrevocable and shall form an integral part of the Contract and further agree that this undertaking shall continue to be enforceable till the Employer discharges it. It shall become operative from the effective date of Contract.

IN WITNESS WHEREOF the Collaborator/Associate and the Bidder/Contractor have through their Authorised Representative executed these presents and affixed Common seals of their respective Companies, on the day, month and year first above mentioned.

WITNESS

(For Collaborator/Associate)

Signature

(Signature of the authorized representative)

Name

Office Address

Name

Common Seal of Company
.....

WITNESS

(For Bidder/Contractor)

Signature

(Signature of the authorized representative)

Name

Office Address

Name

Common Seal of Company
.....

Note:

1. For the purpose of executing the Deed of Joint Undertaking, the non-judicial stamp papers of appropriate value shall be purchased in the name of executant(s).
2. The Undertaking shall be signed on all the pages by the authorised representatives of each of the BAs and should invariably be witnessed.
3. This Deed of Joint Undertaking duly certified by the Company Secretary shall be submitted alongwith the bid. Further, the Deed of Joint Undertaking attested by Notary Public of the place(s) of the respective executant(s) or registered with the Indian Embassy/High Commission in that country shall be submitted by the bidder within ten (10) days from the date of intimation of post-bid discussion.
3. *Name of package is to be inserted.
4. The Bidder may be having ongoing collaboration agreement or had collaboration agreement in the past with the collaborator`/Associate.

Annexure 9: Undertaking for BA Responsibilities and Obligations

Self-Certificate (To be on company letter head)

Eol Reference No:

Date:

To,

RailTel Corporation of India Ltd.
Plate-A, 6th Floor, Office Tower-2,
NBCC Building, East Kidwai Nagar, New Delhi-110023

Dear Sir,

Sub: Self Certificate for Tender, Responsibilities and Obligation

We shall be responsible for all cabling and wiring associated with the equipment provided both inside and outside buildings. We shall also be responsible for determining the adequacy of the local power source for the equipment and for cabling to it, with adequate circuit protective breakers, if required. In addition, we shall be responsible for shielding equipment and cabling to eliminate potential interference to or from the equipment and for earthing of all cabinets and shields as required for system. Our responsibilities include, but are not limited to, the following:

- (i) Provide a working system that meets or exceeds the functional and performance requirements of this specification without affecting the operation of the existing systems.
- (ii) Provide a complete turnkey implementation and assume responsibility for all integration and implementation issues in order to deliver an operable system.
- (iii) To ensure the completion of the entire implementation within the scheduled time frame as mentioned in the end user tender fulfilling the entire tender terms and conditions.
- (iv) Site visits and studies necessary to identify and provide all equipment needed to implement U-NMS.
- (v) Development of installation and safety guidelines and procedures for the mechanical installation including testing and documentation.
- (vi) Equipment engineering and design specific to each location including review of, and conformance with local environmental and earthing considerations.
- (vii) All cabling wiring including supply, laying and termination of cables (signal, power supply & earthing), DC/AC distribution boards.
- (viii) Configure all features and functionalities in the network as indicated by the Employer/Owner during detail Engineering and implementation.
- (ix) Buying and maintaining of spares identified under AMC along with main items to meet the contingency during installation and Maintenance period.

- (x) Project management, project scheduling, including periodic project reports documenting progress during the contract period.
- (xi) Engineering and technical assistance during the contract warranty and maintenance period.
- (xii) Provide all additional Equipment and services necessary to ensure compatibility between new and existing equipment.
- (xiii) Implement all minor civil works and identify any major civil works i.e. expansion or construction of rooms, trenches necessary for installation of proposed equipment and provide the details of such work to the Employer/Owner/End user.
- (xiv) Define source power requirements for each cabinet/ rack of equipment provided.
- (xv) Supply, installation, testing and commissioning of all hardware, software, and firmware required to satisfy the requirements of this Specification.
- (xvi) Factory and site testing of all hardware and software provided.
- (xvii) Provide Type Test report to the Employer/Owner and if required, conduct type test.
- (xviii) Integration of existing equipment and with other planned equipment being procured by Employer/Owner in future. BA is responsible for integrating the complete system i.e. upcoming/future network equipment also.
- (xix) Provide a Quality Assurance Plan and access to the manufacturing process.
- (xx) Shipment of all equipment to designated locations and/or storing areas.
- (xxi) Storing, maintenance of storing area and security including full responsibility for protection from theft and fire for all the items to be supplied.
- (xxii) All documentation and drawings as specified.
- (xxiii) All required spare parts, maintenance aids, and test equipment.
- (xxiv) Planning and implementation for a smooth integration with existing operations to new network operations on U-NMS Platform including new equipment/applications, wherever applicable with minimum downtime. However, maintenance of the existing system will be responsibility of owner.
- (xxv) After successful deployment of UNMS system, all data from Excel sheets and disparate sources shall be migrated to proposed UNMS system so that operations team can work efficiently.
- (xxvi) Tie up with existing communication system provider for providing necessary system information of existing OEMs of Communication system for getting required information for seamless integration with U-NMS system as per requirements mentioned in different sections of Technical Specification.

- (xxvii) System integration & commissioning of the overall telecommunications network and also coordination with other Project Contractors for phased implementation.
- (xxviii) Training of the Employer/owner's personnel.
- (xxix) Hardware, software, and firmware maintenance, debugging, and support of the equipment through final acceptance, and maintenance on all new equipment as per specifications.
- (xxx) Full system backup of all installed software for all machines.
- (xxxi) Availability of service, spare and expansion parts for the supplied items for the complete design life i.e. 7 years from the operational acceptance of the system of the project as per details in various parts of this specification.
- (xxxii) Compliance of all applicable security related requirements as per latest DoT guidelines with subsequent amendments.
- (xxxiii) We shall ensure following at our own cost, "Any imported equipment/material/item/parts/component to be supplied under the contract shall be tested in the certified laboratories to check for any kind of embedded malware/trojans/cyber threats and for adherence to Indian Standards as per the directions issued by Ministry of Power/Govt. of India from time to time. In case of such import from specified "prior reference" countries, the requirement of prior permission from the Govt. of India including protocol for testing in certified and designated laboratories by Ministry of Power/Govt. Of India". Detailed descriptions of the BA's responsibilities, in relation to individual items and services offered, are delineated in end users tender documents.

Authorized Signatory

Name & Designation

Annexure 10:

BID SECURITY FORM

((To be stamped in accordance with Stamp Act, the Non-Judicial Stamp Paper should be in the name of the issuing Bank. For the purpose of verification/confirmation of this Bank Guarantee by the Employer, the Bank shall indicate 2 official email ids of the authorized signatories from Issuing Branch and also of the designated higher office (Corporate Office, Zonal Office etc)in the covering letter of the Bank forwarding the Bank Guarantee.))

Bank Guarantee No.:

Date:

To: *(insert Name and Address of Employer)*

WHEREAS M/s. *(Insert name of Bidder)*..... having its Registered/Head Office at *(Insert address of the Bidder)* (Hereinafter called "the Bidder" **which expression shall include its successors, administrators, executors and assigns**) has submitted its Bid for the performance of the Contract for **Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in NER under Establishment of State of Art Unified Network Management System (U-NMS) for ISTS & State Utility Communication network in North Eastern Region (NER)** [Specification No.: CC-CS/1057-NER/CommEqp-4167/3/G4] (Hereinafter called "the Bid")

KNOW ALL PERSONS by these present that WE *(insert name & address of the issuing bank)* having its Registered/Head Office at*(insert address of registered office of the bank)*..... (hereinafter called "the Bank" **which expression shall include its successors, administrators, executors and assigns**), are bound unto **Power Grid Corporation of India Limited** (hereinafter called "the Employer") in the sum of*(insert amount of Bid Security in figures & words)*..... for which payment well and truly to be made to the said Employer, the Bank binds itself, its successors and assigns by these presents.

Sealed with the Common Seal of the said Bank this day of 20....

THE CONDITIONS of this obligation are:

- (1) If the Bidder withdraws its bid during the period of bid validity specified by the Bidder in the Bid Form; or
- (2) In case the Bidder does not withdraw the deviations proposed by him, if any, at the cost of withdrawal stated by him in the bid and/or accept the withdrawals/rectifications pursuant to the declaration/confirmation made by him in Attachment – Declaration of the Bid; or
- (3) If the Bidder does not accept the corrections to arithmetical errors identified during preliminary evaluation of his bid pursuant to ITB Clause 27.2; or
- (4) If, as per the requirement of Qualification Requirements the Bidder is required to submit a Deed of Joint Undertaking and he fails to submit the same, duly attested by Notary Public of the place(s) of the respective executants (s) or registered with the Indian Embassy/High Commission in that Country, within ten days from the date of intimation of post – bid discussion; or

- (5) In the case of a successful Bidder, if the Bidder fails within the specified time limit
- (i) To sign the Contract Agreement, in accordance with ITB Clause 34, or
 - (ii) To furnish the required performance security, in accordance with ITB Clause 35.
- or
- (6) In any other case specifically provided for in ITB.

WE undertake to pay to the Employer up to the above amount upon receipt of its first written demand, without the Employer having to substantiate its demand, provided that in its demand the Employer will note that the amount claimed by it is due to it, owing to the occurrence of any of the above-named CONDITIONS or their combination, and specifying the occurred condition or conditions.

This guarantee will remain in full force up to and including (**insert date in line with ITB Clause 13**)....., and any demand in respect thereof must reach the Bank not later than the above date.

Notwithstanding anything contained herein:

1. Our liability under this Bank Guarantee shall not exceed _____ (value in figures) [_____ (value in words) _____].
2. This Bank Guarantee shall be valid upto _____ (validity date) _____.
3. We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only & only if we receive a written claim or demand on or before _____ (validity date) _____

For and on behalf of the Bank

[Signature of the authorised signatory(ies)]

Signature _____

Name _____

Designation _____

POA Number _____

Contact Number(s): Tel. _____ Mobile _____

Fax Number _____

email _____

Common Seal of the Bank _____

Witness:

Signature _____

Name _____

Address_____

Contact Number(s): Tel._____ Mobile_____

email _____

Note:

1. In case the bid is submitted by a Joint Venture, the bid security shall be in the name of the Joint Venture and not in the name of the Lead Partner or any other Partner(s) of the Joint Venture.
2. The Bank Guarantee should be in accordance with the proforma as provided. However, in case the issuing bank insists for additional paragraph regarding applicability of ICC publication No: 758, the following may be added at the end of the proforma of the Bank Guarantee [*i.e., end paragraph of the Bank Guarantee preceding the signature(s) of the issuing authority(ies) of the Bank Guarantee*]:

“This Guarantee is subject to Uniform Rules for Demand Guarantee, ICC publication No. 758.”

3. **At the time of issuance of the Bank Guarantee (including its extensions) through SFMS facility, the issuing bank will input the IFSC code of Beneficiary Bank as mentioned at ITB clause 16.3 in BDS in their Trade Finance Portal.**

Additional paragraph regarding issuance of the Bank Guarantee through SFMS Platform (if applicable), the following should be added at the end of the proforma of the Bank Guarantee [*i.e., end paragraph of the Bank Guarantee preceding the signature(s) of the issuing authority(ies) of the Bank Guarantee*]:

“This Guarantee has been issued using SFMS Platform and the requisite communication in this regard has been forwarded to the Beneficiary Bank.”

Annexure 11:

FORMAT FOR EVIDENCE OF ACCESS TO OR AVAILABILITY OF CREDIT/FACILITIES

BANK CERTIFICATE

This is to certify that M/s. _____ (*insert Name & Address of the Contractor*)
_____ who have submitted their bid to(*insert name of the Employer*)..... against their tender specification Vide ref. No. for
..... (*insert name of the package alongwith the project name*) is our customer for
the past years.

Their financial transaction with our Bank have been satisfactory. They enjoy the following fund based and non fund based limits including for guarantees, L/C and other credit facilities with us against which the extent of utilization as on date is also indicated below:

| Sl. No. | Type of Facility | Sanctioned Limit as on Date | Utilisation as on Date |
|---------|------------------|-----------------------------|------------------------|
| | | | |
| | | | |

This letter is issued at the request of M/s. _____.

Signature _____

Name of Bank _____

Name of Authorised
Signatory _____

Designation _____

Phone No. _____

Address _____

SEAL OF THE BANK

Annexure 12:

FORMAT OF VALUE- ADDITION CERTIFICATE ON HALF-YEARLY BASIS (SEP 30 AND MAR 31), DULY CERTIFIED BY THE STATUTORY AUDITORS OF THE DOMESTIC MANUFACTURER

Dear Sir,

We have read and understood the provisions of “Policy for providing preference to Domestically Manufactured Iron & Steel Products in Government Procurement” [hereinafter, “Policy”] issued by the Ministry of Steel Government of India Vide Notification dated 8th May 2017 **and its revision dated 29th May 2019** including subsequent amendments/ modifications, if any.

In line with the provisions of the Policy, M/s.(*Name of the Domestic Manufacturer*) [hereinafter, “Domestic Manufacturer”] have submitted an Affidavit of self-certification to M/s. Power Grid Corporation of India Limited [hereinafter, POWERGRID] regarding Domestic Value Addition in Iron & Steel Products sourced from the Domestic Manufacturer for manufacturing/supply of Goods for [*Enter the name of the Contract*] awarded to [*Enter the name of the Contractor*] by POWERGRID, wherein they have agreed to abide by the terms and conditions of the Policy.

Further, in line with the Policy, the Statutory Auditor(s) of the Domestic Manufacturer have to issue a certificate on half-yearly basis (Sept 30 and March 31) duly certifying that the Domestic Value Addition made for Iron & Steel products sourced from the Domestic Manufacturer for manufacturing/supply of Goods for [*Enter the name of the Contract*] during the preceding 6 months, are in accordance with the Policy.

Accordingly, we, the Statutory Auditor(s) of the Domestic Manufacturer, certify that the Domestic Value addition, calculated as per the provisions of the Policy, for Iron & Steel products sourced from the Domestic Manufacturer for manufacturing/supply of Goods for [*Enter the name of the Contract*] during the preceding 6 months are as follows:

| Name of the Product | Domestic Value addition for the preceding 6 months (i.e half year ending Sept 30/March 31 , 20....) in percentage |
|---------------------|--|
| | |
| | |
| | |
| | |

For and on behalf of,

Date:

<<Statutory Auditor's attestation>>

Firm Reg No. Membership No.

Note:

1. *The Contractor shall be required to furnish the aforesaid certificate from their the Statutory auditors of the Domestic Manufacturer on semi-annual basis i.e for period from 1st April to 30th September and from 1st October to 31st March for each Financial Year.*
2. *Submission of aforesaid certificate for the preceding 6 months shall be a condition for processing of bills by POWERGRID for payment after 30th September /31st March, as the case may be.*

Annexure 13:

FORM OF BANK GUARANTEE FOR CONTRACT PERFORMANCE (TO BE SUBMITTED BY COLLABORATOR/ASSOCIATE)

Bank Guarantee No.

Date.....

Contract No.....

.....[Name of Contract].....

To: [Name and address of the Employer/Owner]

Dear Ladies and/or Gentlemen,

We refer to the Contract ("the Contract") signed on(insert date of the Contract)..... between you and M/s (Name of Contractor), having its Principal place of business at(Address of Contractor) and Registered Office at(Registered address of Contractor) ("the Contractor") concerning (Indicate brief scope of work) for the complete execution of the (insert name of Package alongwith name of the Project).....

Whereas, the Contractor has agreed to supply the@..... #[manufactured by M/s. (Name of Manufacturer), having its Principal place of business at(Address of Manufacturer) and Registered Office at(Registered address of Manufacturer) (hereinafter referred to as the "Manufacturer"] in collaboration with M/s. (Name of Collaborator/Associate), having its Principal place of business at(Address of Collaborator/Associate) and Registered Office at(Registered address of Collaborator/Associate) (hereinafter referred to as the "Collaborator /Associate"), as a pre-requisite for qualification of the Bidder/Contractor and have submitted a deed of joint undertaking declaring that they are jointly and severally bound and responsible for the successful performance of the said equipment in accordance with the Contract Specifications and that the Collaborator/Associate having agreed to furnish a Contract Performance Guarantee for the faithful performance/compliance of the Deed of Undertaking equivalent to (10%) ten per cent of the cost of@..... to be supplied by the Manufacturer

under the Contract, in addition to Contract Performance Guarantee equivalent to 10%

(ten per cent) of the value of the Contract to be provided by the Contractor for the faithful performance of the entire Contract.

By this letter we, the undersigned,(insert name & address of the issuing bank), a Bank (or Company) organized under the laws of and having its Registered/Head Office at(insert address of registered office of the bank)..... do hereby irrevocably guarantee payment to you up to i.e., ten percent (10%) of the cost of@..... to be supplied by the Manufacturer under the Contract until ninety (90) days beyond the Defect Liability Period i.e., upto and inclusive of (dd/mm/yy).

We undertake to make payment under this Letter of Guarantee upon receipt by us of your first written demand signed by your duly authorized officer including the authorized officer of EMPLOYER declaring the Contractor/Collaborator to be in default under the Contract and without cavil or argument any sum or sums within the above named limits, without your need to prove or show grounds or reasons for your demand and without the right of the Contractor/Manufacturer/Collaborator to dispute or question such demand.

Our liability under this Letter of Guarantee shall be to pay to you whichever is the lesser of the sum so requested or the amount then guaranteed hereunder in respect of any demand duly made hereunder prior to expiry of the Letter of Guarantee, without being entitled to inquire whether or not this payment is lawfully demanded.

This letter of Guarantee shall remain in full force and shall be valid from the date of issue until ninety (90) days beyond the Defect Liability Period of the said equipment i.e. upto and inclusive of (dd/mm/yy) and shall be extended from time to time for such period (not exceeding one year), as may be desired by M/s. on whose behalf this Letter of Guarantee has been given.

Except for the documents herein specified, no other documents or other action shall be required, notwithstanding any applicable law or regulation.

Our liability under this Letter of Guarantee shall become null and void immediately upon its expiry, whether it is returned or not, and no claim may be made hereunder after such expiry or after the aggregate of the sums paid by us to you shall equal the sums guaranteed hereunder, whichever is the earlier.

All notices to be given under shall be given by registered (airmail) posts to the addressee at the address herein set out or as otherwise advised by and between the parties hereto.

We hereby agree that any part of the Contract may be amended, renewed, extended, modified, compromised, released or discharged by mutual agreement between you and the Collaborator, and this security may be exchanged or surrendered without in any way impairing or affecting our liabilities hereunder without notices to us and without the necessity for any additional endorsement, consent or guarantee by us, provided, however, that the sum guaranteed shall not be increased or decreased.

No action, event or condition which by any applicable law should operate to discharge us from liability hereunder shall have any effect and we hereby waive any right we may have to apply such law so that in all respects our liability hereunder shall be irrevocable and, except as stated herein, unconditional in all respects.

Notwithstanding anything contained herein:

1. Our liability under this Bank Guarantee shall not exceed _____ (value in figures) [_____ (value in words) _____].
2. This Bank Guarantee shall be valid upto _____ (validity date) _____.
3. We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only & only if we receive a written claim or demand on or before _____ (validity date) _____."

For and on behalf of the Bank

[Signature of the authorised signatory(ies)]

Signature _____

Name _____

Designation _____

POA Number _____

Contact Number(s): Tel. _____ Mobile _____

Fax Number _____

email _____

Common Seal of the Bank _____

Witness:

Signature _____

Name _____

Address _____

Contact Number(s): Tel. _____ Mobile _____

email _____

Note :

1. For the purpose of executing the Bank Guarantee, the non-judicial stamp papers of appropriate value shall be purchased in the name of Bank who issues the 'Bank Guarantee'.
2. The Bank Guarantee shall be signed on all the pages by the Bank Authorities indicating their POA nos. and should invariably be witnessed.
3. **The Bank Guarantee should be in accordance with the proforma as provided. However, in case the issuing bank insists for additional paragraph regarding applicability of ICC publication No: 758, the following may be added at the end of the proforma of the Bank Guarantee [*i.e., end paragraph of the Bank Guarantee preceding the signature(s) of the issuing authority(ies) of the Bank Guarantee*]:**

"This Guarantee is subject to Uniform Rules for Demand Guarantee, ICC publication No. 758 except that article 15(a) is hereby excluded."

Annexure 14:

QUALIFICATION REQUIREMENT FOR

Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in NER under Establishment of State of Art Unified Network Management System (U-NMS) for ISTS & State Utility Communication network in North Eastern Region (NER).

(Qualifying Requirement Data)

Bidders Name & Address:

To,

.....
.....
.....

RailTel Corporation of India Ltd.
Plate-A, 6th Floor, Office Tower-2,
NBCC Building, East Kidwai Nagar, New
Delhi-110023
RailTel Corporation of India Ltd.

Dear Ladies and/or Gentlemen,

In support of the Qualification Requirements (QR) for bidders, stipulated in Annexure-A (BDS) of the Section - III (BDS), Volume-I & additional information required as per ITB clause 9.3(c) of the Bidding Documents, we furnish herewith our QR data/details/documents etc., alongwith other information, as follows (*The QR stipulations have been reproduced in italics for ready reference, however, in case of any discrepancy the QR as given in BDS shall prevail*).

We have submitted bid as individual firm.

We are furnishing the following details/document in support of Qualifying requirement for the subject package.

A. Attached copies of original documents defining:

- a) The constitution or legal status;
- b) The principal place of business;
- c) The place of incorporation (for bidders who are corporations); or the place of registration and the nationality of the Owners (for applicants who are partnerships or individually-owned firms).

B. Attached original & copies of the following documents.

- a) Written power of attorney of the signatory of the Bid to commit the bidder.

1.0 General Information

[The information in this form is to be completed for individual firms]

Where the Bidder proposes to use named subcontractor(s) for critical components of the works or for work contents in excess of 10 percent of the bid price, the following information should also be furnished for the subcontractor(s)].

| Sl. No. | Particulars | For Individual Firm |
|---------|--|---------------------|
| 1. | Name of the Firm | |
| 2. | Head Office/ Registered Office Address | |
| 3. | Telephone | |
| 4. | Fax | |
| 5. | Contact Person | |
| 6. | Place of Incorporation/ Registration | |
| 7. | Year of Incorporation/ Registration | |
| 8. | Nationality of | |
| | Owner (i) | |
| | Owner (ii) | |
| | Owner (iii) | |

(Necessary documents to establish legal status of the bidder should be enclosed with the bid).

2.0 Technical Requirements

2.1(A) Bidder must have its own Unified Network Management System (UNMS)/Operational Support System (OSS) product and must have designed, supplied, installed, tested and commissioned at least two (02) nos. UNMS/OSS Projects in the last seven (7) years and at least one of the above projects must be in successful* operation for at least one (1) year as on originally scheduled date of Bid opening i.e. 01.12.2020.

*Satisfactory operation means certificate issued by the Employer certifying the operation without any adverse remark.

2.1 (B) UNMS Product in each of the above projects must have following:

- a. Integration with Management System (EMS/NMS) of either of the transmission technologies SDH/PDH/DWDM/CWDM/MPLS/ GPON/PTN/ASON of at least two (2) OEMs and 500 Network Elements (NEs)
- b. Implementation of following functionalities
 - (i) Fault Management & Route Cause Analysis (RCA)
 - (ii) Performance Management
 - (iii) Consolidated Reporting & Dash Boarding

Note-1: In case bidder is a holding company, the technical experience referred to in clause 1.1 above shall be of that holding company only (i.e. excluding its subsidiary/group companies). In case bidder is a subsidiary of a holding company, the technical experience referred to in clause 1.1 above shall be of that subsidiary company only (i.e. excluding its holding company).

- 2.2 A Bidder not meeting the requirement stipulated at 2.1 above can also be considered qualified provided that :

(A) The bidder must have installed, tested & commissioned at least one UNMS/OSS project meeting the requirements at 2.1(B) as a prime contractor# in the last seven (7) years which must be in successful* operation for at least one (1) year as on date of Bid opening mentioned above.

and

(B) The bidder must have an association with a firm who has its own UNMS/OSS product which have been installed & commissioned in at least two (2) UNMS/OSS project in the last seven (7) years meeting the requirement mentioned at 2.1(B) above and of which at least one project is in successful* operation for at least one (1) year as on date of bid opening mentioned above. The Bidder shall furnish a joint deed of undertaking executed by him and his associate for the successful performance of the entire system as per the format specified in Section – VI: Sample Forms and Procedures, of the Bidding Documents along with additional Contract Performance Guarantee equivalent to 10% of the Ex-works cost of UNMS from the associate firm whose product is being offered.

- 2.3 On a separate page, using the following format, Bidder is requested to furnish the details of the previous experience, on the basis of which the Bidder wishes to qualify, as detailed at para 2.1 & 2.2 above. The information is to be summarised using following formats, as applicable, for each previous experience of the Bidder.

(Documentary evidence, such as copies of utility certificates etc., in support of its experience shall be attached with the filled-up format for each experience/Contract)

Format A Format for the Bidder (in support of meeting the requirement of para 2.1 of Annexure-A (BDS), Conditions of Contract, Volume-I of the bidding documents) is also is to furnished, as applicable, using this format

| Name of the Bidder | | |
|--------------------|--------------------------------|--|
| A1. | Name of Contract: 1. | |

| | | | | |
|-----|---|---|--|--|
| A2. | 2. | Contract Reference No. & Date of Award | | |
| A3. | 3. | Whether bidder have its own Unified Network Management System (UNMS)/Operational Support System (OSS) product | <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Tick only whichever is applicable)</i> | |
| A4. | 4. | Whether bidder have designed, supplied, installed, tested and commissioned at least two (02) nos. UNMS/OSS Projects in the last seven (7) years | <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Tick only whichever is applicable)</i> | |
| A5. | 5. | Name of the Projects | | |
| A6. | Name and Address of the Employer/Utility by whom the Contract was awarded <div style="text-align: right;"> e-mail ID _____ Telephone No. _____ Fax No. _____ </div> | | | |
| A7. | Date of successful commissioning of the Contract No. of years the above referred project is in satisfactory operation as on the originally scheduled date of bid opening | | _____ _____years | _____ _____years |
| A8. | Whether the project is in successful operation for atleast one (1) year as on the original scheduled date of bid opening | | <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Tick only whichever is applicable)</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Tick only whichever is applicable)</i> |
| A9. | Whether UNMS product in each of the projects have following: a. Integration with Management System (EMS/NMS) of either of the transmission technologies SDH/PDH/DWDM/CWDM/MPLS/ GPON/PTN/ASON of at least two (2) OEMs and 500 Network Elements (NEs) b. Implementation of following functionalities (i) Fault Management & Route Cause Analysis (RCA) | | <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Tick only whichever is applicable)</i> <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Tick only whichever is applicable)</i> <input type="checkbox"/> Yes <input type="checkbox"/> No |

| | | | |
|-----|--|---|---|
| | (ii) Performance Management (iii) Consolidated Reporting & Dash Boarding | (Tick only whichever is applicable) | (Tick only whichever is applicable) |
| A10 | Details/documentary evidence submitted in support of stated experience/Contract | | |

(Use separate sheet for each experience / Contract)

Format B Format for the Bidder (in support of meeting the requirement of para 2.2 of Annexure-A (BDS), Conditions of Contract, Volume-I of the bidding documents) is also is to furnished, as applicable, using this format

| Name of the Bidder | | |
|--------------------|--|---|
| A1. | Whether bidder have installed, tested & commissioned at least one UNMS/OSS project meeting the requirement at 2.1(B) of Technical Requirement above as a prime contractor in the last 7 years. | <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Tick only whichever is applicable)</i> |
| A2. | Name of Contract: 6. | |
| A3. | 7. Contract Reference No. & Date of Award | |
| A4. | Name and Address of the Employer/Utility by whom the Contract was awarded e-mail ID _____ Telephone No. _____ Fax No. _____ | |
| A5. | Date of commissioning of the project | |
| A6(i) | Whether the above UNMS/OSS project is in successful operation as on date of bid opening. | <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Tick only whichever is applicable)</i> |
| (ii) | No. of years of successful operation as on date of bid opening. | _____ |
| A7. | Whether bidder have an association with a firm who has its own UNMS/OSS product | <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Tick only whichever is applicable)</i> |

| | | | |
|------|--|--|--|
| A8. | Whether the firm has installed & commissioned at least two (2) UNMS/OSS project in the last seven (7) years meeting the requirement at 2.1(B) of Technical Requirement above | <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Tick only whichever is applicable)</i> | |
| A9. | Name of Contract: 8. | | |
| A10. | 9. Contract Reference No. & Date of Award | | |
| A11. | Name and Address of the Employer/Utility by whom the Contract was awarded e-mail ID Telephone No. Fax No. | _____ _____ _____ _____ | _____ _____ _____ _____ |
| A12. | Date of commissioning of the project | | |
| A13. | Whether the above UNMS/OSS project is in successful operation as on date of bid opening. No. of years of successful operation as on date of bid opening. | <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Tick only whichever is applicable)</i> _____ years | <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Tick only whichever is applicable)</i> _____ years |
| A14. | Whether bidder has furnished a joint deed of undertaking executed by him and his associate for the successful performance of the entire system | <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Tick only whichever is applicable)</i> | |
| A15. | Details/documentary evidence submitted in support of stated experience/Contract | | |

3.0 Financial Position

- a) Net Worth for last 3 financial years should be positive.
- b) **Minimum Average Annual Turnover *(MAAT) for best three years i.e 36 months out of last five financial years of the bidder should be **Rs. 1,146.96 million.****

**Note- "Annual gross revenue from operations/gross operating income as incorporated in the profit & loss account excluding other income".*

- c) **Bidder shall have liquid assets (L.A.) or/and evidence of access to or availability of credit facilities of not less than Rs. 191.16 million for Package.**

Note 1:- In case bidder is a holding company, the Financial Position criteria referred to in clause 3.0 above shall be that of holding company only (i.e. excluding its subsidiary / group companies). In case bidder is a subsidiary of a holding company, the Financial Position criteria referred to in clause 3.0 above shall be that of subsidiary company only (i.e. excluding its holding company).

Note 2:- Relaxation for Start-Ups^/ MSEs

Start-Ups^/ MSEs, meeting the specified requirements at Para 3.0 (a) above in Financial Position shall also be considered qualified if they meet Eighty (80) % of the requirement specified at Para 3.0 (b) & 3.0 (c) above in Financial Position.

^ Start-Ups as defined by DIPP, applicable as on the originally scheduled date of bid opening.

- 3.1 *In support of its 'Financial Position', in line with the above, the Bidder must provide the relevant information, alongwith documentary evidence, in the following formats A & B:*

| Name of the Bidder | | | |
|--|---|--|---|
| A. Turnover / Networth details: Whether the complete Annual Reports together with Audited Financial statement of Accounts/equivalent documents for the company for the FY of immediately preceding the date of submission of Bid are available?: | | | <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Tick only whichever is applicable)</i> |
| Sl. No. | Financial year | 2. Annual turnover in 1. Rs. Crore | 3. Networth in Rs Crore |
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| | Average annual turnover for best three years out of last 5 years is: | | |

| | |
|---|--|
| B. Liquid Assets | |
| Details of evidence of having Liquid assets (LA) | |
| Or | |
| Details of evidence of access to or availability of credit facilities | |

5.0 **The Bidder shall also furnish following documents/details with its bid. {Reference ITB clause 9.3 (c)}**

5.1 *The complete annual reports together with Audited statement of accounts of the company for last five years of its own (separate) immediately preceding the date of submission of bid.*

Note:

- I. *In the event the bidder is not able to furnish the information of its own (i.e separate), being a subsidiary company and its accounts are being consolidated with its group/holding/parent company, the bidder should submit the audited balance sheets, income statements, other information pertaining to it only (not of its group/Holding/Parent Company) duly certified by any one of the authority [(i) Statutory Auditor of the bidder /(ii) Company Secretary of the bidder or (iii) A certified Public Accountant] certifying that such information/documents are based on the audited accounts as the case may be.*
- II. *Similarly, if the bidder happens to be a Group/Holding/Parent Company, the bidder should submit the above documents/information of its own (i.e. exclusive of its subsidiaries) duly certified by any one of the authority mentioned in Note-I above certifying that these information/documents are based on the audited accounts, as the case may be.*

5.2 *The Bidder should accordingly also provide the following information/documents:*

Audited balance sheet and income statements for the last five years as per the following:

| Years preceding to the bid opening | 1. Audited Balance Sheet and Income Statements enclosed |
|---|--|
| 1 st Year | <input type="radio"/> Yes <input type="radio"/> No |
| 2 nd Year | <input type="radio"/> Yes <input type="radio"/> No |
| 3 rd Year | <input type="radio"/> Yes <input type="radio"/> No |
| 4 th Year | <input type="radio"/> Yes <input type="radio"/> No |
| 5 th Year | <input type="radio"/> Yes <input type="radio"/> No |

5.3

| | |
|--|--|
| Whether bidder organisation is underway of Financial re-structuring. | <input type="radio"/> Yes <input type="radio"/> No |
| If Yes, please enclose the details of same and data/ documents establishing the same | |

Date:.....

Place:.....

(Signature) :.....

(Printed Name) :.....

(Designation) :.....

| |
|--------------------|
| (Designation)..... |
| (Designation) |
| |
| (Common Seal) |
| |

Annexure 15:

Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in NER under Establishment of State of Art Unified Network Management System (U-NMS) for ISTS & State Utility Communication network in North Eastern Region (NER).

(Manufacturer's Authorization Form)

(On Manufacturer's Letterhead, see Clause 9.3(c) of the ITB)

To: [Insert: name of Employer]

Dear Ladies and/or Gentlemen,

WE *[insert: name of Manufacturer]* who are established and reputable manufacturers of *[insert: name and/or description of the plant & equipment]* having production facilities at *[insert: address of factory]* do hereby authorize *[insert: name & address of Bidder]* (hereinafter, the "Bidder") to submit a bid, and subsequently negotiate and sign the Contract with you against IFB *[insert: title and reference number of Invitation for Bids]* including the above plant & equipment or other goods produced by us.

We hereby extend our full guarantee and warranty for the above specified plant & equipment materials or other goods offered supporting the supply, installation and achieving of Operational Acceptance of the plant by the Bidder against these Bidding Documents, and duly authorize said Bidder to act on our behalf in fulfilling these guarantee and warranty obligations. We also hereby declare that we and, *[insert: name of the Bidder]* have entered into a formal relationship in which, during the duration of the Contract (including warranty / defects liability) we, the Manufacturer or Producer, will make our technical and engineering staff fully available to the technical and engineering staff of the successful Bidder to assist that Bidder, on a reasonable and best effort basis, in the performance of all its obligations to the Purchaser under the Contract.

For and on behalf of the Manufacturer

Signed: _____

Date: _____

In the capacity of *[insert: title of position or other appropriate designation]* and this should be signed by a person having the power of attorney to legal bind the manufacturer.

Date:.....

Place:.....

(Signature).....

(Printed Name).....

(Designation).....

(Common Seal).....

Note 1. The letter of Undertaking should be on the letterhead of the Manufacturer and should be signed by a person competent and having Power of Attorney to legally bind the Manufacturer. It shall be included by the bidder in its bid.

2. Above undertaking shall be registered or notarized so as to be legally enforceable.

Annexure 16:

Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in NER under Establishment of State of Art Unified Network Management System (U-NMS) for ISTS & State Utility Communication network in North Eastern Region (NER).

(Declaration of Key Managerial Person and Power of Attorney holder)

Bidder's Name and Address: To: RailTel Corporation of India Ltd.
Plate-A, 6th Floor, Office Tower-2,
NBCC Building, East Kidwai Nagar, New Delhi-
110023

Dear Sir,

1. We confirm that the declarations made in our bid, particularly Attachment-3 (QR) regarding eligibility/qualification data and documents submitted in our bid in support of the declarations, are true and correct to the best of our knowledge.
2. We further confirm that we have filled up Attachment-3(QR). We also confirm that in support of meeting the Technical experience requirement as per Annexure-A (BDS), we have enclosed self-certified copy of Contract/ Award Letter and certificate from the utility for which the contract has been executed.
3. We shall furnish clarification to bid, if any sought by Employer pursuant to ITB clause 21.1. We understand that if we fail to rectify/furnish the requested documents if any, within 7 working days' notice, our bid is liable to be rejected.
4. We understand that any false declaration and/or misrepresentation of facts and/or furnishing of false/forged documents /information may lead to our debarment from participation in Employer tenders and that our Bid Security/ Contract Performance Guarantee may be forfeited besides other actions as deemed to be appropriate as per the provisions of the Bidding Document/Integrity Pact/Employer's policy.
5. Notwithstanding above, we also understand that the Bid Capacity/Manufacturing Capacity as declared hereinabove, shall be subject to assessment, if any, by the Employer, which shall be final and binding. We also confirm that the Employer may verify the supporting documents/ details in connection with above declarations. We further understand that in case of any unethical practices inter-alia including any misrepresentation of facts, submission of false and/or forged details/ documents/ declaration by us, we may be debarred from the participation in Employer's tenders in future as considered appropriate by Employer and our Bid Security/ Contract Performance Guarantee shall be forfeited besides taking other actions as deemed appropriate.

Date:.....

Place:.....

(Signature of Power of Attorney holder).....

(Printed Name).....

(Designation).....

(Common Seal).....

(Signature of Key Managerial Person).....

(Printed Name).....

(Designation).....

(Common Seal).....

Note: Key Managerial Personnel (KMP) of the company shall include CEO/Managing Director/ Company Secretary/ Director/ CFO/any of the partner in case of partnership firm/any other officer entrusted with substantial powers of the management of the affairs of the company/firm.

Annexure 17:**Affidavit of Self certification regarding Minimum Local Content**

Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in NER under Establishment of State of Art Unified Network Management System (U-NMS) for ISTS & State Utility Communication network in North Eastern Region (NER).

Format for Affidavit of Self certification regarding Minimum Local Content in line with PPP-MII order, 2017 and MoP Order December 2018 if applicable, to be provided on a non-judicial stamp paper of Rs. 100/-.

I _____ S/o, _____ D/o, _____ W/o, _____ **Date:** _____ Resident of _____ hereby solemnly affirm and declare as under:

That I will agree to abide by the terms and conditions of the Public Procurement (Preference to Make in India) Order, 2017 of Government of India issued vide Notification No:P-45021/2/2017-BE-II dated 15/06/2017, its revision dated **04/06/2020** (hereinafter **PPP-MII order**), Public Procurement (Preference to Make in India) Order, 2017- Notification of Telecom products, Services or Works issued vide Notification No. 18-10/2017-IP dated 29.08.2018 by Department of Telecommunications (DoT), (hereinafter, **DoT-Order**) and any subsequent modifications/ Amendments, if any and

That the information furnished hereinafter is correct to the best of my knowledge and belief and I undertake to produce relevant records before the procuring entity/POWERGRID or any other Government authority for the purpose of assessing the local content of goods/services/works supplied by me for **Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in NER under Establishment of State of Art Unified Network Management System (U-NMS) for ISTS & State Utility Communication network in North Eastern Region (NER).**

That the local content for all inputs which constitute the said goods/services/works has been verified by me and I am responsible for the correctness of the claims made therein.

That the 'Local Content 'as defined in the PPP-MII order and DoT order in the goods/services/works supplied by me for Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in NER under Establishment of State of Art Unified Network Management System (U-NMS) for ISTS & State Utility Communication network in North Eastern Region (NER) is percent (%).

That the goods/services/works supplied by me for **Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in NER under Establishment of State of Art Unified Network Management System (U-NMS) for ISTS & State Utility Communication network in North Eastern Region (NER)** meet the 'Local Content' requirement as defined in the PPP-MII order and DoT order for 'Class -I local supplier'.

That the value addition for the purpose of meeting the 'Local Content' has been made by me at (*Enter the details of the location(s) at which value addition is made*).

That in the event of the local content of the goods/services/works mentioned herein is found to be incorrect and not meeting the prescribed Local Content criteria, based on the assessment of procuring agency (ies)/POWERGRID/Government Authorities for the purpose of assessing the local content, action shall be taken against me in line with the PPP-MII order, **DoT order** and provisions of the Integrity pact/ Bidding Documents.

I agree to maintain the following information in the Company's record for a period of 8 years and shall make this available for verification to any statutory authority.

- i Name and details of the Local Supplier
(Registered Office, Manufacturing unit location, nature of legal entity)
- ii. Date on which this certificate is issued
- iii. Goods/services/works for which the certificate is produced
- iv. Procuring entity to whom the certificate is furnished
- v. Percentage of local content claimed and whether it meets the Local Content prescribed for '**Class-I local supplier**'
- vi. Name and contact details of the unit of the Local Supplier (s)
- vii. Sale Price of the product
- viii Ex-Factory Price of the product
- ix. Freight, insurance and handling
- x. Total Bill of Material
- xi List and total cost value of input used to manufacture the Goods/to provide services/in construction of works
- xii. List and total cost of input which are domestically sourced. Value addition certificates from suppliers, if the input is not in-house to be attached
- xiii. List and cost of inputs which are imported, directly or indirectly

For and on behalf of..... (Name of firm/entity)

Authorized signatory (To be duly authorized by the Board of Directors)

<Insert Name, Designation and Contact No.>

Annexure 18:

Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in NER under Establishment of State of Art Unified Network Management System (U-NMS) for ISTS & State Utility Communication network in North Eastern Region (NER).

Certificate from statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of Local Content, in line with PPP-MII order and DoT order, if applicable *[to be submitted on the letter head of the issuer.]*

Dear Sir,

We have read and understood the provisions of “Public Procurement (Preference to Make in India) Order, 2017” dated 15/06/2017, its revision dated 04/06/2020 and any subsequent modifications/Amendments, if any [hereinafter, “PPP-MII Order”] issued by Department of Industrial Policy and Promotion (DIPP), Ministry of Commerce and Industry, Government of India and Public Procurement (Preference to Make in India) Order, 2017- Notification of Telecom products, Services or Works issued vide Notification No. 18-10/2017-IP dated 29.08.2018 by Department of Telecommunications (DoT) [hereinafter, “DoT-Order”] and any subsequent modifications/Amendments, if any.

In line with the provisions of the PPP-MII Order **and DoT Order**, M/s. *[Enter the name of the Bidder]* [hereinafter, “**Class-I Local Supplier**”] have submitted an Affidavit of self-certification to M/s. Power Grid Corporation of India Limited [hereinafter, POWERGRID] regarding Local Content in Goods/Services/Works to be supplied by the “**Class-I Local Supplier**” for **Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in NER under Establishment of State of Art Unified Network Management System (U-NMS) for ISTS & State Utility Communication network in North Eastern Region (NER)**, wherein they have agreed to abide by the terms and conditions of the PPP-MII Order **and DoT Order**.

Further, in line with the PPP-MII Order, the statutory auditor or cost auditor of the company (**in the case of companies**) or a practicing cost accountant or practicing chartered accountant (**in respect of suppliers other than companies**) shall provide a certificate giving the percentage of Local Content in the Goods/Service/Works to be supplied by the “**Class-I Local Supplier**”/”**Class-II Local Supplier**”(choose as applicable)for *[Enter the name of the package]*.

Accordingly, we, the Statutory Auditor(s) / Cost auditor of the “**Class-I Local Supplier**” a practicing cost accountant or practicing chartered accountant [**choose as applicable**], certify that the Local Content as defined under the PPP-MII **and DoT Order**, in the Goods/Service/Works to be supplied by the “**Class-I Local Supplier**” for **Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in NER under Establishment of State of Art Unified Network Management System (U-NMS) for ISTS & State Utility Communication network in North Eastern Region (NER)** is percentage *[specify the percentage of Local content]*.

For and on behalf of,

Date:

<<Statutory Auditor's/ Cost auditor's/ Cost accountant's/ Chartered accountant's attestation>>
Firm Reg No. Membership No.

Note: This is a guiding format. In case the bidder submits the certificate in a format different from the above, the same may be considered provided it meets the intent and purpose, as may be ascertained by POWERGRID.

Annexure 19:

Authorization certificate issued by Domestic Manufacturer for selling Domestically Manufactured Iron & Steel Products

Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in NER under Establishment of State of Art Unified Network Management System (U-NMS) for ISTS & State Utility Communication network in North Eastern Region (NER).

Authorization certificate issued by Domestic Manufacturer for selling Domestically Manufactured Iron & Steel Products

(On Domestic Manufacturer's Letterhead, see Clause 9.3(v) of the ITB)

To: *[Insert: name of Employer]*

Dear Ladies and/or Gentlemen,

WE*[insert: name of Domestic Manufacturer]* [hereinafter, "Domestic Manufacturer"] who are established and reputable manufacturers of..... *[insert: name and/or description of the Iron/Steel Product being supplied by the Domestic Manufacturer]* [hereinafter, "Iron & Steel Products"] having production facilities at*[insert: address of factory]* do hereby authorize*[insert: name & address of Bidder]* (hereinafter, the "Bidder") to submit a bid, and subsequently negotiate and sign the Contract with you against **Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in NER under Establishment of State of Art Unified Network Management System (U-NMS) for ISTS & State Utility Communication network in North Eastern Region (NER); Spec. No.: CC-CS/1057-NER/CommEqp-4167/3/G4** including for supply of Goods manufactured using the Iron & Steel Product produced by us.

We hereby assure that in the event of award of the Contract on the Bidder, we shall supply the Iron & Steel Products to the Contractor, adhering to minimum Domestic Value Addition prescribed for the Iron & Steel Products in line with the "Policy for providing preference to Domestically Manufactured Iron & Steel Products in Government Procurement" issued by the Ministry of Steel Government of India Vide Notification dated 8th May 2017 **and its revision dated 29th May 2019** including subsequent amendments/ modifications, if any.

For and on behalf of the Domestic Manufacturer

Signed: _____

Date: _____

In the capacity of*[insert: title of position or other appropriate designation]* and this should be signed by a person having the power of attorney to legal bind the Domestic manufacturer.

Date:.....

Place:.....

(Signature).....

(Printed Name).....

(Designation).....

(Common Seal).....

Note 1. The Authorization certificate should be on the letterhead of the Domestic Manufacturer and should be signed by a person competent and having Power of Attorney to legally bind the Domestic Manufacturer. It shall be included by the bidder in its bid.

Annexure 20:

Package – I : Unified Network Management System (U-NMS) for under Establishment of State of Art Unified Network Management System (U-NMS) for ISTS & State Utility Communication network in North Eastern Region

Format for Affidavit of Self Certification regarding Domestic Value Addition in Iron & Steel Products to be provided on a non-judicial stamp paper of Rs. 100/-.

I _____ S/o, _____ D/o, _____ W/o, _____ **Date:**
of _____ hereby solemnly
affirm and declare as under:

That I will agree to abide by the terms and conditions of the policy of Government of India issued vide Notification No: _____ dated 8th May 2017 **and its revision dated 29th May 2019 including subsequent amendments/ modifications, if any** and

That the information furnished hereinafter is correct to the best of my knowledge and belief and I undertake to produce relevant records before the procuring agency (ies)/POWERGRID for the purpose of assessing the domestic value addition **of Iron & Steel Products supplied by us*/supplied by us to(Name of the bidder).....*** for manufacturing/supply of Goods for **Package – I : Unified Network Management System (U-NMS) for under Establishment of State of Art Unified Network Management System (U-NMS) for ISTS & State Utility Communication network in North Eastern Region; Spec. No.: CC-CS/1057-NER/CommEqp-4167/3/G4.**

*** Please delete whichever is not applicable**

That the domestic value addition for all inputs which constitute the said Iron & Steel products has been verified by me and I am responsible for the correctness of the claims made therein.

That in the event of the domestic value addition of the product mentioned herein is found to be incorrect and not meeting the prescribed value-addition criteria, based on the assessment of procuring agency (ies)/POWERGRID for the purpose of assessing the domestic value-addition, I will be disqualified from any Government tender for a period of 36 months. In addition, I will bear all costs of such an assessment.

That I have complied with all conditions referred to in the Notification No. _____ dated 8th May 2017 **and its revision dated 29th May 2019** wherein preference to domestically manufactured iron & steel products in Government procurement is provided and that the procuring agency (ies)/POWERGRID is hereby authorized to take action in line with the provisions of the Integrity pact/ Bidding Documents. **I also undertake to pay the assessment cost and pay all penalties as specified in the tender document.**

I agree to maintain the following information in the Company's record for a period of 8 years and shall make this available for verification to any statutory authority.

- i Name and details of the Bidder
(Registered Office, Manufacturing unit location, nature of legal entity)
- ii. Date on which this certificate is issued

- iii. Iron & Steel Products for which the certificate is produced
- iv. Procuring agency to whom the certificate is furnished
- v. Percentage of domestic value addition claimed and whether it meets the threshold value of domestic value addition prescribed
- vi. Name and contact details of the unit of the manufacturer (s)
- vii. Net Selling Price of the Iron & Steel products
- viii. Freight, insurance and handling till plant
- ix. List and total cost value of input steel (imported) used to manufacture the Iron & Steel products
- x. List and total cost of input steel which are domestically sourced.
- xi. Please attach value addition certificates from suppliers, if the input is not in-house.
- xii. For imported input steel, landed cost at Indian port with break-up of CIF value, duties & taxes, port handling charges and inland freight cost.

For and on behalf of..... (Name of firm/entity)

Authorized signatory (To be duly authorized by the Board of Directors)

<Insert Name, Designation and Contact No.>

Annexure 21:

Compliance to the process related to the e-RA Terms & Conditions and the Business Rules governing the e-RA

Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in NER under Establishment of State of Art Unified Network Management System (U-NMS) for ISTS & State Utility Communication network in North Eastern Region (NER).

(Compliance to the process related to the e-RA Terms & Conditions and the Business Rules governing the e-RA)

Bidder's Name and Address (Lead Partner) : RailTel Corporation of India Ltd.
Plate-A, 6th Floor, Office Tower-2,
NBCC Building, East Kidwai Nagar, New
Delhi-110023

Name :
Address :

Dear Sir,

This has reference to the Terms & Conditions for the e-Reverse Auction mentioned in the Business Rules for[Enter the name of the package]

We confirm that:

- 1) The undersigned is authorized representative of the **Bidder**.
- 2) We have studied the e-Reverse Auction Terms & Conditions and the Business Rules governing the e-Reverse Auction as mentioned in your letter and confirm our agreement to them.
- 3) We understand that **ASP** shall arrange to demonstrate/ train (if not trained earlier) bidders' nominated person(s), without any cost. They will also explain all the Rules related to e-Reverse Auction/ Business Rules Document to be adopted along with bid manual. We have further noticed that we at own discretion may ask for additional training to use the e-RA platform well in advance before start of the e-RA event by contacting the **ASP** at any suitable time. All such additional trainings shall also be free of cost.
- 4) We further re-confirm that within an hour of conclusion of e-Reverse Auction, we will submit confirmation of our final offered price in e-Reverse Auction including the break-up under individual head of the template [i.e. **CIF/Ex-works Price, Port handling & Custom clearance, Local Transportation, In-transit Insurance, loading and unloading, Installation Charges, Type Test Charges, Training Charges, Customs Duty, GST for supply of Goods and Installation Services etc., as applicable**] Further, unless otherwise stated in the above break-up, decrease in the price of individual head of the template shall be considered proportionately on all individual line items of the respective head of the price schedules. In case, there is any variation between our final price quoted in Reverse Auction and the signed document submitted by us after Auction, the first i.e. Closing Price in Auction, shall be taken as final offered price by us. We also confirm that we will not increase unit rate of any item submitted in our original bid.

We hereby confirm that we will honor the Bids placed by us during the auction process.

Date :

Printed Name:

Place :

Designation:

Annexure 22:

Package – I : Unified Network Management System (U-NMS) for Central Sector & State Sector Communication in NER under Establishment of State of Art Unified Network Management System (U-NMS) for ISTS & State Utility Communication network in North Eastern Region (NER).

Certification by the Bidder per order no. F.No.6/18/2019-PPD dated 23/07/2020 issued by Public Procurement Division, Department of Expenditure, Ministry of Finance, Government of India (DoE Order) in line with ITB 2.1

Bidder's Name and Address:

Name:.....

Address:.....

.....

To:

RailTel Corporation of India Ltd.
Plate-A, 6th Floor, Office Tower-2,
NBCC Building, East Kidwai Nagar, New
Delhi-110023

Dear Sir,

We have read and understood the provisions of Order no. F.No.6/18/2019-PPD (Order Public Procurement no.1) dated 23/07/2020 regarding "Restriction under Rule 144(xi) of General Financial Rules" and F.No.6/18/2019-PPD (Order Public Procurement no.2) dated 23/07/2020 regarding "Exclusions from Restriction under Rule 144(xi) of General Financial Rules" issued by Public Procurement Division, Department of Expenditure, Ministry of Finance, Government of India [hereinafter collectively "**DoE Order**"] and any subsequent modifications/Amendments, if any.

Particularly, we, the Bidder, have read the clause regarding restrictions on procurement from a 'Bidder of a country which shares a land border with India' and on sub-contracting to contractors from such countries.

We certify that we, the bidder is not from such a country or, if from such a country, has been registered **as per provisions of the Bidding Documents** with the Competent Authority and will not subcontract any work to a subcontractor/sub vendor from such countries unless such subcontractor/sub vendor fulfils all requirement in this regard and is eligible to be considered. *[Where applicable, evidence of valid registration by the Competent Authority shall be attached.]*

We further declare that any misrepresentation or submission of false/forged document/information in this regard shall be dealt with as per the provisions of Integrity Pact and/or Bidding Documents and/or POWERGRID's policy and procedures.

Date:

Printed Name:

Place:

Designation:

Annexure 23:

Bid-Securing Declaration

[The Bidder shall fill in this Form in accordance with the instructions indicated.]

Date: *[date (as day, month and year)]*

Specification number: *[specification number of the package]*

To: *[insert Name and Address of Employer]*

We, *[insert name of the Bidder]* understand that, according to bid conditions, Bids must be supported by a Bid-Securing Declaration.

We the Bidder hereby declare that, if we are in breach of any of our obligation(s) under the bidding conditions as brought out below, our bids for any package whose originally scheduled date of bid opening/actual date of bid opening (First Envelope or Second Envelope) falls within 1 year reckoned from the date of issuance of communication to this effect by the Employer, shall be considered non-responsive:

- (1) If we withdraw our bid during the period of bid validity specified by us in the Bid Form; or
- (2) In case we do not withdraw the deviations proposed by us, if any, at the cost of withdrawal stated by us in the bid and/or accept the withdrawals/rectifications pursuant to the declaration/confirmation made by us in Attachment – Declaration of the Bid; or
- (3) If we do not accept the corrections to arithmetical errors identified during preliminary evaluation of our bid pursuant to ITB Clause 27.2; or
- (4) If, as per the requirement of Qualification Requirements, we fail to submit a Deed of Joint Undertaking(duly attested by Notary Public of the place(s) of the respective executants (s) or registered with the Indian Embassy/High Commission in that Country) within ten days from the date of intimation of post – bid discussion; or
- (5) In the event of us being a successful Bidder, if we fail within the specified time limit
 - (i) To sign the Contract Agreement, in accordance with ITB Clause 34, or
 - (ii) To furnish the required performance security, in accordance with ITB Clause 35.

or

- (6) In any other case specifically provided for in ITB.

Name of the Bidder* _____

Name of the person duly authorized to sign the Bid on behalf of the Bidder** _____

Title of the person signing the Bid _____

Signature of the person named above _____

Date signed _____ day of _____, _____

*: In the case of the Bid submitted by joint venture specify the name of the Joint Venture as Bidder

**: Person signing the Bid shall have the power of attorney given by the Bidder attached to the Bid

[Note: In case of a Joint Venture, the Bid-Securing Declaration must be in the name of all members to the Joint Venture that submits the Bid.]

Annexure 24:

FORMAT FOR 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 25:

Form of Certificate of Origin and Eligibility

(Form of Certificate of Origin and Eligibility)

Bidder's Name and Address:

Name:.....

Address:.....

.....

To:

RailTel Corporation of India Ltd.
Plate-A, 6th Floor, Office Tower-2,
NBCC Building, East Kidwai Nagar, New
Delhi-110023

Dear Sir,

We hereby certify that equipment and materials to be supplied are produced in [Enter the name of country where from equipments & material shall be supplied] eligible source country.

We hereby certify that our company is incorporated and registered in [Enter the name of country where from equipments & material shall be supplied] eligible source country.

| Equipments & Materials produced in [Name of countries] | Company incorporated & registered in [Name of countries] |
|--|--|
| | |
| | |
| | |
| | |
| | |

Date:

Printed Name:

Place:

Designation:

Annexure 8: Schedule for Rates and Prices

4. Supply: Plant & Equipment (Including mandatory spare parts) to be supplied, including Type Test charges for Tests to be conducted

| Sl. No. | Activity Description | HSN Code | Whether HSN is confirmed. If not indicate applicable the HSN code | Rate of GST applicable (in %) | Whether rate of GST is confirmed. If not indicate applicable rate of GST | Item Description | Unit | Qty. | Unit Ex-works price (excluding GST) | Total Ex-works price (excluding GST) | GST Tax |
|---|----------------------|----------|---|-------------------------------|--|--|------|------|-------------------------------------|--------------------------------------|---------|
| UNMS for ISTS & State Utility Comm NER-M | | | | | | | | | | | |
| 1 | Supply-Software | 85176930 | | 18 | | NETWORK RESOURCE (DISCOVERY & INVENTORY) MANAGEMENT | LOT | 1 | | | |
| 2 | Supply-Software | 85176930 | | 18 | | DESIGN, ASSIGN, ACTIVATION, PROVISIONING, & CONFIGURATION | LOT | 1 | | | |
| 3 | Supply-Software | 85176930 | | 18 | | FAULT MANAGEMENT SYSTEM (ALONG WITH ROOT CAUSE ANALYSIS (RCA), SERVICE IMPACT ANALYSIS (SIA), NETWORK IMPACT ANALYSIS. | LOT | 1 | | | |
| 4 | Supply-Software | 85176930 | | 18 | | PERFORMANCE MANAGEMENT SYSTEM | LOT | 1 | | | |
| 5 | Supply-Software | 85176930 | | 18 | | TROUBLE TICKETING SYSTEM (INCIDENT MANAGEMENT SYSTEM AND WEB PORTAL) | LOT | 1 | | | |
| 6 | Supply-Software | 85176930 | | 18 | | REPORTING & DASH BOARDING SYSTEM | LOT | 1 | | | |
| 7 | Supply-Software | 85176930 | | 18 | | DATABASE SOFTWARE (DB) | LOT | 1 | | | |
| 8 | Supply-Software | 85176930 | | 18 | | OPERATING SYSTEM (OS) | LOT | 1 | | | |
| 9 | Supply-Software | 85176930 | | 18 | | BACKUP & RESTORE SOFTWARE | LOT | 1 | | | |
| 10 | Supply-Software | 85176930 | | 18 | | HOT BASED IDS FOR ALL MACHINES | LOT | 1 | | | |
| 11 | Supply-Software | 85176930 | | 18 | | SOFTWARE FOR DATA REPLICATION SERVER | LOT | 1 | | | |
| 12 | Supply-Software | 85238020 | | 18 | | Software for Configuration management Server cum centralised management console | LOT | 1 | | | |
| 13 | Supply-Software | 85238020 | | 18 | | Web Server Application Software - Web Server system | LOT | 1 | | | |
| 14 | Supply-Software | 85238020 | | 18 | | Antivirus Software | LOT | 1 | | | |
| 15 | Supply-Software | 85176930 | | 18 | | IDENTITY MANAGEMENT SOFTWARE ALONG WITH PATCH MANAGEMENT SOFTWARE | LOT | 1 | | | |
| 16 | Supply-Software | 85176930 | | 18 | | SMS/EMAIL ESCALATION SOFTWARE LICENSE FOR ALL U-NMS MODULES | LOT | 1 | | | |
| 17 | Supply-Software | 85176930 | | 18 | | SOFTWARE ADAPTERS FOR ANY MAKE/TECHNOLOGY NETWORK ELEMENT (NE) | LOT | 1 | | | |

| | | | | | | | | | | | |
|----|-----------------------------|----------|--|----|--|--|-----|---|--|--|--|
| 18 | Supply-Software | 85238020 | | 18 | | NETWORK MANAGER & ELEMENT MANAGER SYSTEM - SOFTWARE | SET | 1 | | | |
| 19 | Supply-Software | 85176930 | | 18 | | INTEGRATION BUS FOR CONNECTING ALL SOFTWARE MODULES | LOT | 1 | | | |
| 20 | Supply-Software | 85176930 | | 18 | | SOFTWARE FOR STORAGE AREA NETWORK (SAN) STORAGE AND NETWORK ATTACHED STORAGE (NAS) | LOT | 1 | | | |
| 21 | Supply-Software | 85238020 | | 18 | | Information Storage & Retrieval System - Data Historian Software | LOT | 1 | | | |
| 22 | Supply-Software | 85176930 | | 18 | | SOFTWARE FOR DEVELOPMENT SERVER FOR SIMULATION, TESTING AND TRAINING | LOT | 1 | | | |
| 23 | Supply-Server & accessories | 84715000 | | 18 | | SERVERS FOR NETWORK RESOURCE (DISCOVERY & INVENTORY) MANAGEMENT | EA | 2 | | | |
| 24 | Supply-Server & accessories | 84715000 | | 18 | | SERVERS FOR DESIGN, ASSIGN, ACTIVATION, PROVISIONING AND CONFIGURATION | EA | 2 | | | |
| 25 | Supply-Server & accessories | 84715000 | | 18 | | SERVERS FOR FAULT MANAGEMENT SYSTEM | EA | 2 | | | |
| 26 | Supply-Server & accessories | 84715000 | | 18 | | SERVERS FOR PERFORMANCE MANAGEMENT SYSTEM | EA | 2 | | | |
| 27 | Supply-Server & accessories | 84715000 | | 18 | | SERVERS FOR TROUBLE TICKETING SYSTEM | EA | 2 | | | |
| 28 | Supply-Server & accessories | 84715000 | | 18 | | SERVERS FOR REPORTING & DASH BOARDING SYSTEM | EA | 2 | | | |
| 29 | Supply-Server & accessories | 84715000 | | 18 | | Web server | EA | 2 | | | |
| 30 | Supply-Server & accessories | 84715000 | | 18 | | Configuration management Server cum centralised management console | EA | 2 | | | |
| 31 | Supply-Server & accessories | 84715000 | | 18 | | Data Replica Server | EA | 2 | | | |
| 32 | Supply-Server & accessories | 84715000 | | 18 | | ANTIVIRUS MANAGEMENT SERVER | EA | 2 | | | |
| 33 | Supply-Server & accessories | 84715000 | | 18 | | IDENTITY AND PATCH MANAGEMENT SERVER | EA | 2 | | | |
| 34 | Supply-Server & accessories | 84715000 | | 18 | | Hardware for Storage Area Network (SAN) Storage | EA | 2 | | | |
| 35 | Supply-Server & accessories | 84715000 | | 18 | | Data Historian Server | EA | 2 | | | |
| 36 | Supply-Server & accessories | 85176930 | | 18 | | DEVELOPMENT SERVER FOR SIMULATION, TESTING AND TRAINING | EA | 1 | | | |
| 37 | Supply-Server & accessories | 85176930 | | 18 | | Hardware for Network Attached Storage (NAS) | LOT | 1 | | | |

| | | | | | | | | | | | |
|----|-----------------------------------|----------|--|----|--|--|-----|----|--|--|--|
| 38 | Supply-Server & accessories | 85176930 | | 18 | | POWER CABLES, CONNECTORS , MCB'S , UTP CABLE, JACKS, MOUNTING CORDS,PATCH CORDS AND ALL OTHER INSTALLATION HARDWARE/SOFTWARE ANDACCESSORIES | LOT | 1 | | | |
| 39 | Supply-Server & accessories | 85176930 | | 18 | | 44U SERVER RACK/PANELS WITH IP Based KVM SWITCH & RACK MOUNTED MONITOR | LOT | 1 | | | |
| 40 | Supply-Server & accessories | 84713090 | | 18 | | NETWORK MANAGER & ELEMENT MANAGER SYSTEM - HARDWARE | SET | 1 | | | |
| 41 | Supply-Console, Laptop & VPS | 85389000 | | 18 | | Workstation Console integrated with dual 24inch TFT Monitors along with OS & license | EA | 4 | | | |
| 42 | Supply-Console, Laptop & VPS | 85389000 | | 18 | | WORKSTATION CONSOLE WITH ONE 24" TFT WITH OS AND LICENSE | EA | 3 | | | |
| 43 | Supply-Console, Laptop & VPS | 85286100 | | 18 | | Remote Console wall monted 55" screen | EA | 2 | | | |
| 44 | Supply-Console, Laptop & VPS | 85176930 | | 18 | | PROCESSOR TERMINAL -LAPTOP | EA | 1 | | | |
| 45 | Supply-Console, Laptop & VPS | 85176930 | | 18 | | VIDEO PROJECTION UNIT HAVING CONTROLLERS INCLUDING INTERFACED,HARDWARE, SOFTWARE AND LED BASED VIDEO PROJECTION SYSTEM (EACH MODULES OF 70" (4*3)) | LOT | 1 | | | |
| 46 | Supply-Console & Laptop for state | 85389000 | | 18 | | Workstation Console integrated with dual 24inch• TFT Monitors along with OS & license | EA | 14 | | | |
| 47 | Supply-Console & Laptop for state | 85389000 | | 18 | | WORKSTATION CONSOLE WITH ONE 24" TFT WITH OS AND LICENSE | EA | 7 | | | |
| 48 | Supply-WAN routers | 85176930 | | 18 | | WAN ROUTERS FOR STATE END (MINIMUM 4X10 GBPS FIBRE OPTIC PORTS , 4X1GBPS ETHERNET PORTS, V.35, G.703 PORTS) | EA | 14 | | | |
| 49 | Supply-WAN routers | 85176930 | | 18 | | WAN ROUTERS AT SERVER LOCATION END (MINIMUM 4X10 GBPS FIBRE OPTICPORTS, 8X1 GBPS ETHERNET PORTS, V.35, G.703 PORTS) | EA | 6 | | | |
| 50 | Supply-L-3 LAN Switch | 85176930 | | 18 | | 24 PORT L-3 LAN SWITCH FOR STATE END (MINIMUM 4X10 GBPS FIBRE OPTICPORTS AND 8X1 GBPS ETHERNET PORTS) | EA | 14 | | | |
| 51 | Supply-L-3 LAN Switch | 85176930 | | 18 | | 24 PORT L-3 LAN SWITCH FOR SERVER LOCATION (MINIMUM 8X10 GBPS FIBREOPTIC PORTS, 16X1 GBPS ETHERNET PORTS) | EA | 2 | | | |
| 52 | Supply-Firewall | 85176930 | | 18 | | INTERNAL FIREWALL WITH IDPS FOR STATE END (MINIMUM 4X10 GBPS FIBREOPTIC PORTS AND 4X1 GBPS ETHERNET PORTS) | EA | 14 | | | |

| | | | | | | | | | | | |
|----|-------------------------------|----------|--|----|--|--|-----|----|--|--|--|
| 53 | Supply-Firewall | 85176930 | | 18 | | EXTERNAL FIREWALL (UTM) WITH IDPS FOR STATE END (MINIMUM 4X10 GBPS FIBRE OPTIC PORTS AND 4X1 GBPS ETHERNET PORTS) | EA | 14 | | | |
| 54 | Supply-Firewall | 85176930 | | 18 | | INTERNAL FIREWALL WITH IDPS FOR SERVER LOCATION (MINIMUM 8X10 GBPS FIBRE OPTIC PORTS AND 8X1 GBPS) | EA | 2 | | | |
| 55 | Supply-Firewall | 85176930 | | 18 | | EXTERNAL FIREWALL (UTM) WITH IDPS FOR SERVER LOCATION (MINIMUM 8X10GBPS FIBRE OPTIC PORTS AND 8X1 GBPS ETHERNET PORTS) | EA | 2 | | | |
| 56 | Supply-printer server loc | 84433240 | | 28 | | Color Laser Printer | EA | 1 | | | |
| 57 | Supply-printer-state | 84433240 | | 28 | | Color Laser Printer | EA | 7 | | | |
| 58 | Supply-Furniture s server loc | 85176930 | | 18 | | U-TYPE OPERATOR MOTORIZED WORKSTATION DESK | EA | 2 | | | |
| 59 | Supply-Furniture s server loc | 85176930 | | 18 | | U-TYPE OPERATOR NORMAL WORKSTATION DESK | EA | 1 | | | |
| 60 | Supply-Furniture s server loc | 94038900 | | 28 | | Workstation Desk | EA | 4 | | | |
| 61 | Supply-Furniture s server loc | 85389000 | | 18 | | Furnitures- Chairs | LOT | 7 | | | |
| 62 | Supply-Furniture s-state | 85176930 | | 18 | | U-TYPE OPERATOR NORMAL WORKSTATION DESK | EA | 14 | | | |
| 63 | Supply-Furniture s-state | 94038900 | | 28 | | Workstation Desk | EA | 7 | | | |
| 64 | Supply-Furniture s-state | 85389000 | | 18 | | Furnitures- Chairs | LOT | 21 | | | |
| 65 | Supply-Auxiliary power supply | 85044010 | | 18 | | 40 KVA (32KW AT 0.8 PF) UPS RUNNING IN PARALLEL | SET | 2 | | | |
| 66 | Supply-Auxiliary power supply | 85072000 | | 28 | | VRLA TYPE BATTERY BANKS FOR ABOVE UPS (EACH BANK OF 76.8 KVAH) | LOT | 2 | | | |
| 67 | Supply-Auxiliary power supply | 85371000 | | 18 | | Input ACDB (150 kVA rating) | EA | 1 | | | |
| 68 | Supply-Auxiliary power supply | 85371000 | | 18 | | Output ACDB (100 kVA rating) | EA | 1 | | | |
| 69 | Supply-Auxiliary power supply | 85072000 | | 28 | | ACCESSORIES FOR MAINTENANCE OF VRLA TYPE BATTERIES | LOT | 1 | | | |
| 70 | Supply-Auxiliary power supply | 85044010 | | 18 | | POWER DISTRIBUTION AND CABLING WORK REQUIRED TO ESTABLISH UPS | LOT | 1 | | | |
| 71 | Supply-Auxiliary power supply | 85219090 | | 18 | | UPS Monitoring System | LOT | 1 | | | |
| 72 | Supply-Auxiliary power supply | 85049090 | | 18 | | Isolation Transformer of double the UPS rating | LOT | 1 | | | |

| | | | | | | | | | | | |
|---|--------------------------|----------|--|----|--|--|-----|---|--|--|--|
| 73 | Supply-GPS & Display | 85329000 | | 18 | | GPS Clock with antenna | EA | 1 | | | |
| 74 | Supply-GPS & Display | 85176930 | | 18 | | TIME AND SYSTEM AVAILABILITY DISPLAY | EA | 1 | | | |
| 75 | Supply-Display for state | 85176930 | | 18 | | TIME AND SYSTEM AVAILABILITY DISPLAY | EA | 7 | | | |
| UNMS for ISTS & State Utility Comm NER-B | | | | | | | | | | | |
| 1 | Supply-Software | 85176930 | | 18 | | NETWORK RESOURCE (DISCOVERY & INVENTORY) MANAGEMENT | LOT | 1 | | | |
| 2 | Supply-Software | 85176930 | | 18 | | DESIGN, ASSIGN, ACTIVATION, PROVISIONING, & CONFIGURATION | LOT | 1 | | | |
| 3 | Supply-Software | 85176930 | | 18 | | FAULT MANAGEMENT SYSTEM (ALONG WITH ROOT CAUSE ANALYSIS (RCA), SERVICE IMPACT ANALYSIS (SIA), NETWORK IMPACT ANALYSIS. | LOT | 1 | | | |
| 4 | Supply-Software | 85176930 | | 18 | | PERFORMANCE MANAGEMENT SYSTEM | LOT | 1 | | | |
| 5 | Supply-Software | 85176930 | | 18 | | TROUBLE TICKETING SYSTEM (INCIDENT MANAGEMENT SYSTEM AND WEB PORTAL) | LOT | 1 | | | |
| 6 | Supply-Software | 85176930 | | 18 | | REPORTING & DASH BOARDING SYSTEM | LOT | 1 | | | |
| 7 | Supply-Software | 85176930 | | 18 | | DATABASE SOFTWARE (DB) | LOT | 1 | | | |
| 8 | Supply-Software | 85176930 | | 18 | | OPERATING SYSTEM (OS) | LOT | 1 | | | |
| 9 | Supply-Software | 85176930 | | 18 | | BACKUP & RESTORE SOFTWARE | LOT | 1 | | | |
| 10 | Supply-Software | 85176930 | | 18 | | HOT BASED IDS FOR ALL MACHINES | LOT | 1 | | | |
| 11 | Supply-Software | 85176930 | | 18 | | SOFTWARE FOR DATA REPLICATION SERVER | LOT | 1 | | | |
| 12 | Supply-Software | 85238020 | | 18 | | Software for Configuration management Server cum centralised management console | LOT | 1 | | | |
| 13 | Supply-Software | 85238020 | | 18 | | Web Server Application Software - Web Server system | LOT | 1 | | | |
| 14 | Supply-Software | 85238020 | | 18 | | Antivirus Software | LOT | 1 | | | |
| 15 | Supply-Software | 85176930 | | 18 | | IDENTITY MANAGEMENT SOFTWARE ALONG WITH PATCH MANAGEMENT SOFTWARE | LOT | 1 | | | |
| 16 | Supply-Software | 85176930 | | 18 | | SMS/EMAIL ESCALATION SOFTWARE LICENSE FOR ALL U-NMS MODULES | LOT | 1 | | | |
| 17 | Supply-Software | 85176930 | | 18 | | SOFTWARE ADAPTERS FOR ANY MAKE/TECHNOLOGY NETWORK ELEMENT (NE) | LOT | 1 | | | |
| 18 | Supply-Software | 85176930 | | 18 | | INTEGRATION BUS FOR CONNECTING ALL OF ABOVE SOFTWARE MODULES | LOT | 1 | | | |
| 19 | Supply-Software | 85176930 | | 18 | | SOFTWARE FOR STORAGE AREA NETWORK (SAN) STORAGE AND NETWORK ATTACHED STORAGE (NAS) | LOT | 1 | | | |
| 20 | Supply-Software | 85238020 | | 18 | | Information Storage & Retrieval System - Data Historian Software | LOT | 1 | | | |

| | | | | | | | | | | | |
|----|-----------------------------|----------|--|----|--|---|-----|---|--|--|--|
| 21 | Supply-Software | 85176930 | | 18 | | SOFTWARE FOR DEVELOPMENT SERVER FOR SIMULATION, TESTING AND TRAINING | LOT | 1 | | | |
| 22 | Supply-Server & accessories | 84715000 | | 18 | | SERVERS FOR NETWORK RESOURCE (DISCOVERY & INVENTORY) MANAGEMENT | EA | 2 | | | |
| 23 | Supply-Server & accessories | 84715000 | | 18 | | SERVERS FOR DESIGN, ASSIGN, ACTIVATION, PROVISIONING AND CONFIGURATION | EA | 2 | | | |
| 24 | Supply-Server & accessories | 84715000 | | 18 | | SERVERS FOR FAULT MANAGEMENT SYSTEM | EA | 2 | | | |
| 25 | Supply-Server & accessories | 84715000 | | 18 | | SERVERS FOR PERFORMANCE MANAGEMENT SYSTEM | EA | 2 | | | |
| 26 | Supply-Server & accessories | 84715000 | | 18 | | SERVERS FOR TROUBLE TICKETING SYSTEM (ITIL V3 COMPLIANT) | EA | 2 | | | |
| 27 | Supply-Server & accessories | 84715000 | | 18 | | SERVERS FOR REPORTING & DASH BOARDING SYSTEM | EA | 2 | | | |
| 28 | Supply-Server & accessories | 84715000 | | 18 | | Web server | EA | 2 | | | |
| 29 | Supply-Server & accessories | 84715000 | | 18 | | Configuration management Server cum centralised management console | EA | 2 | | | |
| 30 | Supply-Server & accessories | 84715000 | | 18 | | Data Replica Server | EA | 2 | | | |
| 31 | Supply-Server & accessories | 84715000 | | 18 | | ANTIVIRUS MANAGEMENT SERVER | EA | 2 | | | |
| 32 | Supply-Server & accessories | 84715000 | | 18 | | IDENTITY AND PATCH MANAGEMENT SERVER | EA | 2 | | | |
| 33 | Supply-Server & accessories | 84715000 | | 18 | | Hardware for Storage Area Network (SAN) Storage | EA | 2 | | | |
| 34 | Supply-Server & accessories | 84715000 | | 18 | | Data Historian Server | EA | 2 | | | |
| 35 | Supply-Server & accessories | 85176930 | | 18 | | DEVELOPMENT SERVER FOR SIMULATION, TESTING AND TRAINING | EA | 1 | | | |
| 36 | Supply-Server & accessories | 85176930 | | 18 | | Hardware for Network Attached Storage (NAS) | LOT | 1 | | | |
| 37 | Supply-Server & accessories | 85176930 | | 18 | | POWER CABLES, CONNECTORS , MCB'S , UTP CABLE, JACKS, MOUNTING CORDS,PATCH CORDS AND ALL OTHER INSTALLATION HARDWARE/SOFTWARE ANDACCESSORIES | LOT | 1 | | | |
| 38 | Supply-Server & accessories | 85176930 | | 18 | | 44U SERVER RACK/PANELS WITH IP Based KVM SWITCH & RACK MOUNTED MONITOR | LOT | 1 | | | |
| 39 | Supply-Console, Laptop | 85389000 | | 18 | | Workstation Console integrated with dual 24inch TFT Monitors along withOS & license | EA | 2 | | | |

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|----|-------------------------------|----------|--|----|--|--|-----|---|--|--|--|
| 40 | Supply-Console, Laptop | 85389000 | | 18 | | WORKSTATION CONSOLE WITH ONE 24" TFT WITH OSAND LICENSE | EA | 1 | | | |
| 41 | Supply-Console, Laptop | 85176930 | | 18 | | PROCESSOR TERMINAL -LAPTOP | EA | 1 | | | |
| 42 | Supply-WAN routers | 85176930 | | 18 | | WAN ROUTERS AT SERVER LOCATION END (MINIMUM 4X10 GBPS FIBRE OPTICPORTS, 8X1 GBPS ETHERNET PORTS, V.35, G.703 PORTS) | EA | 6 | | | |
| 43 | Supply-L-3 LAN Switch | 85176930 | | 18 | | 24 PORT L-3 LAN SWITCH FOR SERVER LOCATION (MINIMUM 8X10 GBPS FIBREOPTIC PORTS, 16X1 GBPS ETHERNET PORTS) | EA | 2 | | | |
| 44 | Supply-Firewall | 85176930 | | 18 | | INTERNAL FIREWALL WITH IDPS FOR SERVER LOCATION (MINIMUM 8X10 GBPSFIBRE OPTIC PORTS AND 8X1 GBPS) | EA | 2 | | | |
| 45 | Supply-Firewall | 85176930 | | 18 | | EXTERNAL FIREWALL (UTM) WITH IDPS FOR SERVER LOCATION (MINIMUM 8X10GBPS FIBRE OPTIC PORTS AND 8X1 GBPS ETHERNET PORTS) | EA | 2 | | | |
| 46 | Supply-printer server loc | 84433240 | | 28 | | Color Laser Printer | EA | 1 | | | |
| 47 | Supply-Furniture s server loc | 85176930 | | 18 | | U-TYPE OPERATOR MOTORIZED WORKSTATION DESK | EA | 1 | | | |
| 48 | Supply-Furniture s server loc | 85176930 | | 18 | | U-TYPE OPERATOR NORMAL WORKSTATION DESK | EA | 1 | | | |
| 49 | Supply-Furniture s server loc | 94038900 | | 28 | | Workstation Desk | EA | 1 | | | |
| 50 | Supply-Furniture s server loc | 85389000 | | 18 | | Furnitures- Chairs | LOT | 3 | | | |
| 51 | Supply-Auxillary power supply | 85044010 | | 18 | | 40 KVA (32KW AT 0.8 PF) UPS RUNNING IN PARALLEL | SET | 2 | | | |
| 52 | Supply-Auxillary power supply | 85072000 | | 28 | | VRLA TYPE BATTERY BANKS FOR ABOVE UPS (EACH BANK OF 76.8 KVAH) | LOT | 2 | | | |
| 53 | Supply-Auxillary power supply | 85371000 | | 18 | | Input ACDB (150 kVA rating) | EA | 1 | | | |
| 54 | Supply-Auxillary power supply | 85371000 | | 18 | | Output ACDB (100 kVA rating) | EA | 1 | | | |
| 55 | Supply-Auxillary power supply | 85072000 | | 28 | | ACCESSORIES FOR MAINTENANCE OF VRLA TYPE BATTERIES | LOT | 1 | | | |
| 56 | Supply-Auxillary power supply | 85044010 | | 18 | | POWER DISTRIBUTION AND CABLING WORK REQUIRED TO ESTABLISH UPS | LOT | 1 | | | |
| 57 | Supply-Auxillary power supply | 85219090 | | 18 | | UPS Monitoring System | LOT | 1 | | | |
| 58 | Supply-Auxillary | 85049090 | | 18 | | Isolation Transformer of double the UPS rating | LOT | 1 | | | |

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|----|----------------------|----------|--|----|--|--------------------------------------|----|---|-----------------------------|--|--|
| | power supply | | | | | | | | | | |
| 59 | Supply-GPS & Display | 85329000 | | 18 | | GPS Clock with antenna | EA | 1 | | | |
| 60 | Supply-GPS & Display | 85176930 | | 18 | | TIME AND SYSTEM AVAILABILITY DISPLAY | EA | 1 | | | |
| | | | | | | | | | | | |
| | | | | | | | | | Total Ex-works Price | | |
| | | | | | | | | | Total GST Tax | | |

2. Local Transportation, In-Transit insurance, loading and unloading

| Sl. No. | Activity Description | Description | Unit | Quantity | Unit Freight, In-transit Insurance, loading & unloading Charges | Total Freight, In-transit Insurance, loading & unloading Charges |
|---|----------------------------|---|------|----------|---|--|
| UNMS for ISTS & State Utility Comm NER-M | | | | | | |
| 1 | Supply-Software | NETWORK RESOURCE (DISCOVERY & INVENTORY) MANAGEMENT | LOT | 1 | | |
| 2 | Supply-Software | DESIGN, ASSIGN, ACTIVATION, PROVISIONING, & CONFIGURATION | LOT | 1 | | |
| 3 | Supply-Software | FAULT MANAGEMENT SYSTEM (ALONG WITH ROOT CAUSEANALYSIS (RCA), SERVICE IMPACT ANALYSIS (SIA), NETWORK IMPACT ANALYSIS. | LOT | 1 | | |
| 4 | Supply-Software | PERFORMANCE MANAGEMENT SYSTEM | LOT | 1 | | |
| 5 | Supply-Software | TROUBLE TICKETING SYSTEM (INCIDENT MANAGEMENT SYSTEM AND WEB PORTAL) | LOT | 1 | | |
| 6 | Supply-Software | REPORTING & DASH BOARDING SYSTEM | LOT | 1 | | |
| 7 | Supply-Software | DATABASE SOFTWARE (DB) | LOT | 1 | | |
| 8 | Supply-Software | OPERATING SYSTEM (OS) | LOT | 1 | | |
| 9 | Supply-Software | BACKUP & RESTORE SOFTWARE | LOT | 1 | | |
| 10 | Supply-Software | HOT BASED IDS FOR ALL MACHNIES | LOT | 1 | | |
| 11 | Supply-Software | SOFTWARE FOR DATA REPLICA SERVER | LOT | 1 | | |
| 12 | Supply-Software | Software for Configuration management Server cum centralised managementconsole | LOT | 1 | | |
| 13 | Supply-Software | Web Server Application Software - Web Server system | LOT | 1 | | |
| 14 | Supply-Software | Antivirus Software | LOT | 1 | | |
| 15 | Supply-Software | IDENTITY MANAGEMENT SOFTWARE ALONG WITH PATCH MANAGEMENT SOFTWARE | LOT | 1 | | |
| 16 | Supply-Software | SMS/EMAIL ESCALATION SOFTWARE LICENSE FOR ALL U-NMS MODULES | LOT | 1 | | |
| 17 | Supply-Software | SOFTWARE ADAPTERS FOR ANY MAKE/TECHNOLOGY NETWORK ELEMENT (NE) | LOT | 1 | | |
| 18 | Supply-Software | NETWORK MANAGER & ELEMENT MANAGER SYSTEM - SOFTWARE | SET | 1 | | |
| 19 | Supply-Software | INTEGRATION BUS FOR CONNECTING ALL SOFTWARE MODULES | LOT | 1 | | |
| 20 | Supply-Software | SOFTWARE FOR STORAGE AREA NETWORK (SAN) STORAGE AND NETWORK ATTACHED STORAGE (NAS) | LOT | 1 | | |
| 21 | Supply-Software | Information Storage & Retrivel System - Data Historian Software | LOT | 1 | | |
| 22 | Supply-Software | SOFTWARE FOR DEVELOPMENT SERVER FOR SIMULATION, TESTING AND TRAINING | LOT | 1 | | |
| 23 | Supply-Server & accesories | SERVERS FOR NETWORK RESOURCE (DISCOVERY & INVENTORY) MANAGEMENT | EA | 2 | | |

| Sl. No. | Activity Description | Description | Unit | Quantity | Unit Freight, In-transit Insurance, loading & unloading Charges | Total Freight, In-transit Insurance, loading & unloading Charges |
|---------|-----------------------------------|--|------|----------|---|--|
| 24 | Supply-Server & accesories | SERVERS FOR DESIGN, ASSIGN, ACTIVATION, PROVISIONING AND CONFIGURATION | EA | 2 | | |
| 25 | Supply-Server & accesories | SERVERS FOR FAULT MANAGEMENT SYSTEM | EA | 2 | | |
| 26 | Supply-Server & accesories | SERVERS FOR PERFORMANCE MANAGEMENT SYSTEM | EA | 2 | | |
| 27 | Supply-Server & accesories | SERVERS FOR TROUBLE TICKETING SYSTEM | EA | 2 | | |
| 28 | Supply-Server & accesories | SERVERS FOR REPORTING & DASH BOARDING SYSTEM | EA | 2 | | |
| 29 | Supply-Server & accesories | Web server | EA | 2 | | |
| 30 | Supply-Server & accesories | Configuration management Server cum centralised management console | EA | 2 | | |
| 31 | Supply-Server & accesories | Data Replica Server | EA | 2 | | |
| 32 | Supply-Server & accesories | ANTIVIRUS MANAGEMENT SERVER | EA | 2 | | |
| 33 | Supply-Server & accesories | IDENTITY AND PATCH MANAGEMENT SERVER | EA | 2 | | |
| 34 | Supply-Server & accesories | Hardware for Storage Area Network (SAN) Storage | EA | 2 | | |
| 35 | Supply-Server & accesories | Data Historian Server | EA | 2 | | |
| 36 | Supply-Server & accesories | DEVELOPMENT SERVER FOR SIMULATION, TESTING AND TRAINING | EA | 1 | | |
| 37 | Supply-Server & accesories | Hardware for Network Attached Storage (NAS) | LOT | 1 | | |
| 38 | Supply-Server & accesories | POWER CABLES, CONNECTORS , MCB'S , UTP CABLE, JACKS, MOUNTING CORDS,PATCH CORDS AND ALL OTHER INSTALLATION HARDWARE/SOFTWARE ANDACCESSORIES | LOT | 1 | | |
| 39 | Supply-Server & accesories | 44U SERVER RACK/PANELS WITH IP Based KVM SWITCH & RACK MOUNTED MONITOR | LOT | 1 | | |
| 40 | Supply-Server & accesories | NETWORK MANAGER & ELEMENT MANAGER SYSTEM - HARDWARE | SET | 1 | | |
| 41 | Supply-Console, Laptop & VPS | Workstation Console integrated with dual 24inch TFT Monitors along with OS & license | EA | 4 | | |
| 42 | Supply-Console, Laptop & VPS | WORKSTATION CONSOLE WITH ONE 24" TFT WITH OS AND LICENSE | EA | 3 | | |
| 43 | Supply-Console, Laptop & VPS | Remote Console wall monted 55" screen | EA | 2 | | |
| 44 | Supply-Console, Laptop & VPS | PROCESSOR TERMINAL -LAPTOP | EA | 1 | | |
| 45 | Supply-Console, Laptop & VPS | VIDEO PROJECTION UNIT HAVING CONTROLLERS INCLUDING INTERFACED,HARDWARE, SOFTWARE AND LED BASED VIDEO PROJECTION SYSTEM (EACH MODULES OF 70" (4*3)) | LOT | 1 | | |
| 46 | Supply-Console & Laptop for state | Workstation Console integrated with dual 24inch• TFT Monitors along with OS & license | EA | 14 | | |
| 47 | Supply-Console & Laptop for state | WORKSTATION CONSOLE WITH ONE 24" TFT WITH OS AND LICENSE | EA | 7 | | |
| 48 | Supply-WAN routers | WAN ROUTERS FOR STATE END (MINIMUM 4X10 GBPS FIBRE OPTIC PORTS , 4X1GBPS ETHERNET PORTS, V.35, G.703 PORTS) | EA | 14 | | |
| 49 | Supply-WAN routers | WAN ROUTERS AT SERVER LOCATION END (MINIMUM 4X10 GBPS FIBRE OPTICPORTS, 8X1 GBPS ETHERNET PORTS, V.35, G.703 PORTS) | EA | 6 | | |
| 50 | Supply- L-3 LAN Switch | 24 PORT L-3 LAN SWITCH FOR STATE END (MINIMUM 4X10 GBPS FIBRE OPTICPORTS AND 8X1 GBPS ETHERNET PORTS) | EA | 14 | | |

| Sl. No. | Activity Description | Description | Unit | Quantity | Unit Freight, In-transit Insurance, loading & unloading Charges | Total Freight, In-transit Insurance, loading & unloading Charges |
|---|-------------------------------|---|------|----------|---|--|
| 51 | Supply- L-3 LAN Switch | 24 PORT L-3 LAN SWITCH FOR SERVER LOCATION (MINIMUM 8X10 GBPS FIBRE OPTIC PORTS, 16X1 GBPS ETHERNET PORTS) | EA | 2 | | |
| 52 | Supply-Firewall | INTERNAL FIREWALL WITH IDPS FOR STATE END (MINIMUM 4X10 GBPS FIBRE OPTIC PORTS AND 4X1 GBPS ETHERNET PORTS) | EA | 14 | | |
| 53 | Supply-Firewall | EXTERNAL FIREWALL (UTM) WITH IDPS FOR STATE END (MINIMUM 4X10 GBPS FIBRE OPTIC PORTS AND 4X1 GBPS ETHERNET PORTS) | EA | 14 | | |
| 54 | Supply-Firewall | INTERNAL FIREWALL WITH IDPS FOR SERVER LOCATION (MINIMUM 8X10 GBPS FIBRE OPTIC PORTS AND 8X1 GBPS) | EA | 2 | | |
| 55 | Supply-Firewall | EXTERNAL FIREWALL (UTM) WITH IDPS FOR SERVER LOCATION (MINIMUM 8X10 GBPS FIBRE OPTIC PORTS AND 8X1 GBPS ETHERNET PORTS) | EA | 2 | | |
| 56 | Supply-printer server loc | Color Laser Printer | EA | 1 | | |
| 57 | Supply-printer-state | Color Laser Printer | EA | 7 | | |
| 58 | Supply-Furnitures server loc | U-TYPE OPERATOR MOTORIZED WORKSTATION DESK | EA | 2 | | |
| 59 | Supply-Furnitures server loc | U-TYPE OPERATOR NORMAL WORKSTATION DESK | EA | 1 | | |
| 60 | Supply-Furnitures server loc | Workstation Desk | EA | 4 | | |
| 61 | Supply-Furnitures server loc | Furnitures- Chairs | LOT | 7 | | |
| 62 | Supply-Furnitures-state | U-TYPE OPERATOR NORMAL WORKSTATION DESK | EA | 14 | | |
| 63 | Supply-Furnitures-state | Workstation Desk | EA | 7 | | |
| 64 | Supply-Furnitures-state | Furnitures- Chairs | LOT | 21 | | |
| 65 | Supply-Auxiliary power supply | 40 KVA (32KW AT 0.8 PF) UPS RUNNING IN PARALLEL | SET | 2 | | |
| 66 | Supply-Auxiliary power supply | VRLA TYPE BATTERY BANKS FOR ABOVE UPS (EACH BANK OF 76.8 KVAH) | LOT | 2 | | |
| 67 | Supply-Auxiliary power supply | Input ACDB (150 kVA rating) | EA | 1 | | |
| 68 | Supply-Auxiliary power supply | Output ACDB (100 kVA rating) | EA | 1 | | |
| 69 | Supply-Auxiliary power supply | ACCESSORIES FOR MAINTENANCE OF VRLA TYPE BATTERIES | LOT | 1 | | |
| 70 | Supply-Auxiliary power supply | POWER DISTRIBUTION AND CABLING WORK REQUIRED TO ESTABLISH UPS | LOT | 1 | | |
| 71 | Supply-Auxiliary power supply | UPS Monitoring System | LOT | 1 | | |
| 72 | Supply-Auxiliary power supply | Isolation Transformer of double the UPS rating | LOT | 1 | | |
| 73 | Supply-GPS & Display | GPS Clock with antenna | EA | 1 | | |
| 74 | Supply-GPS & Display | TIME AND SYSTEM AVAILABILITY DISPLAY | EA | 1 | | |
| 75 | Supply-Display for state | TIME AND SYSTEM AVAILABILITY DISPLAY | EA | 7 | | |
| UNMS for ISTS & State Utility Comm NER-B | | | | | | |

| Sl. No. | Activity Description | Description | Unit | Quantity | Unit Freight, In-transit Insurance, loading & unloading Charges | Total Freight, In-transit Insurance, loading & unloading Charges |
|---------|-----------------------------|--|------|----------|---|--|
| 1 | Supply-Software | NETWORK RESOURCE (DISCOVERY & INVENTORY) MANAGEMENT | LOT | 1 | | |
| 2 | Supply-Software | DESIGN, ASSIGN, ACTIVATION, PROVISIONING, & CONFIGURATION | LOT | 1 | | |
| 3 | Supply-Software | FAULT MANAGEMENT SYSTEM (ALONG WITH ROOT CAUSE ANALYSIS (RCA), SERVICE IMPACT ANALYSIS (SIA), NETWORK IMPACT ANALYSIS. | LOT | 1 | | |
| 4 | Supply-Software | PERFORMANCE MANAGEMENT SYSTEM | LOT | 1 | | |
| 5 | Supply-Software | TROUBLE TICKETING SYSTEM (INCIDENT MANAGEMENT SYSTEM AND WEB PORTAL) | LOT | 1 | | |
| 6 | Supply-Software | REPORTING & DASH BOARDING SYSTEM | LOT | 1 | | |
| 7 | Supply-Software | DATABASE SOFTWARE (DB) | LOT | 1 | | |
| 8 | Supply-Software | OPERATING SYSTEM (OS) | LOT | 1 | | |
| 9 | Supply-Software | BACKUP & RESTORE SOFTWARE | LOT | 1 | | |
| 10 | Supply-Software | HOT BASED IDS FOR ALL MACHNIES | LOT | 1 | | |
| 11 | Supply-Software | SOFTWARE FOR DATA REPLICATION SERVER | LOT | 1 | | |
| 12 | Supply-Software | Software for Configuration management Server cum centralised management console | LOT | 1 | | |
| 13 | Supply-Software | Web Server Application Software - Web Server system | LOT | 1 | | |
| 14 | Supply-Software | Antivirus Software | LOT | 1 | | |
| 15 | Supply-Software | IDENTITY MANAGEMENT SOFTWARE ALONG WITH PATCH MANAGEMENT SOFTWARE | LOT | 1 | | |
| 16 | Supply-Software | SMS/EMAIL ESCALATION SOFTWARE LICENSE FOR ALL U-NMS MODULES | LOT | 1 | | |
| 17 | Supply-Software | SOFTWARE ADAPTERS FOR ANY MAKE/TECHNOLOGY NETWORK ELEMENT (NE) | LOT | 1 | | |
| 18 | Supply-Software | INTEGRATION BUS FOR CONNECTING ALL OF ABOVE SOFTWARE MODULES | LOT | 1 | | |
| 19 | Supply-Software | SOFTWARE FOR STORAGE AREA NETWORK (SAN) STORAGE AND NETWORK ATTACHED STORAGE (NAS) | LOT | 1 | | |
| 20 | Supply-Software | Information Storage & Retrieval System - Data Historian Software | LOT | 1 | | |
| 21 | Supply-Software | SOFTWARE FOR DEVELOPMENT SERVER FOR SIMULATION, TESTING AND TRAINING | LOT | 1 | | |
| 22 | Supply-Server & accessories | SERVERS FOR NETWORK RESOURCE (DISCOVERY & INVENTORY) MANAGEMENT | EA | 2 | | |
| 23 | Supply-Server & accessories | SERVERS FOR DESIGN, ASSIGN, ACTIVATION, PROVISIONING AND CONFIGURATION | EA | 2 | | |
| 24 | Supply-Server & accessories | SERVERS FOR FAULT MANAGEMENT SYSTEM | EA | 2 | | |
| 25 | Supply-Server & accessories | SERVERS FOR PERFORMANCE MANAGEMENT SYSTEM | EA | 2 | | |
| 26 | Supply-Server & accessories | SERVERS FOR TROUBLE TICKETING SYSTEM (ITIL V3 COMPLIANT) | EA | 2 | | |
| 27 | Supply-Server & accessories | SERVERS FOR REPORTING & DASH BOARDING SYSTEM | EA | 2 | | |
| 28 | Supply-Server & accessories | Web server | EA | 2 | | |
| 29 | Supply-Server & accessories | Configuration management Server cum centralised management console | EA | 2 | | |
| 30 | Supply-Server & accessories | Data Replica Server | EA | 2 | | |
| 31 | Supply-Server & accessories | ANTIVIRUS MANAGEMENT SERVER | EA | 2 | | |
| 32 | Supply-Server & accessories | IDENTITY AND PATCH MANAGEMENT SERVER | EA | 2 | | |
| 33 | Supply-Server & accessories | Hardware for Storage Area Network (SAN) Storage | EA | 2 | | |
| 34 | Supply-Server & accessories | Data Historian Server | EA | 2 | | |

| Sl. No. | Activity Description | Description | Unit | Quantity | Unit Freight, In-transit Insurance, loading & unloading Charges | Total Freight, In-transit Insurance, loading & unloading Charges |
|---------|-------------------------------|---|------|----------|---|--|
| 35 | Supply-Server & accesories | DEVELOPMENT SERVER FOR SIMULATION, TESTING AND TRAINING | EA | 1 | | |
| 36 | Supply-Server & accesories | Hardware for Network Attached Storage (NAS) | LOT | 1 | | |
| 37 | Supply-Server & accesories | POWER CABLES, CONNECTORS , MCB'S , UTP CABLE, JACKS, MOUNTING CORDS,PATCH CORDS AND ALL OTHER INSTALLATION HARDWARE/SOFTWARE ANDACCESSORIES | LOT | 1 | | |
| 38 | Supply-Server & accesories | 44U SERVER RACK/PANELS WITH IP Based KVM SWITCH & RACK MOUNTED MONITOR | LOT | 1 | | |
| 39 | Supply-Console, Laptop | Workstation Console integrated with dual 24inch TFT Monitors along withOS & license | EA | 2 | | |
| 40 | Supply-Console, Laptop | WORKSTATION CONSOLE WITH ONE 24" TFT WITH OSAND LICENSE | EA | 1 | | |
| 41 | Supply-Console, Laptop | PROCESSOR TERMINAL -LAPTOP | EA | 1 | | |
| 42 | Supply-WAN routers | WAN ROUTERS AT SERVER LOCATION END (MINIMUM 4X10 GBPS FIBRE OPTICPORTS, 8X1 GBPS ETHERNET PORTS, V.35, G.703 PORTS) | EA | 6 | | |
| 43 | Supply- L-3 LAN Switch | 24 PORT L-3 LAN SWITCH FOR SERVER LOCATION (MINIMUM 8X10 GBPS FIBREOPTIC PORTS, 16X1 GBPS ETHERNET PORTS) | EA | 2 | | |
| 44 | Supply-Firewall | INTERNAL FIREWALL WITH IDPS FOR SERVER LOCATION (MINIMUM 8X10 GBPSFIBRE OPTIC PORTS AND 8X1 GBPS) | EA | 2 | | |
| 45 | Supply-Firewall | EXTERNAL FIREWALL (UTM) WITH IDPS FOR SERVER LOCATION (MINIMUM 8X10GBPS FIBRE OPTIC PORTS AND 8X1 GBPS ETHERNET PORTS) | EA | 2 | | |
| 46 | Supply-printer server loc | Color Laser Printer | EA | 1 | | |
| 47 | Supply-Furnitures server loc | U-TYPE OPERATOR MOTORIZED WORKSTATION DESK | EA | 1 | | |
| 48 | Supply-Furnitures server loc | U-TYPE OPERATOR NORMAL WORKSTATION DESK | EA | 1 | | |
| 49 | Supply-Furnitures server loc | Workstation Desk | EA | 1 | | |
| 50 | Supply-Furnitures server loc | Furnitures- Chairs | LOT | 3 | | |
| 51 | Supply-Auxillary power supply | 40 KVA (32KW AT 0.8 PF) UPS RUNNING IN PARALLEL | SET | 2 | | |
| 52 | Supply-Auxillary power supply | VRLA TYPE BATTERY BANKS FOR ABOVE UPS (EACH BANK OF 76.8 KVAH) | LOT | 2 | | |
| 53 | Supply-Auxillary power supply | Input ACDB (150 kVA rating) | EA | 1 | | |
| 54 | Supply-Auxillary power supply | Output ACDB (100 kVA rating) | EA | 1 | | |
| 55 | Supply-Auxillary power supply | ACCESSORIES FOR MAINTENANCE OF VRLA TYPE BATTERIES | LOT | 1 | | |
| 56 | Supply-Auxillary power supply | POWER DISTRIBUTION AND CABLING WORK REQUIRED TO ESTABLISH UPS | LOT | 1 | | |
| 57 | Supply-Auxillary power supply | UPS Monitoring System | LOT | 1 | | |
| 58 | Supply-Auxillary power supply | Isolation Transformer of double the UPS rating | LOT | 1 | | |
| 59 | Supply-GPS & Display | GPS Clock with antenna | EA | 1 | | |
| 60 | Supply-GPS & Display | TIME AND SYSTEM AVAILABILITY DISPLAY | EA | 1 | | |

| Sl. No. | Activity Description | Description | Unit | Quantity | Unit Freight, In-transit Insurance, loading & unloading Charges | Total Freight, In-transit Insurance, loading & unloading Charges |
|-----------------|----------------------|-------------|------|----------|---|--|
| | | | | | | |
| Total F&I Price | | | | | | |

3. Installation Charges

| Sl. No. | Activity Description | SAC (Service Accounting Codes) | Whether SAC is confirmed. If not indicate applicable SAC | Rate of GST applicable (in %) | Whether rate of GST is confirmed. If not indicate applicable rate of GST | Description | Unit | Quantity | Unit Erection Charges | Total Erection Charges | Total GST charges |
|--|----------------------|--------------------------------|--|-------------------------------|--|--|------|----------|-----------------------|------------------------|-------------------|
| UNMS for ISTS & State Utility Comm NER-M | | | | | | | | | | | |
| 1 | Service-Software | 998336 | | 18 | | NETWORK RESOURCE (DISCOVERY & INVENTORY) MANAGEMENT | LOT | 1 | | | |
| 2 | Service-Software | 998336 | | 18 | | DESIGN, ASSIGN, ACTIVATION, PROVISIONING, & CONFIGURATION | LOT | 1 | | | |
| 3 | Service-Software | 998336 | | 18 | | FAULT MANAGEMENT SYSTEM (ALONG WITH ROOT CAUSE ANALYSIS (RCA), SERVICE IMPACT ANALYSIS (SIA), NETWORK IMPACT ANALYSIS. | LOT | 1 | | | |
| 4 | Service-Software | 998336 | | 18 | | PERFORMANCE MANAGEMENT SYSTEM | LOT | 1 | | | |
| 5 | Service-Software | 998336 | | 18 | | Trouble Ticketing System (Incident Management System and Web Portal) | LOT | 1 | | | |
| 6 | Service-Software | 998336 | | 18 | | Reporting & Dash Boarding System | LOT | 1 | | | |
| 7 | Service-Software | 998734 | | 18 | | DATABASE SOFTWARE (DB) | LOT | 1 | | | |
| 8 | Service-Software | 998734 | | 18 | | OPERATING SYSTEM (OS) | LOT | 1 | | | |
| 9 | Service-Software | 998734 | | 18 | | BACKUP & RESTORE SOFTWARE | LOT | 1 | | | |
| 10 | Service-Software | 998734 | | 18 | | Hot Based IDS for all machines | LOT | 1 | | | |
| 11 | Service-Software | 998734 | | 18 | | Software for Data Replica Server | LOT | 1 | | | |
| 12 | Service-Software | 998734 | | 18 | | Software for Configuration management Server cum centralised management console | LOT | 1 | | | |
| 13 | Service-Software | 998734 | | 18 | | Software for Web Server | LOT | 1 | | | |
| 14 | Service-Software | 998734 | | 18 | | Antivirus Server Software | LOT | 1 | | | |

| Sl. No. | Activity Description | SAC (Service Accounting Codes) | Whether SAC is confirmed. If not indicate applicable SAC | Rate of GST applicable (in %) | Whether rate of GST is confirmed. If not indicate applicable rate of GST | | Description | Unit | Quantity | Unit Erection Charge | Total Erection Charge | Total GST charges |
|---------|------------------------------|--------------------------------|--|-------------------------------|--|--|--|------|----------|----------------------|-----------------------|-------------------|
| 15 | Service-Software | 998734 | | 18 | | | Identity Management Software along with patch management software | LOT | 1 | | | |
| 16 | Service-Software | 998734 | | 18 | | | SMS/Email Escalation Software License for all U-NMS Modules | LOT | 1 | | | |
| 17 | Service-Software | 998734 | | 18 | | | SOFTWARE ADAPTERS FOR ANY MAKE/TECHNOLOGY NETWORK ELEMENT (NE) | LOT | 1 | | | |
| 18 | Service-Software | 998734 | | 18 | | | Network Manager & Element Manager System - Software | SET | 1 | | | |
| 19 | Service-Software | 998734 | | 18 | | | Integration Bus for connecting all of above software Modules | LOT | 1 | | | |
| 20 | Service-Software | 998336 | | 18 | | | SOFTWARE FOR STORAGE AREA NETWORK (SAN) STORAGE AND NETWORK ATTACHED STORAGE (NAS) | LOT | 1 | | | |
| 21 | Service-Software | 998336 | | 18 | | | Software for Development server for simulation, testing and training | LOT | 1 | | | |
| 22 | Service-Software | 998734 | | 18 | | | Information Storage & Retrieval System - Data Historian Software | LOT | 1 | | | |
| 23 | Service-Server & accessories | 998734 | | 18 | | | Installation of Servers for Network Resource (Discovery & Inventory) Management | EA | 2 | | | |
| 24 | Service-Server & accessories | 998734 | | 18 | | | Installation of Servers for DESIGN, ASSIGN, ACTIVATION, PROVISIONING AND CONFIGURATION | EA | 2 | | | |
| 25 | Service-Server & accessories | 998734 | | 18 | | | Installation of Servers for Fault Management System | EA | 2 | | | |
| 26 | Service-Server & accessories | 998734 | | 18 | | | Installation of Servers for Performance Management System | EA | 2 | | | |
| 27 | Service-Server & accessories | 998734 | | 18 | | | Installation of Servers for Trouble Ticketing System | EA | 2 | | | |
| 28 | Service-Server & accessories | 998734 | | 18 | | | Installation of Servers for Reporting & Dashboarding System | EA | 2 | | | |

| Sl. No . | Activity Description | SAC (Service Accounting Codes) | Whether SAC is confirmed. If not indicate applicable SAC | Rate of GST applicable (in %) | Whether rate of GST is confirmed. If not indicate applicable rate of GST | | Description | Unit | Quantity | Unit Erection Charge s | Total Erection Charge s | Total GST charge s |
|----------|-------------------------------|--------------------------------|--|--------------------------------|--|--|---|------|----------|------------------------|-------------------------|--------------------|
| 29 | Service-Server & accessories | 998734 | | 18 | | | Installation of Web Server | EA | 2 | | | |
| 30 | Service-Server & accessories | 998734 | | 18 | | | Installation of Configuration management Server cum centralised management console | EA | 2 | | | |
| 31 | Service-Server & accessories | 998734 | | 18 | | | Installation of Data Replica Server | EA | 2 | | | |
| 32 | Service-Server & accessories | 998734 | | 18 | | | Installation of Antivirus Management Server | EA | 2 | | | |
| 33 | Service-Server & accessories | 998734 | | 18 | | | Installation of Identity and Patch Management Server | EA | 2 | | | |
| 34 | Service-Server & accessories | 998734 | | 18 | | | Installation of Storage Area Network (SAN) Storage | EA | 2 | | | |
| 35 | Service-Server & accessories | 998734 | | 18 | | | Installation of Historian Server with Auxiliary Memory . | LOT | 2 | | | |
| 36 | Service-Server & accessories | 998336 | | 18 | | | Installation of Development server for simulation, testing and training | EA | 1 | | | |
| 37 | Service-Server & accessories | 998734 | | 18 | | | Installation of Network Attached Storage (NAS) | LOT | 1 | | | |
| 38 | Service-Server & accessories | 998734 | | 18 | | | Power Cables, Connectors , MCB's , UTP Cable, Jacks, Mounting cords, Patch Cords and all other installation Hardware/Software and Accessories | LOT | 1 | | | |
| 39 | Service-Server & accessories | 998734 | | 18 | | | Installation of 44U SERVER RACK/PANELS WITH IP Based KVM SWITCH & RACK MOUNTED MONITOR | LOT | 1 | | | |
| 40 | Service-Server & accessories | 998734 | | 18 | | | Installation of Network Manager & Element Manager System - Hardware | SET | 1 | | | |
| 41 | Service-Console, Laptop & VPS | 998734 | | 18 | | | Installation of Workstation Console integrated with dual 24"Monitors along with operating system and license . | EA | 4 | | | |

| Sl. No. | Activity Description | SAC (Service Accounting Codes) | Whether SAC is confirmed. If not indicate applicable SAC | Rate of GST applicable (in %) | Whether rate of GST is confirmed. If not indicate applicable rate of GST | | Description | Unit | Quantity | Unit Erection Charges | Total Erection Charges | Total GST charges |
|---------|-------------------------------|--------------------------------|--|-------------------------------|--|--|---|------|----------|-----------------------|------------------------|-------------------|
| 42 | Service-Console, Laptop & VPS | 998734 | | 18 | | | Installation of Workstation Console integrated with single 24" Monitor along with operating system and license . | EA | 3 | | | |
| 43 | Service-Console, Laptop & VPS | 998734 | | 18 | | | Installation of Remote Console wall mounted 55" screen | EA | 2 | | | |
| 44 | Service-Console, Laptop & VPS | 998336 | | 18 | | | Installation of Processor Terminal -Laptop | EA | 1 | | | |
| 45 | Service-Console, Laptop & VPS | 998734 | | 18 | | | Installation of Video projection unit having controllers including interfaced, hardware & software, LED based Video ProjectionSystem (Having configurations with each modules of 70" (4*3)) | LOT | 1 | | | |
| 46 | service-console-state | 998734 | | 18 | | | Workstation Console integrated with dual 24" Monitors along with operating system and license . | EA | 14 | | | |
| 47 | service-console-state | 998734 | | 18 | | | Workstation Console integrated with single 24" Monitor along with operating system and license . | EA | 7 | | | |
| 48 | Service-WAN Routers | 998336 | | 18 | | | Installation of WAN Routers for state end (Minimum 4x10 Gbps Fibre Optic Ports , 4x1 Gbps Ethernet Ports, V.35, G.703 ports) | EA | 14 | | | |
| 49 | Service-WAN Routers | 998336 | | 18 | | | Installation of WAN Routers at server location end (Minimum 4x10 Gbps Fibre Optic Ports, 8x1 Gbps Ethernet Ports, V.35, G.703ports) | EA | 6 | | | |
| 50 | Service-L-3 LAN Switch | 998336 | | 18 | | | Installation of 24 Port L-3 LAN SWITCH for state end (Minimum 4x10 Gbps Fibre Optic Ports and 8x1 Gbps Ethernet Ports) | EA | 14 | | | |
| 51 | Service-L-3 LAN Switch | 998336 | | 18 | | | Installation of 24 PORT L-3 LAN SWITCH for server location (Minimum 8x10 Gbps Fibre | EA | 2 | | | |

| Sl. No. | Activity Description | SAC (Service Accounting Codes) | Whether SAC is confirmed. If not indicate applicable SAC | Rate of GST applicable (in %) | Whether rate of GST is confirmed. If not indicate applicable rate of GST | Description | Unit | Quantity | Unit Erection Charges | Total Erection Charges | Total GST charges |
|---------|-----------------------------------|--------------------------------|--|-------------------------------|--|--|------|----------|-----------------------|------------------------|-------------------|
| | | | | | | Optic Ports, 16x1 Gbps Ethernet Ports) | | | | | |
| 52 | Service-Firewall | 998336 | | 18 | | Installation of Internal FIREWALL with IDPS for state end (Minimum 4x10 Gbps Fibre Optic Ports and 4x1 Gbps Ethernet ports) | EA | 14 | | | |
| 53 | Service-Firewall | 998336 | | 18 | | Installation of External firewall (UTM) with IDPS for state end (Minimum 4x10 Gbps Fibre Optic Ports and 4x1 Gbps Ethernet ports) | EA | 14 | | | |
| 54 | Service-Firewall | 998336 | | 18 | | Installation of Internal FIREWALL with IDPS for server location (Minimum 8x10 Gbps Fibre Optic Ports and 8x1 Gbps) | EA | 2 | | | |
| 55 | Service-Firewall | 998336 | | 18 | | Installation of External firewall (UTM) with IDPS for server location (Minimum 8x10 Gbps Fibre Optic Ports and 8x1 Gbps Ethernetports) | EA | 2 | | | |
| 56 | Service-Printer-Server location | 998734 | | 18 | | Installation of Color Laser Printer | EA | 1 | | | |
| 57 | Service-Printer-State | 998734 | | 18 | | Installation of Color Laser Printer | EA | 7 | | | |
| 58 | Service-Furniture-Server location | 998336 | | 18 | | Installation of U-type operator workstation desk motorized | EA | 2 | | | |
| 59 | Service-Furniture-Server location | 998336 | | 18 | | Installation of U-type operator workstaion desk normal | EA | 1 | | | |
| 60 | Service-Furniture-Server location | 998734 | | 18 | | Installation of Workstation Desks . | EA | 4 | | | |
| 61 | Service-Furniture-Server location | 998734 | | 18 | | Installation of Furnitures- Chairs | EA | 7 | | | |
| 62 | Service-Furniture-State | 998336 | | 18 | | Installation of U-type operator workstaion desk normal | EA | 14 | | | |
| 63 | Service-Furniture-State | 998734 | | 18 | | Installation of Workstation Desks . | EA | 7 | | | |
| 64 | Service-Furniture-State | 998734 | | 18 | | Installation of Furnitures- Chairs | EA | 21 | | | |

| Sl. No. | Activity Description | SAC (Service Accounting Codes) | Whether SAC is confirmed. If not indicate applicable SAC | Rate of GST applicable (in %) | Whether rate of GST is confirmed. If not indicate applicable rate of GST | | Description | Unit | Quantity | Unit Erection Charges | Total Erection Charges | Total GST charges |
|---|--|--------------------------------|--|-------------------------------|--|--|---|------|----------|-----------------------|------------------------|-------------------|
| 65 | Service-Auxiliary power supply | 998734 | | 18 | | | Installation of 40 kVA (32kW at 0.8 pf) UPS running in parallel | EA | 2 | | | |
| 66 | Service-Auxiliary power supply | 998734 | | 18 | | | Installation of VRLA type Battery banks for above UPS (each bank of 76.8 kVAH) | LOT | 2 | | | |
| 67 | Service-Auxiliary power supply | 998734 | | 18 | | | Installation of Input ACDB (150kVA rating) | EA | 1 | | | |
| 68 | Service-Auxiliary power supply | 998734 | | 18 | | | Installation of Output ACDB (100kVA rating) | EA | 1 | | | |
| 69 | Service-Auxiliary power supply | 998734 | | 18 | | | Installation of Accessories for maintenance of VRLA type batteries | LOT | 1 | | | |
| 70 | Service-Auxiliary power supply | 998734 | | 18 | | | Installation of Power Distribution and cabling work required to establish UPS | LOT | 1 | | | |
| 71 | Service-Auxiliary power supply | 998734 | | 18 | | | Installation of UPS Monitoring System | LOT | 1 | | | |
| 72 | Service-Auxiliary power supply | 998336 | | 18 | | | Installation of isolation transformers for UPS | LOT | 1 | | | |
| 73 | Service-GPS & Display | 998734 | | 18 | | | Installation of Synchronization Equipment -GPS clock including all hardware & accessories | SET | 1 | | | |
| 74 | Service-GPS & Display | 998336 | | 18 | | | Installation of Time and System availability display | EA | 1 | | | |
| 75 | Service-Display for state | 998336 | | 18 | | | Installation of Time and System availability display | EA | 7 | | | |
| 76 | Service (Integration including supply) | 998734 | | 18 | | | Integration with Network/NMS | EA | 26 | | | |
| 77 | Service (Integration including supply) | 998734 | | 18 | | | Integration with Network Elements | EA | 35 | | | |
| 78 | Service (Integration including supply) | 998734 | | 18 | | | Integration with UNMS | LOT | 1 | | | |
| UNMS for ISTS & State Utility Comm NER-B | | | | | | | | | | | | |
| 1 | Service-Software | 998336 | | 18 | | | NETWORK RESOURCE (DISCOVERY & INVENTORY) MANAGEMENT | LOT | 1 | | | |
| 2 | Service-Software | 998336 | | 18 | | | DESIGN, ASSIGN, ACTIVATION, | LOT | 1 | | | |

| Sl. No. | Activity Description | SAC (Service Accounting Codes) | Whether SAC is confirmed. If not indicate applicable SAC | Rate of GST applicable (in %) | Whether rate of GST is confirmed. If not indicate applicable rate of GST | Description | Unit | Quantity | Unit Erection Charges | Total Erection Charges | Total GST charges |
|---------|----------------------|--------------------------------|--|-------------------------------|--|--|------|----------|-----------------------|------------------------|-------------------|
| | | | | | | PROVISIONING, & CONFIGURATION | | | | | |
| 3 | Service-Software | 998336 | | 18 | | FAULT MANAGEMENT SYSTEM (ALONG WITH ROOT CAUSE ANALYSIS (RCA), SERVICE IMPACT ANALYSIS (SIA), NETWORK IMPACT ANALYSIS. | LOT | 1 | | | |
| 4 | Service-Software | 998336 | | 18 | | PERFORMANCE MANAGEMENT SYSTEM | LOT | 1 | | | |
| 5 | Service-Software | 998336 | | 18 | | Trouble Ticketing System (Incident Management System and Web Portal) | LOT | 1 | | | |
| 6 | Service-Software | 998336 | | 18 | | Reporting & Dash Boarding System | LOT | 1 | | | |
| 7 | Service-Software | 998734 | | 18 | | DATABASE SOFTWARE (DB) | LOT | 1 | | | |
| 8 | Service-Software | 998734 | | 18 | | OPERATING SYSTEM (OS) | LOT | 1 | | | |
| 9 | Service-Software | 998734 | | 18 | | BACKUP & RESTORE SOFTWARE | LOT | 1 | | | |
| 10 | Service-Software | 998734 | | 18 | | Hot Based IDS for all machines | LOT | 1 | | | |
| 11 | Service-Software | 998734 | | 18 | | Software for Data Replica Server | LOT | 1 | | | |
| 12 | Service-Software | 998734 | | 18 | | Software for Configuration management Server cum centralised management console | LOT | 1 | | | |
| 13 | Service-Software | 998734 | | 18 | | Software for Web Server | LOT | 1 | | | |
| 14 | Service-Software | 998734 | | 18 | | Antivirus Server Software | LOT | 1 | | | |
| 15 | Service-Software | 998734 | | 18 | | Identity Management Software along with patch management software | LOT | 1 | | | |
| 16 | Service-Software | 998734 | | 18 | | SMS/Email Escalation Software License for all U-NMS Modules | LOT | 1 | | | |
| 17 | Service-Software | 998734 | | 18 | | SOFTWARE ADAPTERS FOR ANY MAKE/TECHNOLOGY NETWORK ELEMENT (NE) | LOT | 1 | | | |
| 18 | Service-Software | 998734 | | 18 | | Integration Bus for connecting all of above software Modules | LOT | 1 | | | |
| 19 | Service-Software | 998336 | | 18 | | Software for storage Area Network (SAN) Storage and Network Attached Storage (NAS) | LOT | 1 | | | |

| Sl. No . | Activity Description | SAC (Service Accounting Codes) | Whether SAC is confirmed. If not indicate applicable SAC | Rate of GST applicable (in %) | Whether rate of GST is confirmed. If not indicate applicable rate of GST | | Description | Unit | Quantity | Unit Erection Charge s | Total Erection Charge s | Total GST charge s |
|----------|------------------------------|--------------------------------|--|--------------------------------|--|--|--|------|----------|------------------------|-------------------------|--------------------|
| 20 | Service-Software | 998734 | | 18 | | | Information Storage & Retrivel System - Data Historian Software | LOT | 1 | | | |
| 21 | Service-Software | 998336 | | 18 | | | Software for Development server for simulation, testing and training | LOT | 1 | | | |
| 22 | Service-Server & accesorries | 998734 | | 18 | | | Installation of Servers for Network Resource (Discovery & Inventory) Management | EA | 2 | | | |
| 23 | Service-Server & accesorries | 998734 | | 18 | | | Installation of Servers for DESIGN, ASSIGN, ACTIVATION, PROVISIONING AND CONFIGURATION | EA | 2 | | | |
| 24 | Service-Server & accesorries | 998734 | | 18 | | | Installation of Servers for Fault Management System | EA | 2 | | | |
| 25 | Service-Server & accesorries | 998734 | | 18 | | | Installation of Servers for Performance Management System | EA | 2 | | | |
| 26 | Service-Server & accesorries | 998734 | | 18 | | | Installation of Servers for Trouble Ticketing System | EA | 2 | | | |
| 27 | Service-Server & accesorries | 998734 | | 18 | | | Installation of Servers for Reporting & Dash Boarding System | EA | 2 | | | |
| 28 | Service-Server & accesorries | 998734 | | 18 | | | Installation of Web Server | EA | 2 | | | |
| 29 | Service-Server & accesorries | 998734 | | 18 | | | Installation of Configuration management Server cum centralised management console | EA | 2 | | | |
| 30 | Service-Server & accesorries | 998734 | | 18 | | | Installation of Data Replica Server | EA | 2 | | | |
| 31 | Service-Server & accesorries | 998734 | | 18 | | | Installation of Antivirus Management Server | EA | 2 | | | |
| 32 | Service-Server & accesorries | 998734 | | 18 | | | Installation of Identity and Patch Management Server | EA | 2 | | | |
| 33 | Service-Server & accesorries | 998734 | | 18 | | | Installation of Storage Area Network (SAN) Storage | EA | 2 | | | |
| 34 | Service-Server & accesorries | 998734 | | 18 | | | Installation of Historian Server with Auxiliary Memory . | LOT | 2 | | | |

| Sl. No . | Activity Description | SAC (Service Accounting Codes) | Whether SAC is confirmed. If not indicate applicable SAC | Rate of GST applicable (in %) | Whether rate of GST is confirmed. If not indicate applicable rate of GST | | Description | Unit | Quantity | Unit Erection Charge s | Total Erection Charge s | Total GST charge s |
|----------|------------------------------|--------------------------------|--|--------------------------------|--|--|--|------|----------|------------------------|-------------------------|--------------------|
| 35 | Service-Server & accessories | 998336 | | 18 | | | Installation of Development server for simulation, testing and training | EA | 1 | | | |
| 36 | Service-Server & accessories | 998734 | | 18 | | | Installation of Network Attached Storage (NAS) | LOT | 1 | | | |
| 37 | Service-Server & accessories | 998734 | | 18 | | | Power Cables, Connectors , MCB's , UTP Cable, Jacks, Mounting cords, Patch Cords and all other installation Hardware/Software and Accessories required | LOT | 1 | | | |
| 38 | Service-Server & accessories | 998734 | | 18 | | | Installation of 44U SERVER RACK/PANELS WITH IP Based KVM SWITCH & RACK MOUNTED MONITOR | LOT | 1 | | | |
| 39 | Service-Console, Laptop | 998734 | | 18 | | | Installation of Workstation Console integrated with dual 24"Monitors along withoperating system and license . | EA | 2 | | | |
| 40 | Service-Console, Laptop | 998734 | | 18 | | | Installation of Workstation Console integrated with single 24"Monitor along withoperating system and license . | EA | 1 | | | |
| 41 | Service-Console, Laptop | 998336 | | 18 | | | Installation of Processor Terminal -Laptop | EA | 1 | | | |
| 42 | Service-WAN Routers | 998336 | | 18 | | | Installation of WAN Routers at server location end (Minimum 4x10 Gbps Fibre Optic Ports, 8x1 Gbps Ethernet Ports, V.35, G.703ports) | EA | 6 | | | |
| 43 | Service-L-3 LAN Switch | 998336 | | 18 | | | Installation of 24 PORT L-3 LAN SWITCH for server location (Minimum 8x10 Gbps Fibre Optic Ports, 16x1 Gbps Ethernet Ports) | EA | 2 | | | |
| 44 | Service-Firewall | 998336 | | 18 | | | Installation of Internal FIREWALL with IDPS for server location (Minimum 8x10 Gbps Fibre Optic Ports and 8x1 Gbps) | EA | 2 | | | |

| Sl. No . | Activity Description | SAC (Service Accounting Codes) | Whether SAC is confirmed. If not indicate applicable SAC | Rate of GST applicable (in %) | Whether rate of GST is confirmed. If not indicate applicable rate of GST | | Description | Unit | Quantity | Unit Erection Charges | Total Erection Charges | Total GST charges |
|----------|-----------------------------------|--------------------------------|--|--------------------------------|--|--|--|------|----------|-----------------------|------------------------|-------------------|
| 45 | Service-Firewall | 998336 | | 18 | | | Installation of External firewall (UTM) with IDPS for server location (Minimum 8x10 Gbps Fibre Optic Ports and 8x1 Gbps Ethernetports) | EA | 2 | | | |
| 46 | Service-Printer-Server location | 998734 | | 18 | | | Installation of Color Laser Printer | EA | 1 | | | |
| 47 | Service-Furniture-Server location | 998336 | | 18 | | | Installation of U-type operator workstation desk motorized | EA | 1 | | | |
| 48 | Service-Furniture-Server location | 998336 | | 18 | | | Installation of U-type operator workstation desk normal | EA | 1 | | | |
| 49 | Service-Furniture-Server location | 998734 | | 18 | | | Installation of Workstation Desks | EA | 1 | | | |
| 50 | Service-Furniture-Server location | 998734 | | 18 | | | Installation of Furnitures- Chairs | EA | 3 | | | |
| 51 | Service-Auxillary power supply | 998734 | | 18 | | | Installation of 40 kVA (32kW at 0.8 pf) UPS running in parallel | EA | 2 | | | |
| 52 | Service-Auxillary power supply | 998734 | | 18 | | | Installation of VRLA type Battery banks for above UPS (each bank of 76.8 kVAH) | LOT | 2 | | | |
| 53 | Service-Auxillary power supply | 998734 | | 18 | | | Installation of Input ACDB (150kVA rating) | EA | 1 | | | |
| 54 | Service-Auxillary power supply | 998734 | | 18 | | | Installation of Output ACDB (100kVA rating) | EA | 1 | | | |
| 55 | Service-Auxillary power supply | 998734 | | 18 | | | Accessories for maintenance of VRLA type batteries | LOT | 1 | | | |
| 56 | Service-Auxillary power supply | 998734 | | 18 | | | Installation of Power Distribution and cabling work required to establish UPS | LOT | 1 | | | |
| 57 | Service-Auxillary power supply | 998734 | | 18 | | | Installation of UPS Monitoring System | LOT | 1 | | | |
| 58 | Service-Auxillary power supply | 998336 | | 18 | | | Installation of isolation transformers for UPS | LOT | 1 | | | |
| 59 | Service-GPS & Display | 998734 | | 18 | | | Installation of Synchronization Equipment -GPS clock including all hardware & accessories | SET | 1 | | | |
| 60 | Service-GPS & Display | 998336 | | 18 | | | Installation of Time and System availability display | EA | 1 | | | |

| Sl. No. | Activity Description | SAC (Service Accounting Codes) | Whether SAC is confirmed. If not indicate applicable SAC | Rate of GST applicable (in %) | Whether rate of GST is confirmed. If not indicate applicable rate of GST | Description | Unit | Quantity | Unit Erection Charges | Total Erection Charges | Total GST charges |
|----------------------------|--|--------------------------------|--|-------------------------------|--|-----------------------------------|------|----------|-----------------------|------------------------|-------------------|
| 61 | Service (Integration including supply) | 998734 | | 18 | | Integration with Network/NMS | EA | 26 | | | |
| 62 | Service (Integration including supply) | 998734 | | 18 | | Integration with Network Elements | EA | 35 | | | |
| 63 | Service (Integration including supply) | 998734 | | 18 | | Integration with UNMS | LOT | 1 | | | |
| | | | | | | | | | | | |
| Total Installation Charges | | | | | | | | | | | |
| Total GST Charges | | | | | | | | | | | |

4. Training Charges

| Sl. No. | Activity Description | SAC (Service Accounting Codes) | Whether SAC is confirmed. If not indicate applicable SAC | Whether rate of GST is confirmed. If not indicate applicable rate of GST | Rate of GST applicable (in %) | Description | Unit | Quantity | Unit Training Charges excluding GST | Total Training Charges excluding GST | Total GST Charges |
|--|----------------------|--------------------------------|--|--|-------------------------------|--|------|----------|-------------------------------------|--------------------------------------|-------------------|
| UNMS for ISTS & State Utility Comm NER-M | | | | | | | | | | | |
| 1 | Training | 100008365 | 998399 | | 18% | Training-Computer System Hardware | LOT | 1 | | | |
| 2 | Training | 100008366 | 998399 | | 18% | Training-Service Fulfilment System | LOT | 1 | | | |
| 3 | Training | 100008367 | 998399 | | 18% | Training Service Assurance System | LOT | 1 | | | |
| 4 | Training | 100008368 | 998399 | | 18% | Training Reporting & Dash Boarding System, Incident Management System and Web Portal | LOT | 1 | | | |
| | | | | | | | | | | | |
| Total Training Charges | | | | | | | | | | | |
| Total GST as confirmed by Bidder | | | | | | | | | | | |

5. Maintenance Charges during & after Defect Liability Period

| Sl. No. | Activity Description | SAC (Service Accounting Codes) | Whether SAC is confirmed. If not indicate applicable SAC | Rate of GST applicable (in %) | Whether rate of GST is confirmed. If not indicate applicable rate of GST | Description | Unit | Quantity | Unit Maintenance Charges excluding GST | Total Maintenance Charges excluding GST | Total GST Charges |
|---|----------------------|--------------------------------|--|-------------------------------|--|--|------|----------|--|---|-------------------|
| UNMS for ISTS & State Utility Comm NER-M | | | | | | | | | | | |
| 1 | AMC of UNMS NER-M | 998716 | | 18% | | Annual Maintenance Contract of U-NMS including Operation & Maintenance Support - (Hardware & Software) during 1 Year Warranty Period-State Utility at Remote Workstation Locations | LOT | 7 | | | |
| 2 | AMC of UNMS NER-M | 998716 | | 18% | | Annual Maintenance Contract of U-NMS including Operation & Maintenance Support - (Hardware & Software) for 6 years after expiry ofWarranty Period-State Utility at Remote Workstation Locations | LOT | 7 | | | |
| 3 | AMC of UNMS NER-M | 998716 | | 18% | | Annual Maintenance Contract of U-NMS including Operation & Maintenance Support - (Hardware & Software) for 6 years after expiry ofWarranty Period at Server Location | LOT | 1 | | | |
| 4 | AMC of UNMS NER-M | 998716 | | 18% | | Yearly Cyber Security Audit(As per prevailing DOT (CERT-IN) guidelines as applicable) during AMC | LOT | 1 | | | |
| 5 | AMC of UNMS NER-M | 998716 | | 18% | | Annual Maintenance Contract of U-NMS including Operation & Maintenance Support - (Hardware & Software) during 1 Year Warranty Periodat Server Location | LOT | 1 | | | |
| UNMS for ISTS & State Utility Comm NER-B | | | | | | | | | | | |
| 1 | AMC of UNMS NER-B | 998716 | | 18% | | Annual Maintenance Contract of U-NMS including Operation & Maintenance Support - (Hardware & Software) for 6 years after expiry ofWarranty Period at Server Location | LOT | 1 | | | |
| 2 | AMC of UNMS NER-B | 998716 | | 18% | | Annual Maintenance Contract of U-NMS including Operation & Maintenance Support - (Hardware & Software) during 1 Year Warranty Periodat Server Location | LOT | 1 | | | |
| 3 | AMC of UNMS NER-B | 998716 | | 18% | | Yearly Cyber Security Audit(As per prevailing DOT (CERT-IN) guidelines | LOT | 1 | | | |

| Sl. No. | Activity Description | SAC (Service Accounting Codes) | Whether SAC is confirmed. If not indicate applicable SAC | Rate of GST applicable (in %) | Whether rate of GST is confirmed. If not indicate applicable rate of GST | Description | Unit | Quantity | Unit Maintenance Charges excluding GST | Total Maintenance Charges excluding GST | Total GST Charges |
|---------|----------------------|--------------------------------|--|--|--|---------------------------|------|----------|--|---|-------------------|
| | | | | | | as applicable) during AMC | | | | | |
| | | | | Total Maintenance Charges during and after Defect Liability Period | | | | | | | |
| | | | | Total GST as confirmed by Bidder | | | | | | | |