



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

**Expression of Interest for Selection of Partner from Empaneled Business Associate for
EXCLUSIVE PRE-BID TEAMING ARRANGEMENT**

For

**Digitalization of OBCBK Ashram Schools for
“Maintaining Quality and Continuity in Education”**

EOI No: RailTel/WR/MUM/VJNT/EOI/2021-22 dated 03rd March 2022

**Western Railway Microwave Complex, Senapati Bapat Marg, Mahalaxmi,
Mumbai-400013**

EOI NOTICE

RailTel Corporation of India Limited, Western Railway Microwave Complex, Senapati Bapat Marg, Mahalaxmi, Mumbai-400013

EOI Notice No: RailTel/WR/MUM/VJNT/EOI/2021-22 dated 03rd March 2022

RailTel Corporation of India Ltd., (here after referred to as “RailTel”) invites EOIs from RailTel's Empaneled Partners for the selection of suitable partner as Exclusive pre bid teaming arrangement for **Digitalization of OBCBK Ashram Schools for “Maintaining Quality and Continuity in Education”**.

The details are as under:

1	Last date for submission of Technical Packet against EOIs by bidders	07 th Mar 2022 at 17:00 Hours
2	Opening of Technical Bid of EOIs	07 th Mar 2022 at 17:15 Hours
3	Number of copies to be submitted for scope of work	One
4	EOI fees inclusive tax (Non-refundable)	Rs. 5,000/-
5	EMD for Pre-Bid Arrangement	Rs. 5,00,000/-

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

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

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: Vivek Kumar Garg
Position: Sr. Manager/Marketing
Email: vivek.garg@railtelindia.com
Contact: +91-9004073487

Level:2 Contact: Anand Kumar
Position: Dy. General Manager/Marketing
Email: anandnkn@railtelindia.com

Level:3 Contact: Sharad Sharma
Position: General Manager
Email : sharad.sharma@railtelindia.com

Note:

1. Empaneled partners are required to submit soft copy (password protected PDF) of technical packet through an e-mail at eoivr@railtelindia.com, duly signed by Authorized Signatories with Company seal and stamp. The size of file should not exceed 20 Mb.
2. The EOI response is invited from eligible **Empaneled Partners of RailTel only**.
3. All the document must be submitted with proper indexing and page no.
4. This is an **exclusive pre RFP partnership arrangement with empaneled business associate of RailTel for participating in the end customer RFP**. Selected partner's authorized signatory has to give an undertaking they will not submit directly or indirectly their bids and techno-commercial solution/association with any other organization once selected in this EOI for pre-bid teaming arrangement (before and after submission of bid to prospective organization by RailTel). This undertaking has to be given with this EOI Response.
5. **Transfer and Sub-letting**. The Business Associate has no right to give, bargain, sell, assign or sublet or otherwise dispose of the Contract or any part thereof, as well as to give or to let a third party take benefit or advantage of the present Contract or any part thereof.

1. Introduction about RailTel

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

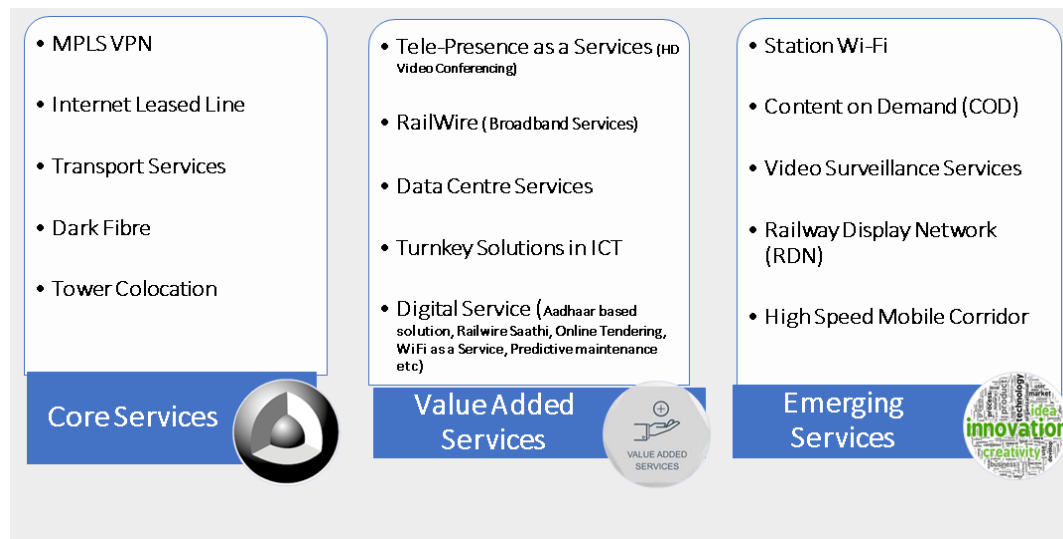
RailTel has approximately 60000 kms of OFC along the protected Railway tracks. The transport network is built on high capacity DWDM and an IP/ MPLS network over it to support mission critical communication requirements of Indian Railways and other customers. RailTel has Tier-III Data Center in Gurgaon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

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

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

Licenses & Service portfolio:

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



a) Carrier Services

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

b) Enterprise Services

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

c) DATA CENTER Infrastructure as a service (IaaS), Hosting as Services, Security operation Centre as a Service (SOCaaS): RailTel has MeitY empaneled two Tier-III data centres in Gurgaon & Secunderabad. Presently RailTel is hosting critical applications of Indian Railways, Central & State government/ PSUs applications. RailTel will facilitate Government's applications / Hosting services including smooth transition to secured state owned RailTel's Data Centers and Disaster Recovery Centres. RailTel also offers SOC as a Service 'SOCaaS'. In addition, RailTel offers VPN client services so that employees can seamlessly access government's intranet, applications securely from anywhere without compromising security.

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

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

e) Retail Services – RailWire

RailWire: Triple Play Broadband Services for the Masses. RailTel has unique model of delivering broadband services, wherein local entrepreneurs are engaged in delivering &

maintaining broadband services and upto 66% of the total revenues earned are shared to these local entrepreneurs in the state, generating jobs and revitalizing local economies. On date RailTel is serving approx 4,00,000 subscribers on PAN Indian basis. RailTel can provide broadband service across– Government PSU or any organization's officers colonies and residences.

2. Project Background and Objective of EOI

RailTel intends to participate in **EOI floated (hereinafter referred as RFP)** by end Customer organization for **Digitalization of OBCBK Ashram Schools for “Maintaining Quality and Continuity in Education”** (EOI Num: VJNT-2021- Sr no-31, Part-3, 1/B).

RailTel invites EOIs from RailTel's Empaneled Partners for the selection of suitable partner for participating in above mentioned work for the agreed scope work. The empaneled partner is expected to have excellent execution capability and good understanding customer local environment.

3. Scope of Work

The scope of work will be as mentioned in the end Customer organization RFP for **Digitalization of OBCBK Ashram Schools for “Maintaining Quality and Continuity in Education”**. vide No. VJNT-2021- Sr no-31, Part-3, 1/B dated 18.02.2022 with latest amendment/ Corrigendum/ Clarifications.

The brief scope of work is provided below for reference: -

1. **Project Activities:** Site Survey, Hardware & Software Delivery, educational content, Hardware & Software Commissioning, Training, Go-Live, O&M, Project & Manpower.
2. **Digital Classroom:** Hardware, Tools, Studio, Network Connectivity, Helpdesk Support.
3. **TLMS (Teaching Learning Management System)**
4. **Cloud Solution.**

The above scope of work is indicative and the detailed scope of work is given in the end customer tender documents with latest amendments and clarifications.

In case of any discrepancy or ambiguity in any clause / specification pertaining to scope of work area, the RFP released by end customer organization shall supersede and will be considered sacrosanct. (All associated clarifications, response to queries, revisions, addendum and corrigendum, associated prime service agreement (PSA)/MSA/SLA also included.)

Special Note: RailTel may retain some portion of the work mentioned in the end organization RFP, where RailTel has competence so that overall proposal becomes most winnable proposal.

4. Response to EOI guidelines

4.1 Language of Proposals

The proposal and all correspondence and documents shall be written in English in password protected PDF file through an email (size of email should not exceed 20Mb) to eoι.wr@railtelindia.com.

4.2 RailTel's Right to Accept/Reject responses

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

4.3 EOI response Document

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

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

4.4 Period of Validity of bids and Bid Currency

Bids shall remain valid for the period of validity of the Pre-Bid agreement which will be signed with the selected partner.

4.5 Bidding Process

The bidding process as defined in para 4.10 & 6.

4.6 Bid Earnest Money (EMD)

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

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

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

4.6.4 Return of EMD for unsuccessful Business Associates: EOI EMD of the unsuccessful Business Associate shall be returned without interest after completion of EOI process (i.e. after pre-bid agreement is signed with the selected partner)

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

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

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

4.7 Security Deposit / Performance Bank Guarantee (PBG)

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

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

4.8 Last date & time for Submission of EOI response

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

4.9 Modification and/or Withdrawal of EOI response

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

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

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

4.10 Details of Financial bid for the above referred tender

Business Associate meeting eligibility criteria and securing **highest score in evaluation criteria (Annexure-A)** will be selected for exclusive pre-bid arrangement for optimizing technical and commercial solution so that most winnable solution is submitted to end customer.

In case if there are Two or more Business Associate meeting eligibility criteria and securing equal marks in the evaluation criteria, then price bid will be sought from these BA s in the second stage for the given scope of the work and BA with overall lowest (L1) offer will be selected for exclusive pre bid arrangement for optimizing technical and commercial solution.

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 bidder with detailed Terms and conditions.

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

S No.	Particulars	Criteria for Tender Package
		(Mandatory Compliance & Document Submission)
A)	Financial Conditions	
i)	BA should be registered under Companies Act, 1956 or Companies Act 2013 or as amended and should have at least 3 years of operations in India as on bid submission date.	<ol style="list-style-type: none"> 1. Certificate of Incorporation 2. GST Registration 3. PAN Card 4. Documentary evidence in the form of Order/Agreement/ MOU etc
ii)	BA individually should have a minimum average annual turnover of Rs 100 Cr during the last three financial years & current year (i. e. FY 2018-19, FY 2019-20, FY 2020-21).	Turnover Certificate issued by the Chartered Accountant. Certificate should contain UDIN no. issued by ICAI and extracts from the audited balance sheet and profit & loss for last three financial year.
iii)	BA should also have a positive net worth & be profitable in the last 3 financial years (i. e. FY 2018-19, FY 2019-20, FY 2020-21).	Positive Net Worth and Profitability Certificate issued by the CA for the last three financial years (i. e. FY 2018-19, FY 2019-20, FY 2020-21). Certificate should contain UDIN no. issued by ICAI.
B)	Technical Conditions	
iv)	BA should have an average annual turnover from IT /ITES /ICT /Telecom /Data Centre /System Integration Services/Networking/e-Governance/Surveillance of at least INR. 80 Crores during the last 3 financial years (i. e. FY 2018-19, FY 2019-20, FY 2020-21).	Certificate from the CA along with extracts from the audited balance sheet and profit & loss for last three financial years. Certificate should contain UDIN no. issued by ICAI.

S No.	Particulars	Criteria for Tender Package
		(Mandatory Compliance & Document Submission)
v)	The BA should have a functional office in Maharashtra	Sale deed / rent agreement / any other address proof In case of non-availability of office, a self-declaration must be submitted by the Bidder for establishment office within 45 days from receipt of PO.
vi)	Bidder should have similar* experience in India related to IT / ICT Education Government projects in last five years, as on bid submission date. <i>Similar* experience: Projects undertaken in any Govt. Schools / Colleges / Educational Centres by any Govt. / PSU / Private organizations in Smart Classroom / Digital Classroom / Smart School / Virtual Classroom / ERP / LMS in Educational institutions / Interactive Boards / IT / ICT projects.</i>	Work Orders / Letter of Intent / Signed Contract / Go-live Certificate / Client Completion Certificate / Self declaration of work-in-progress or completion
vii)	The BA should have at least one of the below Certifications: • ISO/IEC 20000 • ISO 9001 • ISO 27001 • CMMI Level 3 or better	Copy of Valid Certificates
C)	Annexures	
viii)	Annexure 1	Covering Letter: Self-certification duly signed by authorized signatory on company letter head.
ix)	Annexure 2	The Bidder should agree to abide by all the technical, commercial & financial conditions of the end customer RFP for which EOI is submitted.
		Self-certification duly signed by authorized signatory on company letter head.
x)	Annexure 3	An undertaking signed by the Authorized Signatory of the company to be provided on letter head. The Bidder should not have been blacklisted/debarred by any Governmental /Non-Governmental Organization in India as on bid submission date.
xi)	Annexure-4	Format for Affidavit to be uploaded by BA along with the tender documents.
xii)	Annexure-5	Non-disclosure agreement with RailTel.

S No.	Particulars	Criteria for Tender Package
		(Mandatory Compliance & Document Submission)
xiii)	Power of Attorney	Power of Attorney and Board Resolution in favour of one of its employees who will sign the Bid Documents.
xiv)	Additional Documents to be Submitted	1. Technical Proposal with overview of the project with strength of the Partner. 2. Bidder can use the capability of parent company/ subsidiary / group companies of ultimate parent from India origin for qualification. Bidder should submit a letter of consent signed and stamped by the authorized signatory of concerned entity.

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

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 Technical Evaluation as per Annexure -A.

7.3 The Business Associate with **securing highest marks** in Evaluation Criteria (Annexure-A) will be selected for exclusive pre-bid arrangement for optimizing technical and commercial solution so that most winnable solution is submitted to end customer.

7.4 RailTel reserves the right to accept or reject the response against this EOI, without

assigning any reasons. The decision of RailTel is final and binding on the participants. The RailTel evaluation committee will determine whether the proposal/ information is complete in all respects and the decision of the evaluation committee shall be final. RailTel may at its discretion assign lead factor to the Business associate as per RailTel policy for shortlisting partner against this EOI.

- 7.5 All General requirement mentioned in the Technical Specifications are required to be complied. The solution proposed should be robust and scalable.

8. Other Terms and Conditions

Any other terms and conditions in relation to SLA, Payments etc. will be as per the RFP of the end customer.

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

Annexure-A

All eligible empaneled business partners who fulfil the minimum eligibility conditions of the EOI shall be further evaluated on a total score of 50. The evaluation matrix consisting of the following parameters for each indicated vertical:

A) Evaluation Criteria: (50 Marks)

S. No.	Technical Evaluation Criteria	Methods of allotting marks			Supporting Docs
1	The Bidder must have an annual average turnover of minimum Rs. 100 Cr during the last three financial years	SN	Bidder having annual average turnover	Allotment of Marks	Certificate from the CA along with extracts from the audited balance sheet and profit & loss for last three financial years
		1	>500 Cr.	10	
		2	=>250 to <500 Cr.	7	
		3	=>100 to <250 Cr.	5	
2	The Bidder should have positive net worth in each of the last 3 financial years	SN	Bidder having average Net Worth for last 3 financial years	Allotment of Marks	Certificate from the CA for last three financial years,
		1	>= 20 Cr.	5	
		2	>= 5 Cr. but < 20 Cr.	3	
		3	>= 1 Cr. but < 5 Cr.	1	
3	The Bidder should have project(s) in India in similar* IT / ICT Education projects in last five years	SN	Bidder having experience of no. of classrooms / labs	Allotment of Marks	Work Orders / Letter of Intent / Signed Contract / Go-live Certificate / Client Completion Certificate / Self declaration of work-in-progress or completion
		1	>= 500	10	
		2	>= 300 but < 500	7	
		3	>= 80 but < 300	5	
4	The OEM of Interactive products must have experience of supplying interactive teaching product / technology at least in 3 large projects with min. Order Qty of 1000 units (in each project PO) in Govt. Schools / Colleges in last five years.	SN	OEM having experience of no. of projects	Allotment of Marks	Work Orders / Letter of Intent / Signed Contract / Go-live Certificate / Client Completion Certificate / Self declaration of work-in-progress or completion.
		1	5 projects or more	10	
		2	4 projects	7	
		3	3 projects	5	
5	The OEM should have executed direct order of 500 Nos of UPS Systems capacity of 2 kVA or more in a single PO of Govt Education, during the last 5 financial year.	SN	OEM having experience of no. of UPSs deployed in as single PO	Allotment of Marks	Work Orders / Letter of Intent / Signed Contract / Go-live Certificate / Client Completion Certificate / Self declaration of work-in-progress or completion.
		1	>= 700	10	
		2	>= 600 but < 700	7	
		3	>= 500 but < 600	5	
6	Bidder should have any one of the below certifications: • ISO/IEC 20000 certification • ISO 9001 certification • ISO 27001 Certification • CMMI Level 3 Certification	SN	No. of certificates	Allotment of Marks	Copy of Certificate(s)
		1	More than 1 certifications + CMMI Level 3 certificate	5	
		2	Any 1 certification	2	
Total Marks				50	

Annexure 1: Format for COVERING LETTER

COVERING LETTER (To be on company letter head)

Eol Reference No:

Date :

To,

RailTel Corporation of India Ltd.
Western Railway Microwave
complex, Senapati Bapat Marg,
Mahalaxmi, Mumbai 400013

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)

Eol Reference No:

Date:

To,

RailTel Corporation of India Ltd.
Western Railway Microwave
complex, Senapati Bapat Marg,
Mahalaxmi, Mumbai 400013

Dear Sir,

Sub: Self Certificate for Tender, Technical & other compliances

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

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

Authorized Signatory

Name & Designation

Annexure 3: Undertaking for not Being Blacklisted/Debarred

<On Company Letter Head>

To,

RailTel Corporation of India Ltd.
Western Railway Microwave
complex, Senapati Bapat Marg,
Mahalaxmi, Mumbai 400013

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

We, Company Name, having its registered office at Address

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

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

Date and Place

Authorized Signatory's Signature:

Authorized Signatory's Name and Designation:

Bidder's Company Seal:

Annexure 4: Format of Affidavit

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

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

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

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

DEPONENT
SEAL AND SIGNATURE
OF THE BA

VERIFICATION

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

DEPONENT

SEAL AND SIGNATURE
OF THE BA

Place:

Dated:

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

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

NON-DISCLOSURE AGREEMENT

This Non-Disclosure Agreement (this "**Agreement**") is made and entered into on this ____ day of ____, 2021 (the "**Effective Date**") at _____.

By and between

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

And

_____) (CIN: _____), a company duly incorporated under the provisions of Companies Act, _____ having its registered office at _____, (hereinafter referred to as '**_____**'), which expression shall unless repugnant to the context or meaning thereof, deem to mean and include its successors and its permitted assignees of OTHER PART

RailTel and _____ shall be individually referred to as "Party" and jointly as "Parties"

WHEREAS, RailTel and _____, each possesses confidential and proprietary information related to its business activities, including, but not limited to, that information designated as confidential or proprietary under Section 2 of this Agreement, as well as technical and non-technical information, patents, copyrights, trade secrets, know-how, financial data, design details and specifications, engineering, business and marketing strategies and plans, forecasts or plans, pricing strategies, formulas, procurement requirements, vendor and customer lists, inventions, techniques, sketches, drawings, models, processes, apparatus, equipment, algorithms, software programs, software source documents, product designs and the like, and third party confidential information (collectively, the "**Information**");

WHEREAS, the Parties have initiated discussions regarding a possible business relationship for _____.

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

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

Permitted Use.

Receiving Party shall:

hold all Information received from Disclosing Party in confidence;

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

restrict disclosure of such Information to those of Receiving Party's officers, directors, employees, affiliates, advisors, agents and consultants (collectively, the "**Representatives**") who the Receiving Party, in its reasonable discretion, deems need to know such Information, and are bound by the terms and conditions of (1) this Agreement, or (2) an agreement with terms and conditions substantially similar to those set forth in this Agreement.

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

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

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

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

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

(c) Both parties further agree to exercise the same degree of care that it exercises to protect its own Confidential

Information of a like nature from unauthorised disclosure, but in no event shall a less than reasonable degree of care be exercised by either party.

Designation.

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

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

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

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

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

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

Return or Destruction of Information.

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

termination of this Agreement;

expiration of this Agreement; or

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

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

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

Notice.

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

by personal delivery, when delivered personally;

by overnight courier, upon written verification of receipt; or

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

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

RailTel Corporation of India limited:

Attn: _____

Address: _____

Phone: _____

Email: _____

_____:

Attn: _____

Address: _____

Phone: _____

Email: _____

Term, Termination and Survivability.

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

Each party reserves the right in its sole and absolute discretion to terminate this Agreement by giving the other

party not less than 30 days' written notice of such termination.

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

In respect to Information provided to it during the Term of this agreement, shall survive and continue even after the expiry of the term or termination of this agreement; and

not apply to any materials or information disclosed to it thereafter.

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

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

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

Settlement of Disputes:

The parties shall, at the first instance, attempt to resolve through good faith negotiation and consultation, any difference, conflict or question arising between the parties hereto relating to or concerning or arising out of or in connection with this agreement, and such negotiation or consultation shall begin promptly after a Party has delivered to another Party a written request for such consultation.

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

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

CONFIDENTIALITY OF NEGOTIATIONS

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

REPRESENTATION

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

ASSIGNMENT

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

EMPLOYEES AND OTHERS

Each Party shall advise its Representatives, contractors, subcontractors and licensees, and shall require its Affiliates to advise their Representatives, contractors, subcontractors and licensees, of the obligations of confidentiality and non-use under this Agreement, and shall be responsible for ensuring compliance by its and its Affiliates' Representatives, contractors, subcontractors and licensees with such obligations. In addition, each Party shall require all persons and entities who are not employees of a Party and who are provided access to the

Confidential Information, to execute confidentiality or non-disclosure agreements containing provisions no less stringent than those set forth in this Agreement. Each Party shall promptly notify the other Party in writing upon learning of any unauthorized disclosure or use of the Confidential Information by such persons or entities.

NO LICENSE

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

RELATIONSHIP BETWEEN PARTIES:

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

20: UNPULISHED PRICE SENSITIVE INFORMATION (UPSI)

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

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

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

_____:

RailTel Corporation of India Limited:

By _____

By _____

Name:

Name:

Title:

Title:

Witnesses

(End of Document)



Expression of Interest (EOI) for Shortlisting of System Integrators for Digitalization of OBCBK Ashram Schools for Maintaining Quality and Continuity in Education

Other Backward Bahujan
Welfare Department,
Government of
Maharashtra

EOI Num: VJNT-2021- Sr no-31 ,
Part-3, 1/B

EOI for Shortlisting of System Integrators for Digitalization of OBCBK Ashram Schools for
Maintaining Quality and Continuity in Education

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Maintaining Quality and Continuity in Education

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EOI for Shortlisting of System Integrators for Digitalization of OBCBK Ashram Schools for
Maintaining Quality and Continuity in Education

Important Dates:

SI #	Activity	Deadline
1.	Reference EOI No.	VJNT-2021- Sr no-31 , Part-3, 1/B
2.	Release of EOI	18 /02/2022 at 15:00 hrs
3.	Last date of receipt of queries on EOI	28/02/2022 by 11:00 hrs
4.	Pre-bid Meeting date	28/02/2022 at 16:00 hrs
5.	Last date for submission of EMD	11/03/2022 at 13:00 hrs
6.	Last date for submission of Bids	11/03/2022 at 15:00 hrs
7.	Date of opening of technical bids	14/03/2022 at 14:00 hrs
8.	Date of Technical Presentation by the Bidders	To be intimated later

EOI for Shortlisting of System Integrators for Digitalization of OBCBK Ashram Schools for
Maintaining Quality and Continuity in Education

Invitation for Bids

- 1) The Other Backward Bahujan Welfare Department hereby invites Proposals from reputed Firms/Companies for Shortlisting of System Integrators for Digitalization of OBCBK Ashram Schools for Maintaining Quality and Continuity in Education in Maharashtra State.
- 2) The complete bidding document shall be published on <https://mahatenders.gov.in/> for the purpose of downloading.
- 3) The Bidders will have to download the EOI, from the website mentioned above.
- 4) The bidder has to submit their bid response on the <https://mahatenders.gov.in> along with required documents. While submitting the EOI response documents the Bidders are required to Deposit EOI fee amount of Rs. 5,000/-.
- 5) The bidder should upload the documents in readable form, He/she should take trial of uploads by taking printout. The unreadable documents will be treated as null & void. All the readable documents will be considered for evaluation. No other documents in hard copy will be accepted for evaluation. All the pages in bid response shall be signed and stamped by authorised signatory.
- 6) Bidders are also advised to refer "Bidders Manual Kit" available at <https://mahatenders.gov.in> for further details about the e-tendering portal registration, if require and contact customer care mentioned in Mahatender for any clarifications.
- 7) Bidder is advised to study this document carefully before submitting their proposals in response to the EOI. Submission of a proposal in response to this shall be deemed to have been done after careful study and examination of this document with full understanding of its terms, conditions and implications.
- 8) The information contained in this EOI is selective and is subject to updating, expansion, revision and amendment at the sole discretion of The Other Backward Bahujan Welfare Department. It may not contain all the information that a recipient may require for the purposes for making a decision for participation in this process. Each Party must conduct its own analysis of the information contained in this EOI, to correct any inaccuracies therein and is advised to carry out its own investigation into the proposed requirements.

EOI for Shortlisting of System Integrators for Digitalization of OBCBK Ashram Schools for
Maintaining Quality and Continuity in Education

EOI Datasheet

SI #	Item	Description
1.	Availability of EOI Documents	Download from https://mahatenders.gov.in
2.	EOI document fee	INR 5,000 (INR Five Thousand only) through Online NEFT/RTGS
3.	Bid Security/Earnest Money Deposit (EMD)	INR 5,00,000 (INR Five Lakh only) Bidders are required to submit EMD Declaration form as provided in this tender document format Annexure 4
4.	Pre-Bid Conference time, date, & venue / online meeting link	Venue/Link: Will be shared through email id
5.	Posting of responses to queries	Answer to Prebid queries shall be shared with respective bidders through email
6.	Name and Address for Correspondence	Kailas Salunke Deputy Secretary, OBCBK Room-154 Mantralaya, Mumbai Maharashtra- 400032 Ph: 022-22823824 Email id: ajit.jagtap@nic.in

1. Introduction

1.1. Project Background

The Other Backward Bahujan Welfare Department, which was established earlier under the Department of Social Justice and Special Assistance of the Government of Maharashtra has been transferred to OBCBK, OBC and SBC Welfare Department, General Administration Department, Government of Maharashtra. Through this department, educational, economic and social development schemes of the government are implemented for OBCBK, OBC and SBC.

Following are the objectives of Ashram School:

- To wean the children away from an atmosphere, which is generally not conducive for the development of their personality and outlook
- To impart general formal education
- To impart socially useful vocational/crafts along with the general education
- To encourage Vimukta Jati, Nomadic Tribes, Other Backward Class and Special Backward Class traditions like folk songs and dances so that the schools are not only mere learning places but also centers of cultural activities
- To provide close interaction between the teacher and taught through increased individual attention
- To reduce the dropout rate and to improve the retention capacity of the school

With the above-mentioned objectives in mind, the Other Backward Bahujan Welfare Department is setting up a project to build technology-based facilities in ashram schools with a view to providing quality education to students from underprivileged communities. The project will increase the confidence of students of the community in the education system, and shall have potential to solve the problem of student dropout rate as well as absenteeism, evaluate the work of teachers, and force them to adopt appropriate teaching methods. This project is important for Maharashtra to initiate a radical change in the education system.

The Department is going to implement this Project in Phases. 500 ashram schools will be covered in the first phase, and the finalized quote received from the successful bidder in the first phase, will be the base quote for second phase onwards, based on fund availability, where the quotation can be enhanced by maximum 10% on year to year basis with the same terms & conditions of this tender for implementing the smart school solutions to the successful bidder only without further tendering. The Successful Bidder may be asked for a component-wise price-breakup during the above-mentioned extension, if the Department demands for the same.

1.2. Project Summary

The Other Backward Bahujan Welfare Department (Other Backward Bahujan Welfare Department) Welfare Department has envisaged implementing Digitalization initiatives in 1000 classrooms of 500 Ashram Schools across Maharashtra. The expected components of the project are as follows.

Project Components Summary:

I. Digital Classrooms

Digital Classroom serves as a great platform for making the entire teaching and learning process highly interactive, quick and integrated. It bridges the gap between education delivering and receiving community.

The Digital Classroom at ashram schools with all latest technology hardware will create a collaborative and adaptive learning environment for the teachers and students. The classroom in each of the schools will be implemented with the Digital Classroom infrastructure and Virtual Learning Environment. Digital Classroom learning education system attempts at developing quick learning skills, where teachers will participate with students via learning tools and techniques.

II. Offline content (Maharashtra State Board & MCQ)

Audio-Video content is expected along with E-books, question-answers, revisions and more. As it covers the entire syllabus, there is no requirement of searching or hunting concepts online. The content software should work offline as well as online. Content will be based on Maharashtra state board Syllabus in Marathi & English languages. It should consider as helping hand for teachers for better quality of teaching practices (additional Q&A and problems can be included in the software), covering all subjects (Marathi, English, Hindi, Science, Maths, Social and Science etc.). The content could be in the form of 2D, 3D, still picture & videos.

III. Facial Biometric Attendance

The biometric attendance solution will be done by using facial recognition for marking attendance. It should be more secure and a touch less solution including the latest technology transforming traditional attendance system for considering the current pandemic situation. Facial recognition process will create a new improvised accurate and secure attendance system, reduce time required for manual attendance and their report generation related paperwork, auto generated dynamic attendance reports.

IV. Teaching Learning Management System (TLMS)

The TLMS can be designed with a cloud based software platform facilitating automation of academic management and performance monitoring and report generation. This will act as a support for better teaching and learning delivery where teachers can focus on their core job of education delivery in order to ensure outcome of digital and formal education modes using various tools such as syllabus, assignment, understanding test, scheduler, attendance, etc. A real-time dashboard monitoring system will be provided for monitoring of performance of affiliated Schools. This will facilitate centralized decision making and implementation. Minor customizations should be done as per the requirements of the department.

V. e-STEM

e-STEM with a digital enablement should be a curriculum based on the idea of blended learning environment for students in four specific disciplines - Science, Technology, Engineering and Mathematics - in an interdisciplinary and applied approach. The e-STEM should teach students computational thinking and focuses on the real world applications of problem solving. Students should find it far more interesting to explore and create in STEM classes than to read a textbook and answer questions at the end of each chapter. STEM should foster curiosity and imagination that many subjects taught in isolation can't do.

VI. Study Reference Materials

Multiple e-books as supplementary content should be made available to the students through offline study reference material e-contents, which should be accessed through an android-based app provided in the display panels. The Students should also be able to learn about experiments and projects through the provided reference videos.

The envisaged Study Reference materials could be in-line with following:

- i. STEM Activity Videos
- ii. Digital Story Books in Marathi and English medium
- iii. Content for Computers & Spoken English

VII. English Language Learning Tool

English Language Learning Tool should be an excellent way of getting students to practice their English. This tool should simulate real life situations and allow the learners to understand what they would do in a real situation. This will help in developing skills in English across reading, writing, listening, speaking, grammar and vocabulary. Each level should comprise of at least 15-20 hours of learning time. This platform should enable anytime anywhere access for students. Being cloud based solution; students should be able to access the program from any place and at any time as per their convenience.

2. Instruction to Bidders

2.1 Eligible Bidders

Bids may be submitted by an eligible System Integrators (SIs) as per the eligibility norms set forth in this EOI document.

2.2 Bidder to Inform

- a. Bidders are advised to study carefully all instructions, forms, terms, project requirements, documents and other information prescribed in this EOI document. The Submission of bid shall be deemed to have been done after careful study and examination of the EOI document with full understanding of its implications.
- b. The response to this EOI must be complete in respect of submission of information strictly in accordance with the formats prescribed in the EOI.
- c. Failure to furnish any information required by the EOI document or non-submission of supporting documents prescribed in EOI document or any deviation from the format for submission of technical proposals prescribed in the EOI document or material deficiencies in complying with requirements of the EOI document shall make the Bid non responsive and shall be liable to be rejected.
- d. All documents submitted in response to the EOI shall be only in English language and be legible.

2.3 Bid Preparation Cost

- a. The bidder is responsible for all costs incurred in connection with participation in this process, including, but not limited to, costs incurred in conduct of informative and other due diligence activities, participation in meetings/discussions/presentations, preparation of proposal, in providing any additional information required by the Other Backward Bahujan Welfare Department to facilitate the evaluation process
- b. The Other Backward Bahujan Welfare Department shall not entertain any request for reimbursement of any cost incurred by the bidder in connection with bid process including signing of final contract under any circumstances.

2.4 Authorized Representative of the Bidder

All communication with regard to the EOI document, signing of the bid including the prescribed documents, submission of the bid and signing of the contract with Other Backward Bahujan Welfare Department shall be done only by the authorized representative of the Bidder/ Lead Bidder of Consortium. An authority letter / copy of board resolution issued by appropriate authority (as mentioned in Form 8.7) should be enclosed with the proposal.

2.5 Pre-bid meeting & Clarification

2.5.1 Bidders Queries

- a) Any clarification regarding the EOI document and any other items related to this project can be submitted to Other Backward Bahujan Welfare Department as per the submission mode and timelines mentioned in the EOI Datasheet.
- b) Any request(s) for clarifications post the indicated date and time shall not be entertained by Other Backward Bahujan Welfare Department. Further, Other Backward Bahujan Welfare Department shall reserve the right to issue clarifications.
- c) The queries of only those bidders would be considered, who shall send the same to e-mail IDs provided in the EOI Datasheet.
- d) It is necessary that the pre-bid queries must be submitted in excel sheet format, along with name and details of the organization submitting the queries as mentioned in Annexure I.
- e) The pre-bid queries to be mailed to **ajit.jagtap@nic.in**

2.5.2 Pre-Bid Meeting

The Other Backward Bahujan Welfare Department shall hold a pre-bid meeting with the prospective bidders as mentioned in the EOI Data Sheet. The bidders are expected to submit the pre-bid queries by the date as it's mentioned in the EOI Datasheet. Responses to Pre-Bid Queries and Issue of Corrigendum

- a) The Nodal Officer notified by the Department shall endeavour to provide timely response to all queries. However, Department makes no representation or warranty as to the completeness or accuracy of any response made in neither good faith, nor does Department undertake to answer all the queries that have been posed by the Bidders.
- b) At any time prior to the last date for receipt of bids, Department may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the EOI Document by a corrigendum.
- c) The corrigendum (if any) & clarifications to the queries from all Bidders shall be posted as per EOI Datasheet.
- d) Any such corrigendum shall be deemed to be incorporated into this EOI.

2.6 Amendment of EOI Document

- a. At any time prior to the last date for receipt of bids, Vimukta Jati, Nomadic Tribes and Special Backward Class Welfare Department, may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the EOI Document by an amendment.
- b. In order to provide prospective Bidders reasonable time in which to take the amendment or the supplements into account in preparing their bids, the department may, at its discretion, extend the last date for the submission. All such changes shall be duly published on the mentioned website in EOI Datasheet as corrigendum before the last date of receipt of bids or the extended last date of the receipt of bids, as the case may be.

2.7 Right to Terminate the Process

- a) Other Backward Bahujan Welfare Department may terminate the EOI process at any time and without assigning any reason. Other Backward Bahujan Welfare Department

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makes no commitments, express or implied, that this process shall result in a business transaction with anyone.

- b) This EOI does not constitute an offer by Other Backward Bahujan Welfare Department. The bidder's participation in this process may result in Other Backward Bahujan Welfare Department selecting the bidders to engage towards execution of the contract.

2.8 Non-Responsive Bids

The bid shall be declared as Non-Responsive, and shall be disqualified in any of the following cases:

- a) Bid not fulfilling Pre-Qualification Criteria
- b) Bid not submitted in accordance with the requirement of this EOI document
- c) Bid not submitted along with requisite cost of EOI document as prescribed in EOI document
- d) Bid not submitted along with requisite EMD as prescribed in EOI document
- e) Bid is received in incomplete form or is illegible in whole or part
- f) Bid is not submitted within due date and time
- g) Bid is not accompanied by all requisite documents
- h) Bid packaging not in conformance as prescribed in this EOI document. Information submitted in technical proposal is found to be misrepresented, incorrect or false, accidentally, unwittingly or otherwise, at any time during the processing of the contract (no matter at what stage)
- i) Bids that appear to be “canned” presentations of promotional materials that do not follow the format requested in this EOI or do not appear to address the particular requirements of the Project or documents are illegible to a naked eye
- j) In case any one party submits multiple Bids the bidders are likely to be disqualified, unless additional Bids/bidders are withdrawn upon notice immediately. Only OSD / OEM can provide solution to multiple bidders
- k) Any deviations in the final deliverables between technical make the proposal as being unresponsive
- l) Any supporting documents missing to comply the requirements of OEM eligibility criteria

2.9 General Conditions

- a) This EOI does not commit Other Backward Bahujan Welfare Department to enter into an agreement or similar undertaking with the bidder or any other organization and the Department shall have the right to reject or accept any proposal or offer, or any part thereof (e.g., any component of any proposed Project) for any reason whatsoever.
- b) In case of any ambiguity in the interpretation of any of the clauses in the EOI document, the interpretation of the clauses by Authorized Representative of Other Backward Bahujan Welfare Department shall be final and binding on all parties.
- c) No oral conversations or agreements with any official, agent, or employee of Other Backward Bahujan Welfare Department shall affect or modify any terms of this EOI, and any alleged oral agreement or arrangement made by a bidder with any department, agency, official, or employee of Department shall be superseded by the definitive agreement that results from this EOI process. Oral communications by Department to bidders shall not be considered binding on Department, nor shall any written materials provided by any person other than the Department. Vimukta Jati, Nomadic Tribes and Special Backward Class Welfare Department, however, may request the selected bidder to commence study and business process review after issuance of LOI with clear mutual

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consent that no compensation will be claimed or paid if the final work order is not issued for any reason whatsoever.

- d) By responding, the bidder shall be deemed to have represented and warranted that its proposal is not made in connection with any competing bidder submitting a separate response to this EOI, and is in all respects fair and without collusion or fraud; that the bidder did not participate in the EOI development process and had no knowledge of the specific contents of the EOI prior to its issuance; and that no employee or official of Other Backward Bahujan Welfare Department participated directly or indirectly in the bidder's proposal preparation.
- e) Neither the bidder nor any of bidder's representatives shall have any claims whatsoever against Other Backward Bahujan Welfare Department or any of its respective officials, agents, or employees arising out of or relating to this EOI or these procedures (other than those arising under a in accordance with the terms thereof).
- f) **Insurance:** The bidder shall be sole responsible for all the requisite IT infrastructure insurances against Fire, Earthquake, Theft and STFI (Standard Fire and Special Perils) during contact period.
- g) **Sub-contracting:** The bidder is allowed to sub-contract the project in-line with its requirement; however the Successful Bidder is expected to inform the Other Backward Bahujan Welfare Department about the sub-contracting arrangement post award of contract.
- h) The Other Backward Bahujan Welfare Department may vary any of the clauses at later stage for floating RFQ/Tender . The EOI is not an offer and is issued with no commitment. OBCBK reserves the right to withdraw EOI and or vary any part thereof at any stage in RFQ/Tender/RFP. OBCBK further reserves the right to disqualify any bidder, should it be so necessary at any stage.
- i) The Bid document prepared by the Bidder, as well as all correspondence and documents relating to the e-Bid exchanged by the Bidder shall be written in English only. The supporting documents and printed literature furnished by the bidder (as response) with the bid may be in any other language provided that they are accompanied by translations of all the pertinent passages in the English language, duly authenticated and certified by the bidder.

3 Key Requirements of Bid

3.1 EOI Document Fees and Purchase

- a) The Bidders shall download EOI document from the website as mentioned in the EOI Datasheet above. The downloading of the tender documents shall be carried out strictly as provided on the web site.
- b) EOI Fee of requisite amount, as per EOI Datasheet
- c) Without the payment of EOI fee, the bids shall be considered as incomplete and non-responsive and shall not be considered.
- d) The EOI document fee is non-refundable and not exempted.
- e) Proposals received without EOI fee receipt shall be rejected.

3.2 Earnest Money Deposit (EMD)

- a) The bidder is required to present EMD of INR 5,00,000 (five lakh rupees), Failing to submit the EMD declaration as per the format provided in the tender document, the bid(s) shall be rejected.

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- b) The EMD is payable through NEFT
- c) In case of unsuccessful Bidder, earnest money/Bid security will be released on request from the Bidder on a date subsequent to the signing of contract with the successful Bidder.
- d) The bidder, by submitting its bid pursuant to this EOI, shall be deemed to have acknowledged and confirmed that OBCBK shall be entitled to forfeit and appropriate the EMD as compensation / damages to the OBCBK in any of the events specified in the RFP document

3.3 Submission of Proposal

The instructions to submit the bid, mentioned in Mahatender portal. All bidders to refer the document and contact the customer care for any clarifications. Bidders should submit their responses only through mahatender portal as per the procedure specified in this document being used for this purpose. Generally, the items to be uploaded on the portal would include all the related documents mentioned in this EOI, such as:

3.3.1 Pre-Qualification & Technical Proposal:

The structure of the Technical Proposal must be followed in-line with respective Annexures of this EOI.

3.4 Venue & Deadline for Submission of Proposals

Proposals, in its complete form in all respects as specified in the EOI, must be submitted before last date and time of submission, to Other Backward Bahujan Welfare Department at the portal specified in EOI Datasheet on the website.

3.5 Modification and Withdrawal of Bids

- a) No bid may be altered / modified after submission to the Other Backward Bahujan Welfare Department. Unsolicited correspondences in this regard from Bidders shall not be considered.
- b) No bid may be withdrawn in the interval between the last date for receipt of bids and the expiry of the bid validity period specified by the Bidders in the Bid.
- c) Withdrawal of a bid during this interval may result in the Bidders forfeiture of its EMD.

3.6 Reveal of Prices

Prices in any form or by any reason before opening the Financial bid in Request for Quotation (RFQ) stage should not be revealed, failing which the offer shall be liable to be rejected. As part of response to this EOI, no price/ financial quote shall be mentioned by any bidder, such response may be disqualified by the department.

3.7 Instructions for Technical Bid Preparation

The structure of the Technical Proposal must be followed in-line with respective Annexure of this EOI.

3.8 Timely Submission

- a) Bidders are solely responsible for timely preparation and submission of the bids mentioned in the EOI Datasheet.
- b) **Late Bids:** Proposals not submitted on or before the last date and time of submission will not be accepted under any circumstances by any other mode.

3.9 Conflict of Interest

Bidder shall furnish an affirmative statement as to the existence of, absence of, or potential for conflict of interest on the part of the bidder or any prospective subcontractor due to prior, current, or proposed contracts, engagements, or affiliations with Vimukta Jati, Nomadic Tribes and Special Backward Class Welfare Department. The bidder must disclose their details of any circumstances, including personal, financial & business activities; which will or might give rise to a conflict of interest if they were awarded this contract. Bidder should also state how they intend to avoid potential conflict. Other Backward Bahujan Welfare Department reserves the right to reject any proposal which in their opinion gives rise or could potentially give rise to a conflict of interest. Additionally, such disclosure shall address any and all potential elements (time frame for service delivery, resource, financial or other) that would adversely impact the ability of the bidder to complete the requirements as given in the EOI.

3.10 Eligible Goods & Services and OEM Criteria

- a) For purposes of this Clause, the term “goods” includes commodities, raw material, machinery, equipment, and industrial plants; and “related services” includes services such as Insurance, Transportation, Supply, Installation, Integration, Testing, Commissioning, training and initial maintenance.
- b) The Bidder shall quote only one specific make and model from only one specific OEM, for each of the goods. Providing more than one option shall not be allowed. All goods quoted by the Bidder must be associated with item code and names and with printed literature describing configuration and functionality. Any deviation from the printed specifications should be clearly mentioned in the offer document by the Bidder.
- c) All the OEMs should have authorized presence in India either directly or through channel partner(s) as on the date of release of EOI.
- d) The OEM for all active components should give a declaration that products or technology quoted are neither end-of-sale nor end-of-life as on the date of installation and commissioning and are not end-of-support till the successful completion of O&M period of the project.
- e) The proposed OEM for all active equipment should provide MAC ids of the quoted products; the MAC address of the proposed equipment must be registered in the name of the OEM only.
- f) The bidder's proposed OEM should not have been blacklisted by any State / Central Government Department or Central /State PSUs as on bid submission date. The bidder should ensure submission of OEM declarations in-line with this Annexure 6.
- g) Each of the proposed OEMs should either have existing capability and infrastructure to provide 24x7x365 technical support in India or should provide an undertaking that they would establish the requisite infrastructure and capability to provide 24x7x365 technical support.
- h) OEMs for Interactive Panel, UPS & Audio System must be registered in India since past 10 years or more.
- i) Interactive Panel: OEM of Interactive products must have experience of supplying interactive teaching product / technology at least in 3 large projects with order Qty of 1000 units in each PO in Govt. Schools / colleges.

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- j) Interactive Panel: OEM must have minimum 50,000 or more number of classrooms deployment of interactive teaching product / technology in India - OEM declaration letter with supporting Work Orders / Purchase Orders / Signed Contracts / Self declaration in case of work in progress/Supportive doc required such as, Market Research Report or other documentary evidence etc.
- k) Interactive Panel: OEM of Interactive Flat Panel must have their own Blended Learning Platform that must be offered along with the panel to enable the institute to run classroom smoothly post COVID lockdown wherein partial students will be inside the classroom & rests learning from home but can able to access interactive teaching canvas simultaneously. OEM must have Blended Learning Platform and Interactive teaching software development centre in India.
- l) UPS: The product quoted by the bidder should be manufactured in India under 'Made in India' policy as per Gol guidelines. Local content should be as per the Gol guidelines only.
- m) UPS: OEM should have executed direct order of 500 Nos of UPS Systems capacity of 2 kVA or more in a single PO of Govt Education, during the last 2 financial year.
- n) Audio System: OEM should provide self-test certificate for all equipment proposed.

Adequate supporting documents pertaining to the above points must be submitted in the technical proposal by the Bidder. Failure to provide adequate supporting documents may lead to non-response bid, and further to disqualification of bid.

4 Shortlisting Process for Bidders

4.1 Evaluation of Bids

- a. Other Backward Bahujan Welfare Department shall constitute a Tender Evaluation Committee to evaluate the responses of the bidders
- b. The Tender Evaluation Committee constituted by the Other Backward Bahujan Welfare Department shall evaluate the responses to the EOI and all supporting documents / documentary evidence.
- c. Inability to submit requisite supporting documents / documentary evidence, may lead to rejection.
- d. The Bidders' technical solution shall be evaluated as per the requirements and evaluation criteria as spelt out in the EOI document.
- e. In case, bidder is not meeting technical / financial / any other qualification criteria of this EOI in any means, they can use the capability of parent company/ subsidiary / group companies of ultimate parent from India origin for pre-qualification & technical qualification. In such case, the following additional documents to be submitted:
 - i. For meeting the technical / financial / any other qualification criteria of this EOI, the bidder should submit a letter of consent signed and stamped by the authorized signatory of concerned entity. The Indian bidding entity to this project shall submit a self-declaration certificate on a judicial stamp paper, stating of using the technical capability of parent company/ subsidiary/ group companies of ultimate parent.
- f. The Committee may seek inputs from their internal / external professional and technical experts in the evaluation process.
- g. Other Backward Bahujan Welfare Department reserves the right to do a reference check of the past experience stated by the Bidder. Any feedback received during the reference check shall be taken into account during the Technical evaluation process.
- h. The decision of the Tender Evaluation Committee in the evaluation of responses to the EOI shall be final. No correspondence shall be entertained outside the process of negotiation/ discussion with the Committee.
- i. The Tender Evaluation Committee may ask for clarifications / meetings with the Bidders to seek clarifications on their proposals (to individual bidders as necessary or to all bidders).
- j. The Tender Evaluation Committee reserves the right to reject any or all proposals on the basis of any deviations without assigning any reason thereof.
- k. Each of the responses shall be evaluated as per the criteria and requirements specified in the EOI.
- l. **Proposal Presentations:** The Tender Evaluation Committee shall invite each pre-qualified Bidder to make a presentation to Other Backward Bahujan Welfare Department at a date, time and venue decided by Other Backward Bahujan Welfare Department. The purpose of such presentations would be to allow the Bidders to present their proposed solutions to the Committee and orchestrate the key points in their Proposals.

4.2 Opening of Bids

- a. The Bids shall be opened by Department in presence of those Bidders or their representatives who may be present at the time of opening.

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- b. The representatives of the bidders should be advised to carry the identity card or a letter of authority from the bidder firms to identify that they are bona fide representatives of the bidder firm, for attending the opening of bid.
- c. The bid shall be opened in the following manner :
 - EOI document fee & EMD
 - Pre-Qualification bid
 - Technical bid
- d. The date and time for opening the Pre-qualification & Technical bid are mentioned in the EOI Datasheet.
- e. The Technical Bids of only those bidders shall be evaluated who clear the Pre-qualification stage.
- f. Other Backward Bahujan Welfare Department reserves the right at any time to postpone or cancel a scheduled bid opening without assigning any reason thereof.
- g. As a part of this EOI, only Technical information is expected, and no Financial / Commercial info are expected.

4.3 Clarification on Bids

During the bid evaluation, Other Backward Bahujan Welfare Department may at its discretion, ask the bidder for a clarification of its bid. The request for clarification and the response shall be in writing, and no change in the price or substance of the bid shall be sought, offered, or permitted. Other Backward Bahujan Welfare Department is entitled to ask for clarifications as many times as possible from the bidders to the satisfaction of the Tender Evaluation committee.

4.4 Evaluation Process

Department shall constitute a Tender Evaluation Committee (TEC) / Project Implementation Committee (PIC) to evaluate the responses of the bidders. The Tender Evaluation Committee shall evaluate the responses to the EOI and all supporting documents/documentary evidence. Inability to submit requisite supporting documents/documentary evidence by bidders may lead to rejection of their bids.

The decision of the TEC / PIC in the evaluation of bids shall be final. No correspondence shall be entertained outside the process of evaluation with the Committee. The Tender Evaluation Committee may ask for meetings or presentation with the Bidders to seek clarifications or conformations on their bids.

The TEC / PIC reserves the right to reject any or all bids. Each of the responses shall be evaluated as per the criteria and requirements specified in this EOI.

The TEC / PIC shall evaluate all the Technical Bids opened during TQ evaluation and shortlist the Bidders for further process. **The Shortlisted Bidders, who meet all the eligibility criteria as well as qualify in technical round, will be declared as shortlisted for next stage of bidding i.e. RFQ/Tender Stage.** The department will notify in writing that the successful Bidder's EOI has been accepted, and also intimate the further course of action.

The steps for evaluation are as follows:

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4.4.1 Stage 1: Pre-Qualification

- a. Department shall validate “EOI Document fee & Earnest Money Deposit (EMD)”
- b. If the contents of are as per requirements, Department shall open the “Pre-Qualification Bid”. In case, the Bidder does not meet any one of the conditions, the bidder shall be disqualified.
- c. Bidders would be informed of their qualification / disqualification based on the Pre-Qualification criteria and subsequently, the EMD amount shall be returned to the respective disqualified Bidders after the submission of Performance Bank Guarantee by the successful Bidder
- d. Bidders are expected to qualify all the pre-qualification criteria
- e. All bids that comply with the Pre-Qualification criteria only shall be considered for Technical Evaluation

4.4.2 Stage 2: Technical Evaluation

- a. “Technical bid” shall be evaluated only for the bidders who get qualified in Pre-Qualification
- b. Department shall review the technical bids of the short-listed bidders to determine whether the technical bids are substantially responsive. Bids that are not substantially responsive are liable to be disqualified at Department’s discretion
- c. The bidders' technical solutions proposed in the bid document shall be evaluated as per the requirements and technical evaluation framework specified in the EOI
- d. Bidders shall be required to make the detailed presentation, as part of the Technical Evaluation Framework specified in the EOI
- e. The scoring on technical bid shall be done based on the Technical Evaluation Framework defined in this EOI

4.4.3 Stage 3: Shortlisting of Bidders

- a. The Department shall open all the qualified Technical Bids post evaluation during Stage 2.
- b. The Department shall finalize the shortlisted Bidders, post Technical Evaluation.
- c. All the shortlisted Bidders shall be called upon to response a limited Request for Quotation (RFQ) later will be released by the Department.**
- d. The bidders, who didn't participate in the EOI, shall not be allowed to participate in RFQ.**
- e. The department will notify in writing that the shortlisted Bidder's EOI has been accepted, and also intimate the further course of action.

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4.5 Pre-Qualification Criteria

Sr No	Pre-Qualification Criteria	Documents to be submitted
1	The Sole Bidder or, in case of Consortium, the Lead Bidder and Consortium Member should be a company, registered under the Companies Act, 1956 / 2013 or Limited Liability Partnership Firm registered under Limited Liability Partnership Firm Act 2008 or any amendments thereafter or a Proprietorship firm or Public Sector Undertaking (PSU) by Govt. of India or by Maharashtra state	<ul style="list-style-type: none"> • Certificate of Incorporation / Partnership deed • GST Registration Certificate, also attach Annexure-3
2	The Sole Bidder or, in case of Consortium, the Lead Bidder must have an annual average turnover of minimum Rs. 100 Cr during the last three financial years	Certificate from the CA along with extracts from the audited balance sheet and profit & loss for last three financial years , Annexure -15
3	The Sole Bidder or, in case of Consortium, the Lead Bidder or Consortium Member should have an average annual turnover from IT/ITES/ICT/Telecom/Data Centre/System Integration Services/Networking/e-Governance/Surveillance of at least INR. 80 Crores during the last 3 financial years	Certificate from the CA along with extracts from the audited balance sheet and profit & loss for last three financial years , Annexure -15
4	The Sole Bidder or, in case of Consortium, the Lead Bidder or Consortium Member should have positive net worth in each of the last 3 financial years	Certificate from the CA along with extracts from the audited balance sheet and profit & loss for last three financial years , Annexure -15
5	The Sole Bidder or, in case of Consortium, the Lead Bidder or Consortium Member should have a functional office in Maharashtra	<p>Sale deed / rent agreement / any other address proof</p> <p>In case of non-availability of office, a self-declaration must be submitted by the Bidder for establishment office within 45 days from receipt of PO</p>
6	The Sole Bidder or, in case of Consortium, the Lead Bidder and Consortium Member must not have been blacklisted for fraudulent practices by any of its clients, Central Government / State Government / UT Government / Government Undertakings / University/ Educational Institutions / Government Bodies / PSUs in India, as on the date of submission of the bid	As per the Annexure -6, of this document and to be counter signed by Bidder's signing authority
7	The Sole Bidder or, in case of Consortium, the Lead Bidder or Consortium Member should have similar* experience in India related to IT / ICT Education Government projects in last five years, as on bid submission date	Work Orders / Letter of Intent / Signed Contract / Go-live Certificate / Client Completion Certificate / Self declaration of work-in-progress or completion as per prescribed Form of Annexure-5
8	<p>The Sole Bidder or, in case of Consortium, the Lead Bidder or Consortium Member should have any one of the below certifications:</p> <ul style="list-style-type: none"> • ISO/IEC 20000 certification • ISO 9001 certification • ISO 27001 Certification • CMMI Level 3 Certification or better 	Copy of Certificate(s)

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4.6 Technical Evaluation Framework

The Bidder's technical solution proposed in the Technical Evaluation bid shall be evaluated as per the evaluation criteria in the following table:

4.6.1 Technical Bid Criteria & Evaluation

S. No.	Technical Evaluation Criteria	Methods of allotting marks			Supporting Docs
1	The Sole Bidder or, in case of Consortium, the Lead Bidder must have an annual average turnover of minimum Rs. 100 Cr during the last three financial years	SN	Bidder having annual average turnover	Allotment of Marks	Certificate from the CA along with extracts from the audited balance sheet and profit & loss for last three financial years Annexure-15
		1	>500 Cr.	15	
		2	=>250 to <500 Cr.	10	
		3	=>100 to <250 Cr.	5	
2	The Sole Bidder or, in case of Consortium, the Lead Bidder should have positive net worth in each of the last 3 financial years	SN	Bidder having average Net Worth for last 3 financial years	Allotment of Marks	Certificate from the CA for last three financial years, Annexure-15
		1	>= 20 Cr.	5	
		2	>= 5 Cr. but < 20 Cr.	3	
		3	>= 1 Cr. but < 5 Cr.	1	
3	The Sole Bidder or, in case of Consortium, the Lead Bidder or Consortium Bidder should have project(s) in India in similar* IT / ICT Education projects in last five years	SN	Bidder having experience of no. of classrooms / labs	Allotment of Marks	Work Orders / Letter of Intent / Signed Contract / Go-live Certificate / Client Completion Certificate / Self declaration of work-in-progress or completion as per prescribed Form of, Annexure-5
		1	>= 500	10	
		2	>= 300 but < 500	7	
		3	>= 80 but < 300	5	
4	The OEM of Interactive products must have experience of supplying interactive teaching product / technology at least in 3 large projects with min. Order Qty of 1000 units (in each project PO) in Govt. Schools / Colleges in last five years.	SN	OEM having experience of no. of projects	Allotment of Marks	Work Orders / Letter of Intent / Signed Contract / Go-live Certificate / Client Completion Certificate / Self declaration of work-in-progress or completion as per prescribed Form in of Annexure , format in Annexure -16
		1	5 projects or more	10	
		2	4 projects	7	
		3	3 projects	5	
5	The OEM should have executed direct order of 500 Nos of UPS Systems capacity of 2 kVA or more in a single PO of Govt Education, during the last 5 financial year.	SN	OEM having experience of no. of UPSs deployed in as single PO	Allotment of Marks	Work Orders / Letter of Intent / Signed Contract / Go-live Certificate / Client Completion Certificate / Self declaration of work-in-progress or completion as per prescribed Form Annexure, Annexure-16
		1	>= 700	10	
		2	>= 600 but < 700	7	
		3	>= 500 but < 600	5	
6	The Sole Bidder or, in case of Consortium, the Lead Bidder or Consortium Bidder should have any one of the below certifications: • ISO/IEC 20000 certification • ISO 9001 certification • ISO 27001 Certification • CMMI Level 3 Certification	SN	No. of certificates	Allotment of Marks	Copy of Certificate(s)
		1	More than 1 certifications + CMMI Level 3 certificate	5	
		2	Any 1 certification	2	
7	The Sole Bidder or, in case of Consortium, the Lead Bidder	SN	Amount of Solvency Certificate in INR	Allotment of Marks	Solvency Certificate from a Bank or Government Agency, as per prescribed

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S. No.	Technical Evaluation Criteria	Methods of allotting marks			Supporting Docs
	should provide Solvency Certificate from a Bank or Government Agency	1	≥ 100 Cr.	5	Annexure-14
		2	≥ 10 Cr. but < 50 Cr.	2	
8	Technical Presentation: <ul style="list-style-type: none"> • Demonstrated level of understanding of the scope of work and all aspects of the project- 10 marks • Approach & Methodology for Implementation - Solution considering remote school challenges - 10 marks • Project implementation Plan / Risk Mitigation Plan / Strategy-10 marks • Operations and maintenance plan - 10 marks 	1	Detailed technical proposal following up with a technical presentation (if called)	40	
Total Marks				100	

Note:

1. It is mandatory to submit the specified documents in support of the above eligibility criteria (pre-qualification & technical qualifications)
2. In this EOI, maximum 1 consortium member is allowed, i.e. 1 Lead Bidder + 1 Consortium Bidder
3. Similar* experience in the above eligibility criteria (pre-qualification & technical qualifications) defines to be projects undertaken in any Govt. Schools / Colleges / Educational Centers by any Govt. / PSU / Private organizations in Smart Classroom / Digital Classroom / Smart School / Virtual Classroom / ERP / LMS in Educational institutions / Interactive Boards / IT / ICT projects..
4. **Important:** Qualification criteria for technical evaluation and progression to next stage.
 - Minimum 70% marks of the overall technical score
5. Department reserves the right to check/validate the authenticity of the information provided in the Pre-qualification and Technical Evaluation criteria and the requisite support must be provided by the Bidder.
6. The technical qualification summary is required to be filled and submitted as part of EOI response

5 Scope of Work

The scope of work necessarily, but not exclusively includes the following activities:

5.1 Project Activities

5.1.1 Site Survey

- i. The successful bidder is expected to do a site survey of the schools to identify the classrooms, and understand other site feasibility at schools
- ii. The department shall provide all the required support along with SPOCs for easy coordination, project implementation and sign-off from the schools
- iii. The department shall also assist the bidder in finalizing the list of software and its content
- iv. After feasibility study, the bidder is expected to submit Site Survey report, and the department shall provide sign-off for further activities

5.1.2 Hardware & Software Delivery

- i. The equipment and devices under this contract shall be supplied by SI/bidder at each school location.
- ii. Once supplied all the hardware equipment's and peripheral, the Department should confirm the room for setting up Digital Classroom from school authorities.
- iii. Once agreed upon by Other Backward Bahujan Welfare Department, the successful bidder shall deliver the hardware and software against the digital classroom setup
- iv. OBCBK department shall provide the internet connectivity wherever Bharatnet/ Mahanet or any other government sponsored good speed is present, if not successful Bidder shall provide all the requisite hardware at classrooms, and shall provide Network Connectivity, with additional charges as applicable.
- v. Shall procure, install and commission the Infrastructure for digital Classroom setup
- vi. First should complete all UPS setup and electrification at schools
- vii. After that should install all the hardware components like Interactive display, audio system, etc.
- viii. After finishing installation, the SI should do function testing and obtain installation/execution certificate or system-generated test results for all schools
- ix. For software deployment/delivery cloud hosting and deployment should be done by SI/bidder
- x. Login credentials should be provided to higher authorities (admin) to initiate utilization of TLMS software.

5.1.3 Hardware & Software Commissioning

- i. All hardware warranty shall start only after commissioning the Digital Classroom in all schools.
- ii. Testing and commissioning of all the hardware and software should be followed by installation/execution certificate obtained from all the schools.
- iii. The different tools mentioned along with digital classroom like offline content, facial recognition based attendance system, supplementary content, English learning tool, etc. can be pre-installed by bidder before supply of interactive display or can install later after setting up digital classroom setup.

5.1.4 Training

- i. To efficiently operate the developed “Digital Classroom and Software” the department will required enhancing the capability of the teachers on each location of school
- ii. The successful bidder shall work on capacity building of faculties for basic IT usage against the digital classroom components
- iii. Training pertaining to the establishment of connectivity between various digital classrooms is to be provided along with basic classroom management
- iv. User manuals with respect to teachers, students and operation staff should be provided against the components of digital classroom
- v. Training against the frequently or rare encountered technical issues with hardware, digital classroom infrastructure whereas software applications integrated to be deployed with easy methods of troubleshooting
- vi. The training should be conducted online in single/multiple batches through video conferencing/webinars
- vii. One primary training and refresher training after 6 months should be provided by SI/bidder to faculties/teachers from each school through video conferencing/webinars
- viii. The training & handholding exercise shall include on the technical know-how in the use of Interactive display, audio system, facial recognition, English leaning tool, content, etc. along with basic troubleshooting
- ix. Necessary training material inform of user manuals, video tutorials should be provided to the participants
- x. The SI shall prepare softcopy of the Training Materials and share with the Department for teachers day-to-day references
- xi. The Department shall sign-off on successful delivery of training and training manuals

5.1.5 Go-Live

- i. Hardware & software delivery and commissioning should be completed by SI/bidder before the go live date approved by department
- ii. On successful delivery, commissioning and training at all the schools, the Department can declare Go-live of the project. In case of requirements, the Department may plan for Go-live in phases
- iii. The Department shall provide a Go-live certificate to the SI

5.1.6 Operations & Maintenance

- i. Successful Bidder shall also provide complete operation & maintenance support for all supplied hardware and software other components as outlined in this EOI for a period of 5 years from the date of Go-Live
- ii. For operation and maintenance SI/bidder should provide a fixed contact number for support along with online ticketing system
- iii. For supports teachers can call on the support number or raise ticket against the issue
- iv. The support & ticket system log and reports should be generated / provided to department on regular basis

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5.1.7 Project & Manpower

To support the Operations & Maintenance period, resource personnel are required for supporting the project. The bidder shall ensure that functional support staff to be deployed for providing the IT handholding and managing the support services, as and when needed.

Resource	Count	Roles and responsibilities	Qualification
Project Manager	1	Single point of contact for all project related issues during the contract tenure and responsible for completion of project and coordination with various stakeholders	Should be MBA with having more than 6 years of experience in system integration
Field engineer	As per requirement	Responsible for maintenance/ repairing of all hardware, software and Network related issues. Also, able to provide the handholding support to the end user as and when required.	Minimum 12 th qualification with computer hardware and networking diploma from any reputed institute
Helpdesk executive	As per requirement	Single point of contact for flagging all hardware, software, Network related issue may face during O&M phase and provide a system generated call log number to the complainant over SMS and e-mail. Also keep the records of call closed date.	Should be Minimum graduate with 3 years of experience in relevant field Or Should be Minimum diploma with 5 years of experience in relevant field
Application Engineer	1/per Studio	Centralized support for LMS, and VC features	Should be Minimum graduate with 3 years of experience in relevant field / IT support Or Should be Minimum diploma with 5 years of experience in relevant field / IT support

5.2 Digital Classroom

5.2.1 Hardware

- Interactive Display
The Interactive Touch Displays are the latest interactive teaching tools for the modern, connected, interactive classroom it allows the teacher to create and show any content on the screen to the class from their computer. With a high resolution and low glare image, even the smallest of text is easy to read on the Display. Multi-touch allows the teacher to control and annotate over any application that is running on their PC, Android (Miracast) directly from the screen.
- Audio System
Digital Classroom Audio system is used effectively to enhance listening and learning environments, which helps to provide a high level of speech intelligibility and to evenly distribute sound throughout the classroom for every student, providing students with enhanced speech recognition and, therefore, much improved opportunity to learn
- Online UPS
An online UPS uses a "double conversion" method of accepting AC input, rectifying to DC for passing through the rechargeable battery (or battery strings), then inverting

back to 120 V/230 V AC for powering the protected equipment providing seamless uninterrupted power supply to digital classrooms.

- Cabinet for Hardware Devices
The cabinets should be supporting and projective case for all the hardware components protecting them from any external damage, should be designed in ergonomically for better placements of hardware devices.
- Electrification & Cabling
Multiple connections and switches will be required while setting up Digital Classroom considering the Display panel, UPS and all other hardware required proper placements of switched which should be managed by electrification and cabling. Electricity charges shall be paid by respective schools / department.

5.2.2 Tools

- Face Recognition based Attendance System

Touchless attendance system should be deployed at each school considering the current COVID-19 pandemic situation; the facial attendance system should be automation and should support passive identification of students/teachers to avoid false / proxy attendance.

- Syllabus based Offline Content

Should be light weight solution so that it can run on online and offline mode easily, the content should be illustrative, should able to manage MCQ based on syllabus topics, should support multiple role for different types of users like faculty (teacher), Principal (Admin), student etc., multilingual supporting Marathi and English, need to support online update when connected to internet, should have Dashboard feature showing actual utilization of the tool for Teaching and Learning, providing analysis MIS Dashboards for higher authorities (admin). Based on NEP 2020, there could be expected change in syllabus; hence respective content is expected to change. Any changes in the syllabus during the contract period will require the bidder to revise and redevelop the digital learning content as per these changes. Changes up to 10% in the syllabus during the project tenure should be part of Bidder's current scope of work. In case of any changes more than 10% in the syllabus will be considered under the Change Control Note (CCN) process. The Bidder is expected to provide / integrate external e-contents such as DIKSHA etc., whenever provisioned by the Department.

- e-STEM

E-STEM should address the integration of Science, Technology, Engineering, and Math Education to engage the students by providing an authentic problem solving methods.

User friendly application-based lab consist of vast digital material including science, Technology, engineering and Mathematics related videos and interactive content. It should be accessed through mobile, IFPs and desktops.

- Study Reference Materials

Such materials shall be aligned with district goals, curriculum objectives, and academic standards and shall supplement and not supplant the use of Board-adopted basic instructional materials that serve as the primary learning resources

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The supplementary content application should include all types of educational content in one integrated platform for best and regular use by teachers and students. The Supplementary Reference Material should to enrich the curriculum and enhance student learning. With the availability of Tablets / Mobiles / Laptops / PCs at schools in future, the Bidder should provide additional licenses for the same tool.

- English Language Learning Tool

The tool is planned to increase proficiency level of students in communicative skills of the English language. The tools should provide teaching material in enhancing students learners' Speaking and Listening Skills. Students listening and speaking skills should be imparted both through ILT and CBT by English Learning Tool. It should support regular practice for students. With the availability of Tablets / Mobiles / Laptops / PCs at schools in future, the Bidder should provide additional licenses for the same tool.

- Other solutions

The Department is in plan to explore 'Robotics Kit' and 'TabLab' solutions as a part of this EOI.

5.3 Studio

To extend the reach of quality education to remote and rural areas, it is essential that they too can have access to knowledge delivered by experts, guest faculties. The Department shall provide Studios to the bidder. The bidder shall plan for coordination with existing Studios & its service provider, provided by the Department, for successful lecture delivery to schools.

5.4 Network Connectivity

For synchronous sessions and seamless streaming, the receiver-end (Classrooms) shall have projection facility, seating arrangement, and communication equipment arrangements with network connectivity. Web-based Platform should be provided for online delivery of e-contents and live lectures as well as broadcasting from studio to digital classrooms.

OBCBK department shall provide the internet connectivity wherever Bharatnet/ Mahanet or any other government sponsored good speed is present, if not successful Bidder shall provide all the requisite hardware at classrooms, and shall provide Network Connectivity, with additional charges as applicable.

5.5 Helpdesk Support

The help desk service will serve as a single point of contact for all incidents, services and requests. The service will provide a Single Point of Contact (SPOC) and escalation closure of incidents for Other Backward Bahujan Welfare Department. The Help desk services would be for Infrastructure Facility Management supplied and installed as part of this EOI. Helpdesk services shall also be used for Application support across all the user base of Other Backward Bahujan Welfare Department.

Bidder to provision a dedicated Helpdesk Support number for faculty and staff to support the Help desk operations of all Classrooms, and respective applications along with a 9 hours of operations support (9 AM to 6 PM) from Monday to Saturday only.

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Activities to be carried out at Helpdesk:

- Provide Help Desk facility during agreed service period window for reporting user department incidents / issues / problems with the Application related issues
- Provide necessary channels for reporting issues to the help desk. The incident reporting channels could be:
 - Telephone
 - Online Ticket Management Tool
- Implement a call logging system in line with the severity levels as per the SLAs
- The Help desk shall log user and assign an incident/ call ID number. Severity shall be assigned to each call as per the SLAs
- Creation of knowledge base on frequently asked questions to assist users in resolving basic issues themselves
- Track each incident / call to resolution
- Provide feedback to callers
- Analyse the call statistics
- Monitoring shall be done with the help of Helpdesk monitoring tools and system logs/counters and therefore the reports and alerts can be auto generated
- Escalate the calls, to the appropriate levels, if necessary, as per the escalation matrix agreed between the Bidder and Other Backward Bahujan Welfare Department
- Analyse the incident / call statistics and provide monthly reports including but not limited to:
- Type of incidents / calls logged
 - Incidents / calls resolved
 - Incidents / calls open
 - Root Cause analysis for frequently occurring incidents
- Help Desk facility shall be available during the working hours for reporting issues / problems related to hardware & applications
- Update concerned authority with complete and accurate system status
- Notify designated personnel of systems or equipment failures, or of an emergency, according to the Operational Documentation
- Maintain an updated on-line help-desk telephone number listing in the Escalation Matrix
- Call tracking and closure
- Provide detailed contact list of Help Desk Support to all users using system and receive log and dispatch or transfer calls
- Make the guidelines for prioritization of calls and escalation procedure for approval
- Prioritize problem calls as per the defined Severity Codes
- Perform problem analysis and identify the problems and arrange support for resolution of problem
- Intimate concerned authority of all the emergencies
- Maintain the escalation procedure and notify the concerned person(s) as per the contact list provided by the Other Backward Bahujan Welfare Department
- Provide monthly reports on calls handled by Helpdesk
- Provide SLA calculations basis on the call logs and take a sign off from Other Backward Bahujan Welfare Department on SLA as and when required

5.6 TLMS (Teaching Learning Management System)

Teaching and Learning Management System (TLMS) should be a cloud based software application facilitating the modules and features to automate the overall process followed for academy management at schools. TLMS should be flexible for integration with the third party applications and connected services like attendance management. The different daily activities carried out by teacher

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should be automated through various modules of the system for e.g., timetable, lecture management, assessment, attendance, scale up of students etc. The TLMS application should be developed and delivered at every school having internet facility or the school setting up internet facility during complete tenure of project. The functional and specification requirements for the below-mentioned items can be found in Annexure 4.

The TLMS necessarily, but not exclusively includes the following modules:

- User Management
- School Management
- School Academic Management
- Student Enrolment
- Syllabus Management
- Time table Management
- Lecture Management
- Student Attendance Management
- Homework/Assignment
- Understanding Test
- Scale Up Management
- Audit Management
- Performance Management
- Alumni Management
- Holiday Management
- Reports

5.7 Cloud Solution

The cloud infrastructure required of the TLMS and other application/tools should be designed and procured by the bidder/SI, Bidder shall be responsible to implement and manage the cloud services for all the schools.

Bidder shall be responsible to implement and manage the cloud services with the Cloud Service Provider (CSP). All the requirements/scope of work mentioned in this section shall be the responsibility of the Bidder.

The Bidder is required to prepare cloud architecture, the details of methodologies & computations for sizing & capacity of storage, compute, backup, network and security.

This infrastructure should be able to start with the initial requirements for schools having internet facility and should be scalable for all the schools to meet the long-term requirements of the program.

The administration, operations and maintenance of the hosting infrastructure for project will be carried out by SI/Bidder.

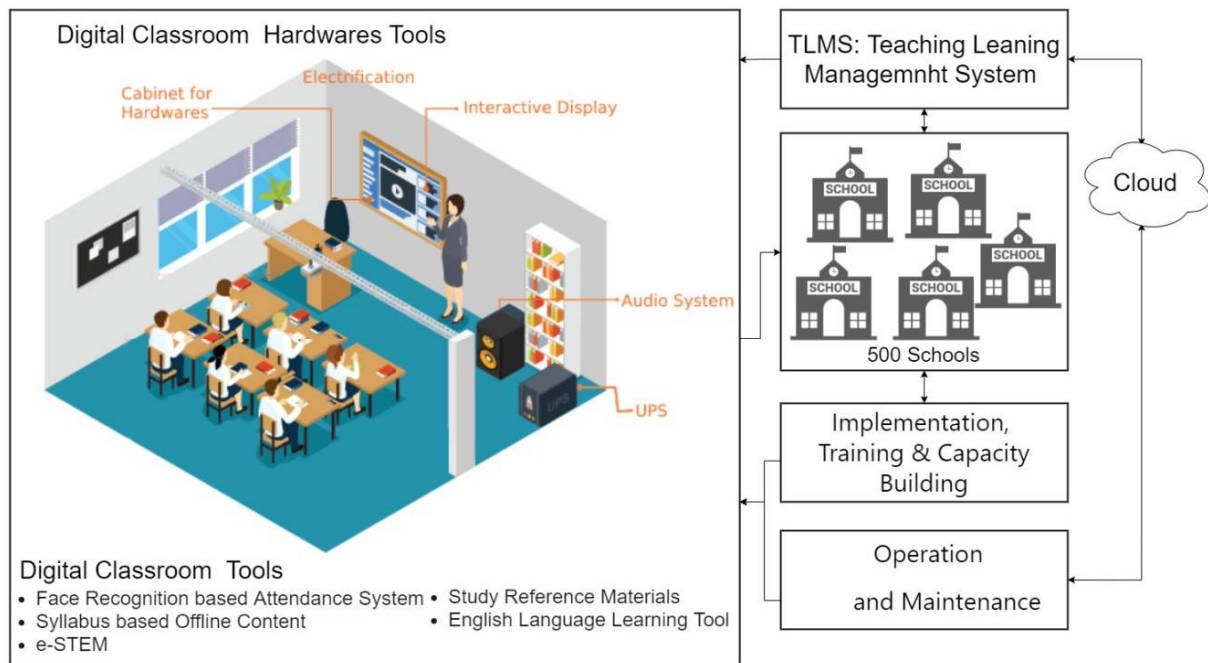
The initial sizing & provisioning of the underlying infrastructure (including the system software and bandwidth) is done for current requirements defined by SI/Bidder based on site surveys; subsequently, it is expected that the Bidder along with the CSP, based on the growth in the user load (peak and non-peak periods; year-on year increase), will scale up or scale down the compute, memory, storage, and bandwidth requirements to support the scalability and performance requirements of the software applications designed and developed as per scope.

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Bidder shall provide interoperability support with regards to available APIs, data portability etc. for department to utilize in case of:

- Change of Cloud Service Provider
- Migration back to in-house infrastructure
- Burst to a different cloud service provider for a short duration, or
- Availing backup services from a different service provider

The Bidder through CSP shall configure, schedule and manage backups of all the data including but not limited to files, folders, images, system state, databases and enterprise applications.



6 Project Timelines & Payment Schedule

6.1 Timelines

Sr	Initiate Project	M1	M2	M3	M4	M5	M6	M7
1	System Study & Project Plan							
2	Site Survey							
3	Software Procurements and Customization							
4	Hardware & Software Delivery & Commissioning							
5	Testing							
6	Training & Hand Holding							
7	Go Live							

Note:

1. Operations & Maintenance: Project is envisaged for 5 years of O&M phase post Go-live

7 Annexure 1 – Format for Pre-Bid Queries

Bidder shall submit all pre-bid queries, on time as excel sheet in the following format to ajit.jagtap@nic.in.

Name of Person(s) Representing the SYSTEM INTEGRATOR:

Name of Person	Designation	Email-ID(s)	Mobile No.	Tel. Nos. & Fax Nos.

S. No	EOI Document Reference (s) (Page Number and Section Number)	Content of EOI Requiring Clarification	Points of Clarification
1.			
2.			
3.			

8 Annexure 2 – Formats for Submission of the Pre-Qualification Bid

8.1 Pre-qualification bid checklist

Sl #	Checklist Items	Compliance (Yes or No)
1.	Tender Fee	
2.	Earnest Money Deposit-Annexure 4	
3.	Company Profile- Annexure 3	
4.	Declaration of Non-Blacklisting-Annexure 6	
5.	Bidder's Experience – Client Citation-Annexure 5	
6.	Solvency Certificate-Annexure 14	
7.	Turnover/ Revenue certificate by CA- Annexure -15	
8.	Power of Attorney – Annexure 7	

- Attach relevant documents in same section as applicable, in bid response

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8.2 Annexure 3- Company Profile

Sl. No.	Particulars	Description or Details
1.	Name of Bidder	
2.	Registered office address	
3.	Incorporation date and number	
4.	GST number	
5.	PAN details	
6.	Primary Contact Person (Name, Designation, address, mobile number, fax, email)	
7.	Secondary Contact Person (Name, Designation, address, mobile number, fax, email)	

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8.3 Annexure 4-Format for Earnest Money Deposit (EMD) Declaration

To,

The Additional Chief Secretary,

Other Backward Bahujan Welfare Department, Mantralaya, Annex Building 1st Floor, Hutatma
Rajguru Chowk, Madam Cama Road, Mantralaya, Mumbai-400032

I, hereby submit a declaration that the tender submitted by the undersigned, on behalf of the Bidder (Name of the Bidder), shall not be withdrawn or modified during the period of validity or extended period of validity for this **EOI for Shortlisting of System Integrators for Digitalization of OBCBK Ashram Schools for Maintaining Quality and Continuity in Education**.

I, on behalf of the Bidder (Name of the Bidder), also accept the fact that in case, our submitted bid is withdrawn or modified during the period of its validity / extended validity period or if we fail to sign the contract in case the contract is awarded to us or we fail to submit a Performance Security, before the deadline fixed in the Tender Document, then (Name of the Bidder) shall get disqualified from the Tender without further justification from the Department.

(Signature of the Lead Bidder/ Authorised person)

Printed Name

Designation

Seal

Date:

Place:

Business Address:

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8.4 Annexure 5-Bidder's Experience - Client Citations

(To be provided on the Company letterhead by the bidder, to be submitted separately for each project, attach the work order/ PO/ project completion certificate/ Letter of Acceptance/ Signed Contract / Go-live Certificate / Client Completion Certificate / Self declaration)

Name of the Project & Location	
Client's Name and Complete Address	
Narrative description of project	
Contract Value for the bidder (in INR)	
Date of Start	
Date of Completion	
Activities undertaken by bidder	

Details according to Technical Criteria to be provided for each project:

a) The Sole Bidder or, in case of Consortium, the Lead Bidder or Consortium Bidder have project(s) in India in similar* IT / ICT Education projects in last five years in number of digital classrooms/ Labs :_____

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8.5 Annexure 6- Declaration of Non-Blacklisting

(To be provided on the Company letterhead of the bidder)

Place:

Date:

To,

The Additional Chief Secretary,

Other Backward Bahujan Welfare Department, Mantralaya, Annex Building 1st Floor, Hutatma
Rajguru Chowk, Madam Cama Road, Mantralaya, Mumbai-400032

**Subject: Self Declaration of not been blacklisted in response to the EOI for Shortlisting of
System Integrators for Digitalization of OBCBK Ashram Schools for Maintaining Quality and
Continuity in Education Ref: EOI No. <<.....>> dated <<>>**

Dear Sir,

We confirm that our company or firm, _____, is not blacklisted in last 3 years any manner
whatsoever by any of the State or UT and or Central Government in India on any ground including but
not limited to indulgence in corrupt practice, fraudulent practice, coercive practice, undesirable
practice or restrictive practice.

(Signature of the Lead Bidder)

Printed Name

Designation

Seal

Date:

Place:

Business Address:

8.6 Annexure 7- Format for Power of Attorney to Authorize Signatory

(To be provided on the Company letterhead of the bidder)

POWER OF ATTORNEY

We, M/s. _____ (name of the firm or company with address of the registered office) hereby constitute, appoint and authorise Mr. or Ms. _____ (Name and residential address) who is presently employed with us and holding the position of _____, as our Attorney to do in our name and our behalf all or any of the acts, deeds or things necessary or incidental to our EOI / RFQ / RFP for the Project _____ (name of the Project), including signing and submission of the EOI response, participating in the meetings, responding to queries, submission of information or documents and generally to represent us in all the dealings with Client or any other Government Agency or any person, in connection with the works until culmination of the process of bidding till the Project Agreement is entered into with _____ (Client) and thereafter till the expiry of the Project Agreement.

We hereby agree to ratify all acts, deeds and things lawfully done by our said Attorney pursuant to this power of attorney and that all acts, deeds and things done by our aforesaid Attorney shall and shall always be deemed to have been done by us.

<Add in the case of a Consortium>

Our firm is a Member or Lead bidder of the Consortium of _____ and _____.

Dated this the _____ day of _____ 2021

(Signature and Name of authorized signatory)

(Signature and Name of all the remaining partners of the firm Signatory for the Company)

Seal of firm Company

Notes:

- a. *To be executed by all the members individually.*
- b. *The Mode of execution of the power of attorney should be in accordance with the procedure, if any laid down by the applicable law and the charter documents of the executant(s) and when it is so required the same should be under common seal affixed in accordance with the required procedure.*

9 Annexure 8 – Formats for Submission of the Technical Bid

9.1 Technical Bid Check-List

SI #	Checklist Items	Compliance (Yes or No)	Page No. and Section No. in bid
1.	Technical Bid Covering Letter- Annexure 9		
2.	Compliance to Requirement (Technical / Functional Specifications) on the respective OEM Letterhead – Annexure 13 for maintenance and support		
3.	CMMI/ISO certificates Annexure-16		
4.	Unpriced Bill of Material Annexure-12		
5.	Technical qualification summary as per Annexure 16, format in EOI document		
6.	OEM experience certificates as per Technical Criteria for interactive products and UPS number of installations (self-certificate/ OEM letter head)		
7.	Credential summary- Annexure 10		

- Attach relevant documents in same section as applicable, in bid response

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9.2 Annexure 9- Technical Bid Covering Letter

(To be provided on the Company letterhead by the bidder)

Date: dd/mm/yyyy

To,

The Additional Chief Secretary,

Other Backward Bahujan Welfare Department, Mantralaya, Annex Building 1st Floor, Hutatma
Rajguru Chowk, Madam Cama Road, Mantralaya, Mumbai-400032

**Subject: EOI for Shortlisting of System Integrators for Digitalization of OBCBK Ashram
Schools for Maintaining Quality and Continuity in Education**

Ref: EOI No. <<.....>> dated <<>>

Dear Sir,

I, having read and examined in detail all the bidding documents in respect of “**EOI for Shortlisting of System Integrators for Digitalization of OBCBK Ashram Schools for Maintaining Quality and Continuity in Education**” do hereby propose to provide our services as specified in the bid submitted by us.

It is hereby confirmed that I am entitled to act on behalf of our company / corporation / firm / organization and empowered to sign this document as well as such other documents, which may be required in this connection.

I declare that all the services shall be performed strictly in accordance with the EOI documents.

I confirm that the information contained in this response or any part thereof, including its exhibits, and other documents and instruments delivered or to be delivered to Other Backward Bahujan Welfare Department is true, accurate, verifiable and complete. This response includes all information necessary to ensure that the statements therein do not in whole or in part mislead the department in its evaluation process. We also confirm that we shall not attract conflict of interest in principle.

I hereby declare that our bid is made in good faith, without collusion or fraud and the information contained in the bid is true and correct to the best of our knowledge and belief.

I understand that our bid is binding on us and that you are not bound to accept a Bid you receive. This bid is valid for 180 days after opening of technical bid. We shall extend the validity of the bid if required by Department.

Thanking you,
Yours sincerely,

(Signature of the Lead Bidder/ Authorised person)

Printed Name
Designation

Seal

9.3 Annexure 10- Credential Summary*(To be provided on the Company letterhead by the bidder)*

SI #	Project Name	Client Name	Client Type	Project Value (in INR)	Project Components	Documentary evidence provided (Yes or No)	Project Status (Completed or On-going or Withheld)
1							
2							
3							
4							
5							
6							
7							

- *Client type – Indicate whether the client is Government or Private*
- *Project Components – Indicate the major project components*
- *Documentary evidence provided – Indicate the documentary evidence provided with the detailed project credential like work order or purchase order or completion certificate or letter of intent or self-declaration for on-going*
- *Project Status – Completed (date of project completion) or On-going (project start date)*

9.4 Annexure 11 -Project Plan

A **Detailed Project Plan** covering break-up of each phase into the key activities of implementation phase, and quarterly key activities during O&M phase.

Activity-wise Timelines							
Sl. No.	Item of Activity	Month wise Program					
		1	2	3	4	5	...
	Project Plan						
1	Activity 1						
1.1	Sub-Activity 1						
1.2	Sub-Activity 2						
2							
2.1							
2.2							
3							
3.1							
4							
<i>Note: The above activity chart is just for the purpose of illustration. Bidders are requested to provide detailed activity & phase wise timelines for executing the project with details of deliverables & milestones as per their bid.</i>							

9.5 Annexure 12 - Unprised Bill of Material

The bidder may add any additional line item (with adequate details) in the proposed BoM table below (towards the end of the table), that is envisaged by the bidder to fulfil the EOI requirements. Bidder shall not mention any price as part of bid response

#	Item Name	Unit	EOI Compliance (Yes / No)
	Hardware		
1	Camera	Nos.	
2	Audio System	Nos.	
3	Interactive Display (65") with OPS	Nos.	
4	Online UPS (2 KVA or more)	Nos.	
5	Cabinets for Hardware Devices	Nos.	
6	Site Preparation including Electrification & Cabling	Nos. (No. of Site)	
	Software		
1	Offline Content	Nos. (No. of licenses)	
2	Facial Biometric Attendance	Nos. (No. of licenses)	
3	E-Stem tool	Nos. (No. of licenses)	
4	Study Reference Materials	Nos. (No. of licenses)	
5	English Language Learning Tool	Nos. (No. of licenses)	
6	TLMS	Nos. (No. of licenses)	
7	Cloud Sol'n	Lump sum	
	Miscellaneous		
1	Project Implementation & Management	Lump sum	
2	Manpower for Schools	Lump sum	
3	Training Cost	Lump sum	
4	Helpdesk	Lump sum	
5	Insurance	Lump sum	
6	Project Operations & Management Cost - Year 1	Lump sum	
7	Project Operations & Management Cost - Year 2	Lump sum	
8	Project Operations & Management Cost - Year 3	Lump sum	
9	Project Operations & Management Cost - Year 4	Lump sum	
10	Project Operations & Management Cost - Year 5	Lump sum	
10	Additional Line Items	Lump sum	

Note:

* Bidder to explore 'Robotics Kit' and 'TabLab' concepts, and its benefits for students in schools, and should include as a part of its Technical Proposal.

9.6 Annexure 13 - Manufacturers' / Producers' Authorization Form

(To be provided by the respective OEMs on its letterhead and should be stamped & signed by OEM)

To,

Date:

The Additional Chief Secretary,

Other Backward Bahujan Welfare Department, Mantralaya, Annex Building 1st Floor, Hutatma
Rajguru Chowk, Madam Cama Road, Mantralaya, Mumbai-400032

Subject: Manufacturer's Authorization Form

Ref: EOI No. <<.....>> dated <<>>

Dear Sir,

We _____ (Name of the OEM) who are established and reputable manufacturers of _____
(List of Goods) do hereby authorize _____ (Name and address of the Bidder) to bid,
negotiate and conclude the contract with you against EOI No. _____ dated _____ for the
above goods manufactured or developed by us.

We hereby extend, our warranty and support in-line with this **EOI for Shortlisting of System Integrators for Digitalization of OBCBK Ashram Schools for Maintaining Quality and Continuity in Education** for the hardware & software goods supplied by us, and maintenance and support services for all our proposed products against this tender for the entire duration (implementation phase + 5 years of O&M) of the project by _____ (Name of the Bidder) as per requirements mentioned in this EOI.

We also confirm that all our products or technology quoted are neither end-of-sale nor end-of-life as on the date of installation and commissioning and are not end-of-support till the successful completion of O&M period of the project

Thanking you,
Yours faithfully,

(Signature)

For and on behalf of: _____ (Name of the OEM)

Authorised Signatory

Name:

Designation:

Place:

Date:

9.7 Annexure 14 - Solvency Certificate

FORM OF SOLVENCY CERTIFICATE FROM COMPETENT GOVERNMENT AUTHORITY / BANK

(To be printed on the letter head of competent government authority / bank)

To,

The Additional Chief Secretary,

Other Backward Bahujan Welfare Department, Mantralaya, Annex Building 1st Floor, Hutatma
Rajguru Chowk, Madam Cama Road, Mantralaya, Mumbai-400032

Dear Sir/Madam,

This is to certify that to the best of our knowledge and information that M/s.
_____ having registered office at _____, is respectable and
can be treated as good for engagement for the project on “Digitalization of OBCBK Ashram
Schools for Maintaining Quality and Continuity in Education” upto a limit of Rs.
_____ (Indian Rupees <in words> in words).

It is further clarified that this information is furnished without any risk and responsibility on
our part of the Bank or any of its officer in any respect whatsoever, more particularly as
guarantor or otherwise.

Yours faithfully,

(Signature of Authorized Signatory)

Name :

Designation :

Stamp / Seal of the Organisation

NOTES:

- 1) Bankers Certificate should be on letter head of the bank sealed addressed to the
buyer of this tender
- 2) In case of Partnership Firm, certificate should indicate names of all the partners as
recorded with the Bank.
- 3) The format may be customised as per the respective State Government / Bank's
regulations

9.8 Annexure 15- Certificate by CA for Revenue and Positive net worth

TO WHOM IT MAY CONCERN

This is to certify that the total annual turnover and other details of the sole bidder/
Lead bidder in case of consortium M/s. ,
Proprietorship/Partnership/Company/Society/HUF having registered office at
..... business during the last three financial years (in Rupees).

FY	Total Revenue in Cr	Total Revenue from IT/ITES/ICT/Telecom/Data Centre/System Integration Services/Networking/e- Governance/Surveillance in Cr	Total positive Net worth in Cr
2018-19			
2019-20			
2020-21			

The above figure has been certified on the basis of examination of books of accounts of the
above said firm produced before us by Sh./Smt. S/o or D/O _____
of M/s _____.

For

M/s.

Chartered Accountants

Signature

Name of Chartered Accountant

Membership No.

Seal/ Stamp

Date

9.9 Annexure 16 - Technical Qualification Summary on Bidders letterhead and duly signed for OEM experience

SI num	Technical Qualification	Response (with supporting documents)
1	Total Number of projects (with OEM) of Interactive products experience of supplying interactive teaching product / technology (large projects with min. Order Qty of 1000 units (in each project PO)) in Govt. Schools / Colleges in last five years. (Attach relevant documents in the same section as applicable)	Number of Projects _____ Number interactive Products in each project details _____
2	Total number of projects (with OEM) should have executed direct order of 500 Nos of UPS Systems capacity of 2 kVA or more in a single PO of Govt Education, during the last 5 financial year. (Attach relevant documents in the same section as applicable)	Number of Projects _____ Number of UPS system with capacity 2 KVA or more in each project details _____
3	The Sole Bidder or, in case of Consortium, the Lead Bidder or Consortium Bidder should have any one of the below (or better)certifications (valid as on bid submission date): <ul style="list-style-type: none"> • ISO/IEC 20000 certification • ISO 9001 certification • ISO 27001 Certification • CMMI Level 3 Certification (Attach relevant certificates in the same section as applicable)	List Certificate(s)

9.10 Annexure 17 – Functional & Technical Requirements Specifications

The bidder to ensure all compliances for the functional & technical requirement specifications of hardware are provided with compliance (Yes / No) and cross-reference from their respective data sheets or relevant online references in OEM Letterheads with desired OEM stamping and authorized signatory's signing.

9.11 Classroom Hardware Components:

9.11.1 Audio System

S. No.	Parameters	Specification	Compliance (Yes / No)	Cross Reference
1.	MICROPHONE:			
2.	MICROPHONE TYPE :	Dual PA Wireless microphone (VHF), Receiver operates on 12 Volt DC through an AC adaptor, along with Headband and Collar microphone operate on 3V (2 x 1.5V AA Pencil Cells)		
3.	RF Output Power :	upto 15mV (Max)		
4.	Element Type :	Cardioid (Handheld TX.), Condenser, Omnidirectional (Bodypack TX)		
5.	Signal to Noise Ratio	> 80dB		
6.	Frequency Response of receiver :	50 -15000 Hz		
7.	Interface :	Should be integrated with IDB/OPS through USB		
8.	Speakers With Amplifier			
9.	Speaker Type :	2-Way PA Wall Mount speaker		
10.	Power Rating Speaker :	30W RMS		
11.	SPL at 1kHz (1W/1m)	87dB		
12.	Frequency Response	75-20,000Hz		
13.	Speaker :	Woofer 100mm (4"), Tweeter 25mm (1")		
14.	Accessories with Speaker	'U' type bracket for convenient & firm mounting of the wall speaker		
15.	Impedance / Voltage	8Ω / 100V		
16.	Amplifier type:	PA Amplifier with MP3 player with USB reader		
17.	Power Output :	50W RMS at 10% THD		
18.	Output regulation	≤ 2 dB, no load to full load at 1kHz		
19.	Digital Player	MP3 Player with USB, SD, MMC Card Reader & Bluetooth		
20.	Input Channels :	3 x Mic 0.6mV/4.7k W, 1xAux 100mV/330kW		

S. No.	Parameters	Specification	Compliance (Yes / No)	Cross Reference
21.	Frequency Response	50-15,000Hz \pm 3dB		
22.	Power supply :	AC: 220-240V 50/60Hz, DC: 12V (12V Car Battery)		
23.	Power Consumption	AC: 90VA DC: 3.1A		
24.	Signal to Noise Ratio	55 dB		
25.	Interface :	Should be integrated with IDB/OPS/Mini Pc though USB		

9.11.2 Interactive Display with OPS:

S. No.	Parameters	Parameter	Specification	Compliance (Yes / No)	Cross Reference
1	Display	Active Screen Size	65"		
2		Resolution	3840*2160 4K		
3		Aspect Ratio	16:09		
4		Backlight type	D-LED		
5		Brightness (typ.)/(min)	450cd/m ² (typ.)		
6		Contrast Ratio	1200:01:00		
7		Viewing angle	178°		
8	Touch Systems	Touch Points	20		
9		Touch Tool	pen or finger		
10		Response Time	8ms		
11		Accuracy	\pm 1mm		
12		Minimum object size	1.6 mm		
13		Surface Hardness	4mm toughened glass with level 7 of Mohs Standard		
14	I/O ports for Interactive Display	HDMI IN 2.0	3		
15		USB ports	4		
16		Touch Out	2 (Touch USB type B)		
17		VGA In	1		
18		Audio In	1		
19		AV in	1		
20		Audio Out	1 (earphone out)		
21		RS232 IN	1		
22		LAN Ports	1		
23	Audio	Output Power	15W*2		

S. No.	Parameters	Parameter	Specification	Compliance (Yes / No)	Cross Reference
24	Android System	Android version	Android 8.0		
25		RAM	3GB		
26		ROM	32GB		
27	Power Consumption	Power Requirements	100-240V AC		
28		Standby Power	Stand-by Mode<0.5W		
29		Power Consumption	Maximum<220W		
30		Power Consumption Eco Mode	Eco<125W		
31	OPS/Mini PC	Processor	Intel Core i5		
32		RAM	8GB or above		
33		HDD/SSD	HDD 500GB or above		
34		OS	Windows 10		
35		Wi-Fi	Yes (Dual Band 2.4 & 5.0)		
36		Connectivity	HDMI (1), USB 2.0 x4, LAN, Audio in, Speaker out		
37	Certificate	BIS, FCC			
38	Security	Sliding Cabinet	Requisite physical cabinet with lock system		
39	Facial Biometric Attendance		Hardware and software		

9.11.3 Online UPS

S. No.	Parameter	Specification	Compliance (Yes / No)	Cross Reference
1.	Technology	True online double conversion technology UPS system with IGBT based rectifier / inverter		
2.	Capacity	2 KVA / 1600 Watts (or more)		
3.	Input Parameters:			
4.	Voltage	230 VAC, 1 Phase 3 Wire		
5.	Voltage Range	175 V to 300 VAC at full load, 120 V to 300 VAC at 0 to 60 % load		
6.	Frequency	50 / 60 Hz (40 to 70 Hz)		
7.	Power Factor at rated load	>=0.99 at full load		
8.	Current Harmonic Distortion	Less than 10% at full load and nominal input voltage		
9.	OVCD	Required (built-in)		
10.	Isolation Transformer	Required (built-in) at input side with air cooling fans		

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S. No.	Parameter	Specification	Compliance (Yes / No)	Cross Reference
11.	Output Parameters:			
12.	Voltage	220/230/240 VAC +/- 1%, 1 Phase		
13.	Frequency	50 Hz +/- 0.25 Hz (in Battery Mode) +/- 5% (in Sync)		
14.	THD v	< 3 % for Linear Load ; < 5 % for Non Linear Load		
15.	Overload rating	105 - 110% : 10 min		
		111 - 130% : 1min		
		131 - 150% : 3s		
16.	Output waveform	Pure Sinewave		
17.	Crest Factor	03:01		
18.	Power Factor	0.8 PF		
19.	Overall Efficiency	> 88 %		
20.	Inverter Efficiency	> 85%		
21.	Battery Parameters:			
22.	Type	12 V Sealed Maintenance Free Batteries VRLA		
23.	Make	Exide / Amararaja		
24.	End cell voltage	10.5 V per Battery		
25.	DC Voltage	72 VDC		
26.	Backup time	60 minutes @ Minimum 1000 watts load		
27.	VAH	min 1872 VAH		
28.	Battery Rack & Connectors	Powder coated battery rack / stand to be provided		
29.	Charger	Constant Current / Float Charging with Temperature Compensated		
30.	Charging Capacity	10 % of the Battery AH Capacity		
31.	Transfer time	0 ms		
32.	Other Features:			
33.	Static Bypass	inbuilt		
34.	Transfer time	< 4 ms in Sync Mode		
35.		Bypass parameter configurable via front panel		
36.	Other Features:			

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S. No.	Parameter	Specification	Compliance (Yes / No)	Cross Reference
37.	LCD Display	Input Voltage, Frequency		
38.		Output Voltage, Frequency, Load level		
39.		Battery Voltage, Level in %, Remaining backup time		
40.		Fault Information		
41.		MIMIC Information		
42.	Protection	Input High / Low, Over Load, Short Circuit, Over Temperature, Battery Over Charge, Surge Protection		
43.		OVCD Should be Inbuilt		
44.	Audible Alarm	Battery Mode, Low Battery, Fault, Over Load, Bypass Mode		
45.	Cold Start	Required		
46.	Auto Restart	Required		
47.	Intelligent Fan Operation	Required		
48.	Generator Compatibility	Required		
49.	Features should be available	ECO Mode, CVCF, 200 / 208 VAC Output		
50.	Connections	Input : Terminal ; Output : 6 Nos 6 A Indian Socket ; Battery : ANEN 2 Poles connector		
51.	Communication Port	RS 232 & USB		
52.	SNMP	Provision should be available		
53.	Noise Level	< 50 dB at 1 meter distance		
54.	Operating Temperature	0 to 40 Deg C, for 50 Deg C - 20 % derates on UPS Capacity		
55.	Humidity	upto 95 % RH Non Condensing		
56.	Altitude	< 1000 meters		
57.	Manufacturer	ISO 19001 :2015, ISO 14001 :2015		
58.	Test Report / Certificate	CE (Safety : IEC / EN 62040-1 & EMI / EMC : IEC / EN 62040-2)		
59.		BIS: IS 16242 Part 1: 2014 (Manufacturing address of offered model should be in India - Refer Make in India policy) BIS Certificate to be submitted for proposed model with Inbuilt Isolation transformer		
60.		Proposed Model Should be PeP Certified and Certificate to be submitted mandatory		

S. No.	Parameter	Specification	Compliance (Yes / No)	Cross Reference
61.		Performance test report from any Central Gov. Lab / NABL Approved Lab to be submitted		
62.	Warranty	5 years on both UPS and Batteries, Mandatory Battery replacement (one time) to be done on 3rd year.		
63.	Security	Requisite physical cabinet/Rack		
64.	User Manual	User Manual to be provided for Proposed model		

9.12 Classroom Software Components:

9.12.1 Offline Content

S. No.	Technical Specification	Compliance (Yes / No)
1.	The learning content shall be exhaustive with respect to Maharashtra state board syllabus Marathi and English medium for Std 1 to Std 12.	
2.	The e-Learning content should available in offline mode through e-Learning platform for access to teachers.	
3.	The e-Learning Content should be simple, comprehensive, learner centric & easy to use user interface, based on Graphical Interpretations & Windows and Android Architecture.	
4.	e-Learning content should meet all academic objectives & Learning Outcomes, having facilities whereby, teacher can stop the content at any point of time & restart after pause from the same topic, 2-3 different learning approaches, clearly represented structured & accurate, accessible with good response time, innovative, flow of logic, clarity, relevance of voice over, assessments and examples.	
5.	Easily measurable:-usage of software can be tracked by the user	
6.	e-Learning platform should have facility to play multimedia & videos in one platform.	
7.	Software updation shall be provided for 05 years.	
8.	Concepts should be in a Layered Structure and Hierarchical format	
9.	It should help students in establishing a clear connection between Textbook and Digital Content	
10.	The voice of Male and Female experts should be available in Indian accent.	
11.	Short animations/videos to cater child attention span	
12.	The e-Learning content platform must have Role based login facility with Teacher (Administrator), Teacher & Students as roles.	
13.	The e-Learning content platform should be multilingual with support for Hindi, Marathi other than English for the player Graphical User Interface.	

14	The e-Learning contents must have lessons broken into small pieces of learning components for effective learning and catering to the child attention span instead of long Lesson level continuous videos.	
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9.12.2 e-STEM Tool

S. No.	Technical Specification	Compliance (Yes / No)
1	<ul style="list-style-type: none"> STEM Tools draw shapes, use math tools, like protractor and compass, solve equations and formulas, and simulate physics and chemistry lab experiments 	

9.12.3 Study Reference Materials

S. No.	Technical Specification	Compliance (Yes / No)
1	The supplementary content application should include all types of educational content in one integrated platform for best and regular use by teachers and students	
2	Video, Digital Books and Assessments should be available offline in one single platform for all supplementary content requirements	
3	The Platform should support offline content usage and delivery in all conditions.	
4	The platform should be multilingual with the option to have buttons and navigation instructions in Marathi and English medium.	
5	The platform should save all Smart Class usage data offline on every device. The usage reports should be accessible offline in a reports section without any internet dependence.	
7	The central project monitoring dashboard and its master administrator should have features to give selected usage data access to teachers/principals and other officials as needed for specific schools under their jurisdiction.	

9.12.4 English Language Learning Tool

S. No.	Technical Specification	Compliance (Yes / No)
1.	The product should be perfect blend of Instructor Led Training (ILT) and Computer Based Training (CBT)	
2.	Product should specially designed from Indian learner and for learning environment	

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3.	Should Strengthen both language and grammar areas of English	
4.	Product should have strategic content in a rich audio video format	
5.	Teacher Intervention through interaction & role player	
6.	Use of language techniques and not rules of language to teach English	
7.	A fun filled learning environment to generate love for the language	
8.	Product should provide impactful classroom interactions well-supported by state-of-the-art technology	
9.	Product should supports core listening and speaking skills with sufficient lessons	

9.12.5 TLMS

Sr. No.	Module Name	Functionality & Features	Compliance (Yes / No)
1.	User Management	<ol style="list-style-type: none"> 1. User Management should allow creation of individual profiles for various user type of users like Principal, Vice Principal, Supervisor, Teachers, students, etc. 2. User should be allowed to add/define Designation/qualifications masters 3. Documents upload facility for users in PNG, JPEG and PDF format. 4. User log should be provided for each users activity 	
2.	Schools Management	<ol style="list-style-type: none"> 1. User should able to add Information of Ashram primary secondary schools. 2. Details of school authorities. 3. PTR (Pupil Teacher Ratio) details should be maintained. 4. Academic year configuration. 5. Facility to add/update Address and contact details of schools. 	
3.	School Academic Management	<ol style="list-style-type: none"> 1. School class and divisions addition facility (Primary, Secondary, Higher Secondary, etc.) 2. Facility to add Academic year & academic year wise managing of records. 3. Allocation of classes and divisions to the students. 	
4.	Student Enrolment	<ol style="list-style-type: none"> 1. Student registration for Primary/ Secondary/ Higher Secondary Ashram Schools 2. Cancelation of admission 3. Alerts and notification of student registration confirmation should be sent to students with SMS/email 4. Various Dynamic reports should be made available 	
5.	Syllabus	<ol style="list-style-type: none"> 1. User should able to create syllabus and made available for students 2. User should able to modify syllabus 3. Syllabus should have provision to add chapters, marks, hours, etc. 	
6.	Time Table Management	<ol style="list-style-type: none"> 1. User should be able to generate timetable 2. Teachers and student should have access to timetable 3. Visibility of daily conducted lectures & related information should be visible to higher authorities 4. Students should be able to view & are notified about their daily upcoming lectures & their attended lectures 	

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Sr. No.	Module Name	Functionality & Features	Compliance (Yes / No)
7.	Lecture Management	<ol style="list-style-type: none"> 1. Provision to create, edit, delete and cancel lecture 2. Provision to conduct online lecture <ul style="list-style-type: none"> • Streaming of classes and screen sharing enabled for lecturer • Add up to 200 learners in each session • Chat: A text-based group chat for lecturers and students • Raise hand: An interaction driving feature for learners who can start discussions by gaining the attention of the lecturer 3. Faculty should be able to Reassign/reschedule lecture 4. Higher authority should be able to manage Approve/Disapprove of Lecture 5. Faculties should have provision for uploading study material for lecture like PPT, PDF and Video also should be able to download 	
8.	Student Attendance Management	<ol style="list-style-type: none"> 1. Add / Edit / View attendance of student. 2. Student attendance reports (Daily /Monthly /Yearly) 3. Should support integration with other automated attendance system 4. Students should allow viewing date wise attendance report 	
9.	Assignment/ Homework	<ol style="list-style-type: none"> 1. Provision to Upload, Save and Publish homework /assignments for students of all the division and standard as per teachers choice and provide necessary documents for reference 2. Student should have access to uploaded assignments/homework 3. Faculty should be able to add feedback in terms of mark/grades along with the comments to the submitted Homework/Assignment by students 4. Students should be able to view the feedback added for the submitted assignment by faculty 	
10	Understanding Test	<ol style="list-style-type: none"> 1. Faculty should be able to create, edit and delete Test for particular topic of their subjects 2. User should have provision to schedule the test 3. User should have Questions add or upload facility of the test 4. Student should be able to view upcoming test and attend it 5. Student should be able to view test result and reports of test attended 	
11	Scale Up	<ol style="list-style-type: none"> 1. Student transfer facility from one class to higher class 2. The status of students should be maintained and reports should be fetched; i.e. passed / Fail, etc. 	
12	Audit Management	<ol style="list-style-type: none"> 1. School should be able to conduct Educational or Infrastructure Audits 2. Admin should be able to define the structure of audit 3. Audit facility for faculties 4. Admin should have Audit Schedule and reschedule management facility 5. Auto generated audit reports and access facility to admin 	
13	Performance Management	<ol style="list-style-type: none"> 1. Performance and outcome calculation and report generation facility for each student & faculty 2. Performance and outcome should be calculated based on the attendance, assignments/homework, understanding test, etc. 	

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Sr. No.	Module Name	Functionality & Features	Compliance (Yes / No)
14	Alumni Management	<ol style="list-style-type: none"> Automatic conversion of student profile into Alumni profile after completing school education Alumni students should have access to alumni management for events and notifications Events organized for Alumni students will be conveyed to Alumni students via SMS/E-mails 	
15	Holiday Management	<ol style="list-style-type: none"> Two types of holiday can be generated <ol style="list-style-type: none"> Weekly Yearly (ex: Festival) Local Holidays Only Admin should have privilege to add, edit and delete holidays There should be automatic reflection of holidays with timetable 	
16	Reports	<ol style="list-style-type: none"> Different type of standards & dynamic reports from each module should be made available by processing all the data collected by system Example: Lectures Conducted, Student attendance, etc. 	