

GOVERNMENT OF KARNATAKA



**TUMAKURU SMART CITY LIMITED
MAHALAKSHMI ARCADE, S.S. PURAM MAIN ROAD, COFFEE BOARD
COLONY, TUMAKURU – 572102; TELEPHONE: 0816-2278190**

**REQUEST FOR PROPOSAL
FOR
SELECTION OF AGENCY FOR ESTABLISHMENT OF SMART
CLASSROOMS IN
GOVT. PU COLLEGE, TUMAKURU**

**RFP No. TSCL/CR/RFP/25-1/2017-18
JANUARY 2018**

Contents

1. BID DATA SHEET.....	5
2. FACT SHEET	6
3. Background Information	7
3.1. Basic Information	7
3.1.1. Project Background.....	7
4. Instructions to the Bidders.....	8
4.1. General.....	8
4.2. Compliant Tenders / Completeness of Response	8
4.3. Pre-Bid Meeting & Clarifications.....	8
4.3.1. Bidders Queries.....	8
4.3.2. Responses to Pre-Bid Queries and Issue of Corrigendum	9
4.4. Key Requirements of the Bid	9
4.4.1. Right to Terminate the Process	9
4.4.2. Bid Processing Fees	9
4.4.3. Earnest Money Deposit (EMD)	10
4.4.4. Submission of Responses.....	10
4.4.5. Authentication of Bids	11
4.5. Preparation and Submission of Proposal	11
4.5.1. Proposal Preparation Costs	11
4.5.2. Language.....	11
4.5.3. Venue & Deadline for Submission of proposals.....	11
4.5.4. Late Bids.....	11
4.5.5. Evaluation process	11
4.5.6. Tender Opening	12
4.5.7. Tender Validity	12
4.5.8. Tender Evaluation.....	12
4.6. Criteria for Evaluation	13
4.6.1. Pre-Qualification (PQ) / Eligibility Criteria	13
4.6.2. Technical Qualification Criteria	14
4.6.3. Commercial Bid Evaluation.....	15
4.7. Appointment of Agency	16
4.7.1. Award Criteria	16
4.7.2. Right to Accept Any Proposal and to Reject Any or All Proposal(s).....	16
4.7.3. Notification of Award.....	16
4.7.4. Performance Guarantee.....	16

4.7.5.	Signing of Contract.....	17
4.8.	Fraud and Corrupt Practices.....	17
4.9.	Conflict of Interest.....	18
4.10.	Terms and Conditions: Post Award of Contract	18
4.10.1.	Termination Clause.....	18
4.11.	Acceptance Tests.....	19
4.12.	Audit by Third Party.....	20
4.13.	Penalty.....	20
4.14.	Dispute Resolution Mechanism.....	20
4.15.	Notices.....	21
4.16.	Force Majeure.....	21
4.17.	Failure to agree with Terms and Conditions of the RFP.....	21
5.	Details on Scope of Work.....	22
5.1.	Scope of Work.....	22
5.1.1.	Site Survey and Site Preparation.....	22
5.1.2.	Procurement and installation of Hardware, Networking and other Equipment.....	23
5.1.3.	Procurement, Customization and Deployment of Software and content.....	23
5.1.4.	Management and Maintenance of Hardware, Software and Content Updation.....	24
5.1.5.	Operation and Maintenance Support (O&M Support).....	24
5.1.5.1.	Capacity Building & Training.....	24
5.1.5.2.	Maintenance Services.....	24
5.1.6.	Handover and Commencement of Annual Maintenance Contract (post completion of 3 years of O&M period, if required).....	25
5.2.	Bill of Material and Technical Specifications.....	25
5.2.1.	Bill of Material.....	25
5.3.	Technical Specifications.....	26
5.3.1.	Laptops.....	26
5.3.2.	Digital Interactive Boards (21 inch).....	26
5.3.3.	UPS 2-KVA.....	27
5.3.4.	Laser-Jet MFP Printers.....	28
5.3.5.	Deskjet Printer (Colour).....	28
5.3.6.	Audio System.....	29
5.3.7.	Wireless Access Points Controller.....	29
5.3.8.	Wi-Fi Access Points.....	30
5.3.9.	HD LCD Projector.....	31
5.3.10.	Biometric Attendance System.....	31
5.3.11.	Projector Screen.....	32
5.4.	Deliverables & Timelines.....	33

5.5.	Right to alter Quantities	33
5.6.	Payment Procedure and Terms	33
5.6.1.	Paying Authority.....	33
5.6.2.	Payment Schedules	34
5.7.	Implementation and Operational SLAs	34
5.7.1.	Implementation SLAs	34
5.7.2.	Operational SLAs	35
6.	Appendix I: Pre-Qualification & Technical Bid Templates	37
6.1.	Form 1: Compliance Sheet for Pre-Qualification Proposal	38
6.2.	Form 2: Particulars of the Bidder	39
6.3.	Form 3: Manufacturers'/Producers' Authorization	40
6.4.	Form 4: Compliance Sheet for Technical Proposal	41
6.5.	Form 5: Letter of Proposal	42
7.	Appendix II: Commercial Proposal Templates	43
7.1.	Form C1: Covering Letter	44
7.2.	Form C2: Financial Proposal	45
8.	Appendix III: Template for Performance Bank Guarantee	46
9.	Appendix IV: Template for Master Service Agreement	47

1. BID DATA SHEET

S. No.	Particular	Details
1.	Start date of issuance / sale of RFP document	24/01/2018
2.	Pre-Bid Conference	05/02/2018
3.	Last date for Submission of Queries	13/02/2018
4.	Last date and time for Submission of Proposals	24/02/2018 – 1600 hours
5.	Date and time for opening of Technical Proposals	25/02/2018 – 1600 hours
6.	Date of Technical Presentation	To be intimated
7.	Date and time for opening of Commercial Proposals	To be intimated

Venue for Pre-Bid Meeting:

Tumakuru Smart City Limited (TSCL)
Mahalakshmi Arcade, S.S. Puram Main Road,
Coffee Board Colony, Tumakuru– 572102

2. FACT SHEET

Clause Reference	Topic
Mode of Selection	The method of selection is: Least Cost Selection (LCS)
Earnest Money Deposit (Section 4.4.3)	<p>a) A non-refundable Tender processing fee as determined by the e-Procurement platform shall be payable, electronically, by the Proposers at the time of submitting Proposals.</p> <p>b) The Proposers (Bidders) shall pay Security Deposit of Rs. 70,000/- towards Earnest Money Deposit.</p>
Scope of the Tender (Section 5.0)	Supply, Installation, Commissioning, Integration, Operation & Maintenance of Smart Classrooms in Govt. PU College, Tumakuru
Pre-Bid Meeting (Section 4.3)	<p>A pre-Bid meeting will be held on 05 Febraury2018, 11:30 hours at</p> <p>O/o Tumakuru Smart City Limited Mahalakshmi Arcade, S.S. Puram Main Road, Coffee Board Colony, Tumakuru– 572102</p>
Language of the Proposal (Section 4.5.2)	Proposals should be submitted in English Only
Payment Terms and Schedule (Section 5.6)	Taxes: As Applicable
Venue Deadline and Submission of Proposal (Section 1)	Proposals, in its complete form in all respects as specified in the RFP, must be submitted <u>ON LINE IN e-PROCUREMENT PORTAL</u>

2. Background Information

2.1. Basic Information

- a) Tumakuru Smart City Limited (TSCL) (“the Purchaser”) for this Government procurement competition invites responses (“Tenders”) to this Request for Proposals (“RFP”) from OEMs Agencies/Implementation Agencies/authorized Partners (“Bidders”) for the provision of Hardware, Software & Services as described in Section 5 of this RFP, “Scope of Work” (“Supply, Installation, Commissioning, Integration, Operation & Maintenance of Smart Class Rooms in Govt. PU College, Tumakuru”). Any contract that may result from this RFP Process will be issued for a term of (“the Term”) which would include the hardware supply, warranty and maintenance support.
- b) The Purchaser reserves the right to extend the warranty and maintenance support term for a period or periods of up to with a maximum of such extension or extensions on the same terms and conditions, subject to the obligations at law.
- c) Proposals must be received not later than time, date and venue mentioned in the Fact Sheet. Proposals that are received after the deadline WILL NOT be considered in this procurement process.

2.1.1. Project Background

- a) Tumakuru, the district headquarters of the Tumakuru District, is located 70 km northwest of Bangalore spread over an area of 48.60 sq.km. Tumakuru with a total population of 3, 05,821 as per the 2011 census is majorly an agricultural based economy but also derives its economic base from industries in and around it. Tumakuru has been selected as one of the Smart Cities under the Smart Cities Mission of the Government of India the second round of the competitive selection process by the Ministry of Urban Development.
- b) An SPV, the TSCL has been constituted to carry out the implementation of the Smart City plan.
- c) TSCL envisages to improve the quality of education services as part of the plans to make the Smart City, accordingly the TSCL now invites Tenders for Supply, Installation, Commissioning, Integration, Operation & Maintenance of Smart Class Rooms in Govt. PU College, Tumakuru. The Smart Class includes Supply, uploading and maintenance of educational digital contents and future upgradation as per changes in syllabus prescribed by boards concerned, training to the teachers, Supply, Installation and Commissioning of Networking components, etc.
- d) Smart Class aims at bringing technology into the classroom. It brings an exhaustive repository of digital modules or lessons, (consisting of 2D animations, graphics, audio and video) on every subject, which the teacher could easily access and project in the classroom that illuminated and explained abstract and difficult concepts with liquid clarity. The objective of this project is to bring in Smart classrooms to the Government PU College in Tumakuru.
- e) The scope shall be to establish Eight (8) Smart Classrooms for Class VIII, Class IX and Class X (having 2, 3 and 3 sections respectively) for Govt. P.U. College, Tumakuru. The scope of work for the selected agency shall include supply, installation, training, operation & maintenance of digital educational hardware and contents and their future upgradation as per the prescribed changes in syllabus by the concerned board (if any).
- f) The classrooms of Government PU College in Tumakuru are devoid of internet connection and are neither air conditioned nor acoustically designed. The service provider shall take this into consideration while designing and implementing the smart class systems.

3. Instructions to the Bidders

3.1. General

- a) While every effort has been made to provide comprehensive and accurate background information and requirements and specifications, Bidders must form their own conclusions about the SI support required. Bidders and recipients of this RFP may wish to consult their own legal advisers in relation to this RFP.
- b) All information supplied by Bidders may be treated as contractually binding on the Bidders, on successful award of the assignment by the Purchaser on the basis of this RFP
- c) No commitment of any kind, contractual or otherwise shall exist unless and until a formal written contract has been executed by or on behalf of the Purchaser. Any notification of preferred Bidder status by the Purchaser shall not give rise to any enforceable rights by the Bidder. The Purchaser may cancel this public procurement at any time prior to a formal written contract being executed by or on behalf of the Purchaser
- d) This RFP supersedes and replaces any previous public documentation & communications, and Bidders should place no reliance on such communications.

3.2. Compliant Tenders / Completeness of Response

- a) Bidders are advised to study all instructions, forms, terms, requirements and other Bidders are advised to study all instructions, forms, requirements, appendices and other information in the RFP documents carefully. Submission of the bid / proposal shall be deemed to have been done after careful study and examination of the RFP document with full understanding of its implications.
- b) Failure to comply with the requirements of this paragraph may render the Proposal noncompliant and the Proposal may be rejected. Bidders must:
 - i. Comply with all requirements as set out within this RFP.
 - ii. Submit the forms as specified in this RFP and respond to each element in the order as set out in this RFP
 - iii. Include all supporting documentations specified in this RFP

3.3. Pre-Bid Meeting & Clarifications

3.3.1. Bidders Queries

- a) Purchaser shall hold a pre-bid meeting with the prospective Bidders as mentioned in Bid Data Sheet at O/o Tumakuru Smart City Limited, Mahalakshmi Arcade, S.S. Puram Main Road, Coffee Board Colony, Tumakuru– 572102
- b) The Bidders will have to ensure that their queries for Pre-Bid meeting should reach to bids@smartcitytumakuru.in by email on or before the date and time mentioned in the Bid Data Sheet
- c) The queries should necessarily be submitted in the following format:

Sl.No	RFP Document Reference(s) (Section & Page Number(s))	Content of RFP requiring Clarification(s)	Points of Clarification

- d) Purchaser shall not be responsible for ensuring that the Bidders' queries have been received by them. Any requests for clarifications post the indicated date and time may not be entertained by the Purchaser.

3.3.2. Responses to Pre-Bid Queries and Issue of Corrigendum

- a) The Purchaser will endeavour to provide timely response to all queries. However, Purchaser makes no representation or warranty as to the completeness or accuracy of any response made in good faith, nor does Purchaser 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, Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the RFP Document by a corrigendum.
- c) The Corrigendum (if any) & clarifications to the queries from all Bidders will be posted on the e-Procurement website of Karnataka (<https://www.eproc.karnataka.gov.in>).
- d) Any such corrigendum shall be deemed to be incorporated and part of this RFP.
- e) In order to provide prospective Bidders reasonable time for taking the corrigendum into account, TSCL may, at its discretion, extend the last date for the receipt of Proposals.

3.4. Key Requirements of the Bid

3.4.1. Right to Terminate the Process

- a) Purchaser may terminate the RFP process at any time and without assigning any reason. Purchaser makes no commitments, express or implied, that this process will result in a business transaction with anyone.
- b) This RFP does not constitute an offer by Purchaser. The Bidder's participation in this process may result Purchaser selecting the Bidder to engage towards execution of the contract.

3.4.2. Bid Processing Fees

- a) Each Bidder shall pay bid processing fee through any of the for e-Payment options only:
- i. Credit Card
 - ii. Direct Debit
 - iii. NET Banking
 - iv. National Electronic Funds Transfer (NEFT)
 - v. Over the Counter (OTC) – designated ICICI Bank branches located across the country

- b) Please note that payments submitted through cheque or demand draft shall not be accepted. Further details regarding e-Payment; please refer to e-Procurement website – www.eproc.karnataka.gov.in

3.4.3. Earnest Money Deposit (EMD)

- a) A non-refundable Tender processing fee as determined by the e-Procurement platform shall be payable, electronically, by the Proposers at the time of submitting Proposals.
- b) The Proposers (Bidders) shall pay Security Deposit as mentioned in the Bid Data Sheet towards Earnest Money Deposit.
- c) The EMD of the Successful bidder will be taken to TSCL account and the same will be refunded within 45 days after submission of the Performance Bank Guarantee.
- d) EMD of Unsuccessful Proposers will be returned back to their Bank account automatically through online EMD Refund System of E-Governance Department, Government of Karnataka.
- e) If Transaction processing fee and EMD are not submitted properly, bids will be automatically rejected by the E-procurement portal.
- f) The EMD amount is interest free and will be refundable to the unsuccessful Bidders without any accrued interest on it.
- g) The bid / proposal submitted without EMD, mentioned above, will be summarily rejected. e. The EMD may be forfeited:
- If a Bidder withdraws its bid during the period of bid validity.
 - In case of a successful Bidder, if the Bidder fails to sign the contract in accordance with this RFP.

3.4.4. Submission of Responses

- a) The original bid shall be prepared and submitted in e-Procurement platform. The Bidder shall digitally sign and submit the proposal electronically through the unified e-Procurement platform: www.eproc.karnataka.gov.in
- b) The completed bid must be submitted electronically in the e-Procurement platform on or before the due date for bid submission specified in the e-Procurement platform
- c) The fees quoted in Commercial Proposal should be inclusive of all Taxes, GST and Out of pocket expenses. Further no additional out of pocket expenses shall be payable. Tax will be deducted at source as per the provisions of Income – Tax Act, prevailing at the time of payment.
- d) Bidders are requested to note the Scope of Work and details of assignment before proposing the fee. Fee proposed shall not be increased under any circumstances.
- e) The fee should be quoted in Indian National Rupee only.
- f) Bidders may please note that for Technical qualification all the eligibility criteria and Document in support should be submitted to the satisfaction of the TSCL.
- g) The supporting documents, wherever required, evidencing the fulfilment of criteria prescribed for evaluation of Technical Proposal shall have to be enclosed.
- h) The Tumakuru Smart City Limited will not be responsible for technical glitches in the desktop and internet connectivity services used by the Bidder

3.4.5. Authentication of Bids

A Proposal should be accompanied by a power-of-attorney in the name of the signatory of the Proposal.

3.5. Preparation and Submission of Proposal

3.5.1. Proposal Preparation Costs

The Bidder shall be responsible for all costs incurred in connection with participation in the RFP process, including, but not limited to, costs incurred in conduct of informative and other diligence activities, participation in meetings/discussions/presentations, preparation of proposal, in providing any additional information required by Purchaser to facilitate the evaluation process, and in negotiating a definitive contract or all such activities related to the bid process. Purchaser will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

3.5.2. Language

The Proposal should be filled by the Bidders in English language only. If any supporting documents submitted are in any language other than English, translation of the same in English language is to be duly attested by the Bidders. For purposes of interpretation of the documents, the English translation shall govern.

3.5.3. Venue & Deadline for Submission of proposals

Proposals, in its complete form in all respects as specified in the RFP, must be submitted ON LINE IN e-PROCUREMENT PORTAL

3.5.4. Late Bids

- a) The bids submitted by telex/telegram/ fax/e-mail etc. shall not be considered. No correspondence will be entertained on this matter.
- b) The Bidders shall submit the bids only through e-Procurement Portal.
- c) The Bidder shall not have access to the tender after date and time expiry in the e-Procurement Portal

3.5.5. Evaluation process

- a. Purchaser will constitute a Proposal Evaluation Committee to evaluate the responses of the Bidders
- b. The Proposal Evaluation Committee constituted by the Purchaser shall evaluate the responses to the RFP and all supporting documents / documentary evidence. Inability to submit requisite supporting documents / documentary evidence, may lead to rejection.
- c. The decision of the Proposal Evaluation Committee in the evaluation of responses to the RFP shall be final. No correspondence will be entertained outside the process of evaluation with the Committee.

- d. The Proposal Evaluation Committee may ask for meetings with the Bidders to seek clarifications on their proposals
- e. The Proposal Evaluation Committee reserves the right to reject any or all proposals on the basis of any deviations.
- f. Each of the responses shall be evaluated as per the criteria and requirements specified in this RFP.

3.5.6. Tender Opening

The Proposals submitted up to the date and time mentioned in the Bid Data Sheet will be opened at the date and time also mentioned in the Bid Data Sheet by or any other officer authorized by Purchaser, in the presence of such of those Bidders or their representatives who may be present at the time of opening.

The representatives of the Bidders should be advised to carry the identity card or a letter of authority from the Tendering firms to identify their bonafides for attending the opening of the proposal

3.5.7. Tender Validity

The offer submitted by the Bidders should be valid for minimum period of 90 days from the date of submission of Tender.

3.5.8. Tender Evaluation

- a) Initial Bid scrutiny will be held and incomplete details as given below will be treated as nonresponsive. If Proposals;
 - Are not submitted in as specified in the RFP document.
 - Received without the Letter of Authorization (Power of Attorney)
 - Are found with suppression of details
 - With incomplete information, subjective, conditional offers and partial offers submitted
 - Submitted without the documents requested in the checklist
 - Have non-compliance of any of the clauses stipulated in the RFP
 - With lesser validity period
- b) All responsive Bids will be considered for further processing as below.

TSCL will prepare a list of responsive Bidders, who comply with all the Terms and Conditions of the Tender. All eligible bids will be considered for further evaluation by a Committee according to the Evaluation process define in this RFP document. The decision of the Committee will be final in this regard.

3.6. Criteria for Evaluation

3.6.1. Pre-Qualification (PQ) / Eligibility Criteria

#	Basic Requirement	Specific Requirements	Documents Required
1	Sales Turnover in Hardware Sales & Maintenance services	Annual Turnover during the last five years i.e. 2013-2014 to 2016-2017, achieved in at least two financial years a minimum financial turnover (as per the last published Balance sheets), should have a minimum of Rs.70 Lakhs that is generated from ICT based Hardware supply and their associated maintenance services, packaged software etc.	Extracts from the audited Balance sheet and Profit & Loss; OR Certificate from the statutory auditor
2	Letter of authorization from OEM	The Bidder should be an OEM (and/or Original Software Developer for system software, database, etc.) or their authorized representative. In case of authorized representative, a letter of authorization from original manufacturer must be furnished.	Letter of authorization; as per template provided
3	Technical Capability	The agency must have successfully undertaken at least the following number of Smart Class Rooms implementation engagement(s) of value specified herein: <ul style="list-style-type: none"> • One project of similar nature not less than the amount of Rs. 18 Lakhs 	Completion Certificates from the client; OR Work Order + Self Certificate of Completion (Certified by the Statutory Auditor); OR Work Order + Phase Completion Certificate from the client
4	Quality Certifications	a) ISO 9001 b) ISO 20000	Copy of certificate
5	Legal Entity	The Bidder should be a Company registered under the Companies Act, 1956 / 2013 and operating for the last three years. Also the company should be registered with GSTN.	Certificates of incorporation - Registration Certificates & GST Registration Certificate
6	Local Service Centres	The Bidder should have presence and support centres in Karnataka. The Bidder should have technical manpower with experience to provide service at both locations for support under this contract.	A Self Certified letter by an authorized signatory
7	Blacklisting	A self-certified letter by the authorized signatory of the Bidder that the Bidder has not been blacklisted/debarred by any Central / State Government (Central/State Government and Public Sector) or under a declaration of ineligibility for corrupt or fraudulent practices as of must be submitted on original letter head of the Bidder with signature and stamp.	A Self Certified letter by an authorized signatory

SELECTION OF AGENCY FOR ESTABLISHMENT OF SMART CLASS ROOMS IN GOVT. PU COLLEGE, TUMAKURU

3.6.2. Technical Qualification Criteria

Bidders who meet the pre-qualifications/eligibility requirements would be considered as qualified to move to the next stage of Technical and Financial evaluations.

The Product offered should meet all the technical and functional specifications given in the section “Scope of Work”. Non-compliance to any of the technical specifications and functional specification will attract rejection of the proposal.

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

#	Evaluation Criteria	Total Marks
1	Specific Experience of the Bidder related to the Assignment	40
2	Bidder's Profile	25
3	Approach & Methodology	20
4	Presentation	15
Overall Technical Score		100

Important: Qualification criteria for technical evaluation and progression to commercial evaluation stage:

- Minimum 75% (75 marks) of the overall technical score total.

Detailed Technical Bid Criteria & Evaluation

#	Criteria Category	Evaluation Criterion Details	Max Marks Allotted	Supporting Documents Required
A	Specific Experience of the Bidder related to the Assignment		40	
1	Experience of implementing Smart Classroom Programme in India	Relevant experience in implementation of Smart Classrooms or projects of similar nature in last 3 years with value of project greater than Rs.35 lakhs <ul style="list-style-type: none"> • 1st project – 10 marks • Every Additional project (max 3) – 2 marks each • Single Project with project cost > Rs.1 Crore – 4 marks 	20	Detailed Credentials with Copies of Work Order, Agreement, Completion Certificate from Client
2	Total no. of smart schools successfully implemented during last one year.	Bidders with maximum schools will be awarded 10 marks and other bidders will be allocated marks proportionately. E.g. Bidder with experience of 50 schools will get 10 marks and bidder with schools of 25 schools will get $(25/50)*10=5$ marks	10	Copy of the agreements/work order as a proof has to be attached.
3	Maximum number of classrooms running for the last one year.	Bidders with maximum classrooms will be awarded 15 marks and other bidders will be allocated marks proportionately. E.g. Bidder with 100 classrooms will get 10 marks and bidder with 50 classrooms will get $(50/100)*10 = 5$	10	Copy of the agreements/work order/client certificate as a proof has to be attached.

SELECTION OF AGENCY FOR ESTABLISHMENT OF SMART CLASS ROOMS IN GOVT. PU COLLEGE,
TUMAKURU

#	Criteria Category	Evaluation Criterion Details	Max Marks Allotted	Supporting Documents Required
		marks		
B	Bidder's Profile		25	
1	Financial Capability	Average Annual Turnover for the last three financial years (FY 2016-17, FY 2015-2016 & FY 2014-2015) >1.5 – 2 Cr: 5 marks > 2 – 3 Cr: 7 marks > 3 – 5 Cr: 10 marks > 5 Cr: 15 marks	15	Certificate from Statutory Auditor or Audited Financial Statements
2	Presence in Karnataka	No. of offices in Karnataka • Only 1 Office: 2 marks • Every additional office (max 3) – 1 marks each	5	List of Offices in Karnataka, self-certified by Authorized Signatory
3	Certification	• ISO 9001 certified: 3 mark • CMMI Level 3: 4 marks • Both ISO 9001 and CMMI Level 3: 5 marks	5	Copies of Certificates
C	Approach & Methodology		20	
1	Understanding of the scope of work and Work Plan	A detailed note on the understanding of local context and scope, approach to meet the scope of work and the detailed work plan.	10	A TSCL appointed panel will evaluate the Approach & Methodology Proposals.
2	Training Plan	Detailed plan on the training to be provided to teachers	5	
3	Innovativeness	Innovative ideas to enhance utility and sustainability of smart classrooms	5	
D	Presentation		15	
1		Technical Presentation on understanding of the project and the benefits of the proposed hardware: a. Understanding of the project and Conformity to functional requirements b. Identification of major risks and mitigation measures proposed c. Proposed Solution Design d. Proposed Work Plan to meet the timelines e. Solution Innovativeness f. Benefits of the proposed hardware	15	A TSCL appointed panel will evaluate the presentations.

3.6.3. Commercial Bid Evaluation

- The Financial Bids of technically qualified Bidders will be opened on the prescribed date in the presence of Bidder representatives.
- The Bidder, who has submitted the lowest Commercial bid, shall be selected as the L1 and shall be called for further process leading to the award of the assignment

- c) Only fixed price financial bids indicating total price for all the deliverables and services specified in this bid document will be considered.
- d) The bid price will include all taxes and levies and shall be in Indian Rupees.
- e) Any conditional bid would be rejected
- f) Errors & Rectification: Arithmetical errors will be rectified on the following basis: “If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between words and figures, the amount in words will prevail”.

3.7. Appointment of Agency

3.7.1. Award Criteria

Purchaser will award the Contract to the successful Bidder whose proposal has been determined to be substantially responsive and has been determined as the most responsive bids as per the process outlined above.

3.7.2. Right to Accept Any Proposal and to Reject Any or All Proposal(s)

Purchaser reserves the right to accept or reject any proposal, and to annul the tendering process / Public procurement process and reject all proposals at any time prior to award of contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for Purchaser action.

3.7.3. Notification of Award

Prior to the expiration of the validity period, Purchaser will notify the successful Bidder in writing or by fax or email, that its proposal has been accepted. In case the tendering process / public procurement process has not been completed within the stipulated period, Purchaser, may like to request the Bidders to extend the validity period of the bid.

For each electronic product proposed to be procured, among all technically qualified bids, the lowest quoted price will be termed as L1 and the rest of the bids shall be ranked in ascending order of price quoted, as L2, L3, L4 and so on. The bidder holding L1 bid will secure the order for full procurement value.

Upon the successful Bidder's furnishing of Performance Bank Guarantee, Purchaser will notify each unsuccessful Bidder and return their EMD.

3.7.4. Performance Guarantee

The Purchaser will require the selected Bidder to provide a Performance Bank Guarantee, within 10 days from the Notification of award, for a value equivalent to 10% of the total contract cost. The Performance Guarantee should be valid for a period 40 months from the date of agreement. The Performance Guarantee shall be kept valid till completion of the project and Warranty period. The Performance Guarantee shall contain a claim period of three months from the last date of validity. The selected Bidder shall be responsible for extending the validity date and claim period of the Performance Guarantee as and when it is due on account of non-completion of the project and Warranty period. In case the selected Bidder fails to submit performance guarantee within the time stipulated, the Purchaser at its discretion may cancel the order placed on the selected Bidder without giving any notice. Purchaser shall invoke the performance guarantee in case the selected Vendor fails

to discharge their contractual obligations during the period or Purchaser incurs any loss due to Vendor's negligence in carrying out the project implementation as per the agreed terms & conditions. The Performance Guarantee deposit shall be in any one of the forms given below:

- Cash or
- Banker's Cheque/Demand Draft/Pay Order or
- Bank Guarantee

3.7.5. Signing of Contract

Post submission of Performance Guarantee by the successful Bidder, Purchaser shall enter into a contract, incorporating all clauses, pre-bid clarifications and the proposal of the Bidder between Purchaser and the successful Bidder.

2.5.6 Failure to Agree with the Terms and Conditions of the RFP

Failure of the successful Bidder to agree with the Draft Legal Agreement and Terms & Conditions of the RFP shall constitute sufficient grounds for the annulment of the award, in which event Purchaser may award the contract to the next best value Bidder or call for new proposals from the interested Bidders.

In such a case, the TSCL shall invoke the EMD of the most responsive Bidder.

3.8. Fraud and Corrupt Practices

- a) The Bidders and their respective officers, employees, agents and advisers shall observe the highest standard of ethics during the Selection Process. Notwithstanding anything to the contrary contained in this RFP, the Purchaser shall reject a Proposal without being liable in any manner whatsoever to the Bidder, if it determines that the Bidder has, directly or indirectly or through an agent, engaged in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice (collectively the "Prohibited Practices") in the Selection Process. In such an event, the Purchaser shall, without prejudice to its any other rights or remedies, forfeit and appropriate the Bid Security or Performance Security, as the case may be, as mutually agreed genuine pre-estimated compensation and damages payable to the Authority for, inter alia, time, cost and effort of the Authority, in regard to the RFP, including consideration and evaluation of such Bidder's Proposal.
- b) Without prejudice to the rights of the Purchaser under Clause above and the rights and remedies which the Purchaser may have under the LOI or the Agreement, if an Bidder or Systems Implementation Agency, as the case may be, is found by the Authority to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice during the Selection Process, or after the issue of the LOI or the execution of the Agreement, such Bidder or Hardware Supplier shall not be eligible to participate in any Tender or RFP issued by the Purchaser during a period of years from the date such Bidder or Hardware Supplier, as the case may be, is found by the Purchaser to have directly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice, as the case may be.
- c) For the purposes of this Section, the following terms shall have the meaning hereinafter respectively assigned to them:
 - a. "corrupt practice" means

- i. the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of any person connected with the Selection Process (for avoidance of doubt, offering of employment to or employing or engaging in any manner whatsoever, directly or indirectly, any official of the Purchaser who is or has been associated in any manner, directly or indirectly with the Selection Process or the LOI or has dealt with matters concerning the Agreement or arising there from, before or after the execution thereof, at any time prior to the expiry of one year from the date such official resigns or retires from or otherwise ceases to be in the service of the Purchaser, shall be deemed to constitute influencing the actions of a person connected with the Selection Process); or
 - ii. save as provided herein, engaging in any manner whatsoever, whether during the Selection Process or after the issue of the LOA or after the execution of the Agreement, as the case may be, any person in respect of any matter relating to the Project or the LOA or the Agreement, who at any time has been or is a legal, financial or technical consultant/ adviser of the Purchaser in relation to any matter concerning the Project;
- b. “fraudulent practice” means a misrepresentation or omission of facts or disclosure of incomplete facts, in order to influence the Selection Process;
 - c. “coercive practice” means impairing or harming or threatening to impair or harm, directly or indirectly, any persons or property to influence any person’s participation or action in the Selection Process;
 - d. “undesirable practice” means (i) establishing contact with any person connected with or employed or engaged by Purchaser with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Selection Process; or (ii) having a Conflict of Interest; and
 - e. “restrictive practice” means forming a cartel or arriving at any understanding or arrangement among Bidders with the objective of restricting or manipulating a full and fair competition in the Selection Process.

3.9. Conflict of Interest

The Vendor shall disclose to Purchaser in writing, all actual and potential conflicts of interest that exist, arise or may arise (either for the Vendor the Bidder’s team) in the course of performing the Service(s) as soon as practical after it becomes aware of that conflict.

3.10. Terms and Conditions: Post Award of Contract

3.10.1. Termination Clause

3.10.1.1. Right to Terminate the Process

Purchaser reserves the right to cancel the contract placed on the selected Bidder and recover expenditure incurred by Purchaser under the following circumstances:

- i. The selected Bidder commits a breach of any of the terms and conditions of the bid.
- ii. The Bidder goes into liquidation, voluntarily or otherwise.
- iii. An attachment is levied or continues to be levied for a period of seven days upon effects of the bid.
- iv. If the selected Bidder fails to complete the assignment as per the time lines prescribed in the RFP and the extension if any allowed, it will be a breach of contract. The Purchaser

- reserves its right to cancel the order in the event of delay and forfeit the bid security as liquidated damages for the delay.
- v. If deductions of account of liquidated damages exceeds more than 10% of the total contract price.
 - vi. In case the selected Bidder fails to deliver the quantity as stipulated in the delivery schedule, Purchaser reserves the right to procure the same or similar product from alternate sources at the risk, cost and responsibility of the selected Bidder.
 - vii. After award of the contract, if the selected Bidder does not perform satisfactorily or delays execution of the contract, Purchaser reserves the right to get the balance contract executed by another party of its choice by giving one month's notice for the same. In this event, the selected Bidder is bound to make good the additional expenditure, which Purchaser may have to incur in executing the balance contract. This clause is applicable, if for any reason, the contract is cancelled.
 - viii. Purchaser reserves the right to recover any dues payable by the selected Bidder from any amount outstanding to the credit of the selected Bidder, including the pending bills and/or invoking the bank guarantee under this contract.

3.10.1.2. Consequences of Termination

- a) In the event of termination of the Contract due to any cause whatsoever, [whether consequent to the stipulated term of the Contract or otherwise], Purchaser shall be entitled to impose any such obligations and conditions and issue any clarifications as may be necessary to ensure an efficient transition and effective business continuity of the Service(s) which the Vendor shall be obliged to comply with and take all available steps to minimize loss resulting from that termination/breach, and further allow the next successor / Vendor to take over the obligations of the erstwhile Vendor in relation to the execution/continued execution of the scope of the Contract.
- b) Nothing herein shall restrict the right of Purchaser to invoke the Purchaser Guarantee and other guarantees, securities furnished, enforce the Deed of Indemnity and pursue such other rights and/or remedies that may be available Purchaser under law or otherwise.
- c) The termination hereof shall not affect any accrued right or liability of either Party nor affect the operation of the provisions of the Contract that are expressly or by implication intended to come into or continue in force on or after such termination.

3.10.1.3. Liquidated Damages

- a) Notwithstanding anything, the Purchaser's reserve the right to impose the liquidated damages for late completion of the Go Live at 0.1% (Zero Point One percent) per Day will be charged for every day's delay beyond the schedule subject to a maximum of 10% of the Contract Value.
- b) Purchaser reserves its right to recover these amounts by any mode such as adjusting from any payments to be made by Purchaser to the Bidder. Liquidated damages will be calculated on per week basis.

3.11. Acceptance Tests

The selected Bidder in presence of the Purchaser authorized officials will conduct acceptance test at the site. The test will involve installation and commissioning and successful operation of the hardware, software, communication equipment etc. No additional charges shall be payable by the Purchaser for carrying out these acceptance tests

3.12. Audit by Third Party

Purchaser at its discretion may appoint third party for auditing the activities of onsite services and operations of entire services provided to the Purchaser

3.13. Penalty

- a) The Bidder shall perform its obligations under the Agreement entered into with the Purchaser, in a professional manner.
- b) In the event of failure of maintaining performance metrics specified in the SLA, penalties as defined in the SLA would be levied per payment milestone period subject to a maximum of 10% of the payment for that period.
- c) Purchaser may recover such amount of penalty from the associated payments, being released to the Implementation Agency.
- d) If any act or failure by the Bidder under the agreement results in failure or inoperability of systems and if the Purchaser has to take corrective actions to ensure functionality of its property.
 - Purchaser may impose seek to recover such amounts from the Implementation Agency, to the extent of damage to its any equipment, if the damage was due to the actions directly attributable to the staff of Bidder.
 - The Purchaser shall implement all penalty clauses after giving due notice to the Bidder.
 - If the Bidder fails to complete the due performance of the contract in accordance with the specification and conditions of the offer document, the Purchaser reserves the right either to cancel the order or to recover a suitable amount as deemed reasonable as Penalty / Liquidated Damage for non-performance

3.14. Dispute Resolution Mechanism

The Bidder and the Purchaser shall endeavour their best to amicably settle all disputes arising out of or in connection with the Contract in the following manner:

- a) The Party raising a dispute shall address to the other Party a notice requesting an amicable settlement of the dispute within seven (7) days of receipt of the notice.
- b) The matter will be referred for negotiation between and the Authorized Official of the Bidder. The matter shall then be resolved between them and the agreed course of action documented within a further period of 15 days.

In case any dispute between the Parties, does not settle by negotiation in the manner as mentioned above, the same may be resolved exclusively by arbitration and such dispute may be submitted by either party for arbitration within 20 days of the failure of negotiations. Arbitration shall be held in and conducted in accordance with the provisions of Arbitration and Conciliation Act, 1996 or any statutory modification or re-enactment thereof. Each Party to the dispute shall appoint one arbitrator each and the two arbitrators shall jointly appoint the third or the presiding arbitrator.

The “Arbitration Notice” should accurately set out the disputes between the parties, the intention of the aggrieved party to refer such disputes to arbitration as provided herein, the name of the person it seeks to appoint as an arbitrator with a request to the other party to appoint its arbitrator within 45 days from receipt of the notice. All notices by one party to the other in connection with the arbitration shall be in writing and be made as provided in this Tender document.

Each Party shall bear the cost of preparing and presenting its case, and the cost of arbitration, including fees and expenses of the arbitrators, shall be shared equally by the Parties unless the award otherwise provides. The Bidder shall not be entitled to suspend the Service/s or the completion of the job, pending resolution of any dispute between the Parties and shall continue to render the Service/s in accordance with the provisions of the Contract/Agreement notwithstanding the existence of any dispute between the Parties or the subsistence of any arbitration or other proceedings

3.15. Notices

Notice or other communications given or required to be given under the contract shall be in writing and shall be faxed/e-mailed followed by hand-delivery with acknowledgement thereof, or transmitted by pre-paid registered post or courier. Any notice or other communication shall be deemed to have been validly given on date of delivery if hand delivered & if sent by registered post than on expiry of seven days from the date of posting.

3.16. Force Majeure

Force Majeure is herein defined as any cause, which is beyond the control of the selected Bidder or Purchaser as the case may be which they could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affect the performance of the contract, such as:

1. Natural phenomenon, including but not limited to floods, droughts, earthquakes and epidemics
2. Acts of any government, including but not limited to war, declared or undeclared priorities, quarantines and embargos
3. Terrorist attack, public unrest in work area provided either party shall within 10 days from occurrence of such a cause, notifies the other in writing of such causes. The Bidder or Purchaser shall not be liable for delay in performing his/her obligations resulting from any force majeure cause as referred to and/or defined above. Any delay beyond 30 days shall lead to termination of contract by parties and all obligations expressed quantitatively shall be calculated as on date of termination. Notwithstanding this, provisions relating to indemnity, confidentiality survive termination of the contract.

3.17. Failure to agree with Terms and Conditions of the RFP

Failure of the successful Bidder to agree with the Terms & Conditions of the RFP shall constitute sufficient grounds for the annulment of the award, in which event Purchaser may award the contract to the next best value Bidder or call for new proposals from the interested Bidders or invoke the PBG of the most responsive Bidder.

4. Details on Scope of Work

While Purchaser recognizes that utilization of proprietary methods or protocols sometimes provides competitive advantage, Purchaser will give preference to those vendors whose products support open source or also support recognized industry standard methods and protocols. Equipment bid shall be new, current models manufactured with 100% new OEM parts. All products should be offered in current production as of the date of the award. For purpose of this contract “current production” shall mean that the equipment model is being manufactured as new equipment for the Indian market. Refurbished equipment is not acceptable. All equipment ordered as stated in the RFP must be shipped fully configured with the required memory, components, and selected or specified operating system. Purchaser requires a managed environment and a guaranteed minimum product lifecycle of 5 (Five) Years or longer:

- a) Products that cannot meet the 5 (Five) Years minimum lifecycle replacement must be clearly noted in the published product description
- b) Optional components which are add-on items at the time of purchase (e.g., additional hard drives) are exempt from the 5 (Five) Years minimum lifecycle requirement
- c) Product cannot change or be upgraded during the entire lifecycle period for any reason other than end-of-life issues (e.g., swapping of processor, motherboard, etc. is prohibited). If a product will be discontinued within the given refresh period, Purchaser must be notified in writing, before the refresh period begins, with an explanation of when and why the change will be necessary. An exception process is available for circumstances that affect all manufacturers (e.g., natural disaster affecting production or shipping).

4.1. Scope of Work

The Scope of work mentioned below is indicative but not exhaustive.

The Scope of work for Implementation of Smart Classrooms in Government PU College in Tumakuru shall include Procurement, Supply, Installation, Commissioning and Management of 8 nos. of Smart classrooms and its operation and maintenance for three years which will include training and hand holding. Broadly the scope of work (not limited to) is follows:

- a) Site Survey and Site Preparation
- b) Procurement and installation of Hardware, Networking and other Equipment.
- c) Procurement Customization and Deployment of Software and content.
- d) Management and Maintenance of Hardware and Software and Content Updation
- e) Training and Hand holding
- f) Help Desk Service
- g) Handover and Annual Maintenance Contract (post completion of 3 years of O&M period, if required)

4.1.1. Site Survey and Site Preparation

The selected bidder will be responsible for site survey and submission of a solution deployment plan before starting the site preparation work. The deployment plan should be duly approved by TSCL and School Authority.

Site Preparation activity shall include the following:

- Electrical Wiring within the classrooms, consisting of 5 plug-points per room, connected to UPS back-up

- Electrical Wiring and provision of plug-points outside the classrooms for the attendance devices and printers at appropriate places.

4.1.2. Procurement and installation of Hardware, Networking and other Equipment

- To Supply Hardware and connected accessories (as per minimum specifications given in this Tender Document, although bidder is free to provide higher configuration) and provide Textbook based Educational software, Computer Education software, Spoken English educational software, Safe use of Internet educational software, for a contract period of 3 years.
- The bidder shall provide the ‘structured’ cabling as per the industry standards wherever required.
- The bidder would also need to provide backup power through UPS in order to meet the SLAs. In case, additional hardware or upgrade is required in order to maintain the service levels, then bidder shall procure/ upgrade the same with no additional cost to TSCL.
- All hardware warranty shall start only after the date of commissioning of the Smart Classroom system
- All services / equipment / software / hardware, adjunct or ancillary to the system defined in this RFP, but not specifically mentioned, shall be deemed to have been included in the Bidder’s price proposal.

4.1.3. Procurement, Customization and Deployment of Software and content

- To procure, supply and install all the content for smart education based on Karnataka State board for Std. VIII to Std. X for all subjects. The content shall be approved by the concerned department of the Government of Karnataka before Go-Live.
- To provide Computer Educational Software, Spoken English educational software and Internet educational software.
- All software and content updates will be done daily (As applicable). For this purpose, the system should be online. The whole system is recommended to work on a standalone model, where education content is available on the local computer and content updation is done online in real time.
- In case of, and, as and when there is any change in syllabus prescribed by the Karnataka State Board during the contract period, the digital content has to be changed / updated accordingly by the selected bidder.
- The successful Bidder shall procure the content for all subjects from Class VIII to X.

Sl. No	Parameter	Value	Classes
1.	English	Content in Kannada & English Language	For Classes VIII, IX and X, as applicable
2.	Kannada	Content in Kannada & English Language	
3.	Science	Content in Kannada & English Language	
4.	Social Science	Content in Kannada & English Language	
5.	Mathematics	Content in Kannada & English Language	
6.	Hindi	Content in Kannada & English	

SELECTION OF AGENCY FOR ESTABLISHMENT OF SMART CLASS ROOMS IN GOVT. PU COLLEGE, TUMAKURU

		Language	
7.	Sanskrit	Content in Kannada & English Language	
8.	Urdu	Content in Kannada & English Language	
9.	Quizzes & Interactive Q&As	Content in Kannada & English Language	

4.1.4. Management and Maintenance of Hardware, Software and Content Updation

- a) The bidder will be responsible for Maintenance of all the Hardware and Software procured and installed as part of the project for three years.
- b) The bidder will be required to provide Technical Support for training and hand holding for the smart classroom system for the entire period of the contract.
- c) Resolution of any bugs & issues including bug fixing, improvements in presentation and / or functionality and others within a duration mentioned in SLAs.
- d) Provide the latest updates, patches / fixes, version upgrades relevant for the software components.
- e) Software version control and software documentation management.
- f) All licenses procured by the bidder under this project will be in the name of the Govt. PU College.
- g) Any issues in the HW/SW will be resolved promptly as per SLA. An escalation matrix will be prepared and shared with TSCL for resolution of all issues.
- h) The bidder will also be responsible to keep track of the version control of the software applications.

4.1.5. Operation and Maintenance Support (O&M Support)

4.1.5.1. Capacity Building & Training

- a) To impart training to all 59 teachers (approx.) in the Government PU College. The training shall be conducted for a period (but not limited to) of 2 months. The trainings shall be conducted batch-wise. The training program will be prepared with training manuals, Do's and Don'ts etc. The training program shall include comprehensive operation of the system, installing and use of textbook content based Computer Aided Learning (CAL) educational software, computer education software, common software applications (Word, Presentation, Spreadsheet etc.)
- b) The teachers' user manual should be made available to all trainee teachers in Kannada and English.

4.1.5.2. Maintenance Services

- a) The Bidder shall provide Onsite Technical Maintenance Services for a period of 36 months from date of Go-Live. One technical support staff shall be provided onsite for a period of minimum 36 months from Go-Live who will be responsible for operation & maintenance, and technical handholding and issue resolution for the entire smart classroom ecosystem for the contract duration.
- b) The bidder will provide technical support services for both hardware and software through the onsite technical support staff, for a total of 36 months from the date of commissioning of the

Smart Classrooms, who will serve as a Single Point of Contact (SPOC) for all ICT related incidents and service requests. The scope of work includes:

- i. Reporting & Resolution of issues / problems with the IT infrastructure with relevant OEMs.
 - ii. Reporting issues / problems with related to software and content.
 - iii. Technical Handholding, as and when required, for the teachers/faculty of the Govt. PU College
- c) Set up necessary channels for reporting issues to OEM helpdesks.
- d) The Technical Support Staff shall undertake the following activities:
- i. Log issues / complaints related to IT and facility management at the school under the scope of work with the respective OEMs and keep proper records for internal use.
 - ii. Track and follow-up each issue / complaint to resolution with respective OEMs.
 - iii. Creation of knowledge base on frequently asked questions (FAQs) to aid the users.
 - iv. On department request provide detailed reports of all incidents raised by users and resolution time.

4.1.6. Handover and Commencement of Annual Maintenance Contract (post completion of 3 years of O&M period, if required)

In case, the contract is not extended on mutual agreement beyond a period of 3 years from the date of Go-Live, the selected agency shall handover the complete system for all 8 classrooms to the school authorities at the end of the contract period in perfect working condition. During handover, the selected agency shall ensure that there are no open helpdesk issues/tickets pending for resolution. The School Authority / TSCL may consider it appropriate to enter into an Annual Maintenance Contract with the selected agency / any of its OEMs at its sole discretion after expiry of the current contract.

4.2. Indicative Bill of Materials and Technical Specifications

4.2.1. Indicative Bill of Materials

The Bill of Materials mentioned hereunder is indicative in nature and as per the model of implementation suggested in the RFP. The bidders are permitted to propose hardware as per their technical solution.

#	List of Items	Qty.
1.	Laptop with OS or equivalent, Antivirus & Office Suite as per technical specifications	08 Nos.
2.	LCD Projector or Equivalent	08 Nos.
3.	Projector Screen	08 Nos.
4.	Digital Interactive Boards	08 Nos.
5.	UPS (2 KVA)	04 Nos.
6.	Audio System	08 Nos.
7.	Laser-jet Multi-Functional Printer with Automatic Document Feeder	01 Nos.
8.	Desk-Jet Printer (Colour)	01 Nos.
9.	Integrated Biometric Attendance System for all 8 classrooms with customizable report generation facility	01 No.
10.	Wi-Fi Access Controller	01 Nos.
11.	Wi-Fi Access Points	08 Nos.
12.	15 Mbps Broadband	01 No.

SELECTION OF AGENCY FOR ESTABLISHMENT OF SMART CLASS ROOMS IN GOVT. PU COLLEGE, TUMAKURU

#	List of Items	Qty.
13.	Multimedia Content (Bilingual – Kannada & English) for classes as mentioned in Section 5.1.6.1 (c) above.	As applicable
14.	Site Preparation (incl. Electrical Wiring, etc.)	As applicable

4.2.2. Technical Specifications

The technical specifications mentioned hereunder are minimum in nature and as per the model of implementation suggested in the RFP. The bidders are permitted to propose hardware (standalone or integrated) with technical specifications as per their technical solution which are either equal to or higher in nature to the technical specifications mentioned in the RFP. If there is any change in the hardware to be proposed by the bidder it must have to comply with the requirement given above.

4.2.2.1. Laptops

S No.	Features	Parameter
1.	General specifications	
	Brand	To Be specified
	Processor	Latest X86 64-bit based Multi core processor, with Speck CPU 2006 rating in the rage 140 equivalent or Higher
2.	Memory	
	Ram	4 GB RAM
3.	Storage	
	Hard disk capacity	500GBHDD
4.	Platform	
	Operating system	Windows 10 Professional or equivalent
5.	Display	
	Screen size	14 “Color” display
6.	Input device	
	Pointer device	Touch pad. A separate optical mouse should be provided
	Keyboard	Standard Keyboard
7.	Communication	
	Ethernet	10/100/1000 Gigabit or Higher
	Wireless LAN	Yes
8.	Antivirus	
	Antivirus	Kaspersky/Symantec/Norton or equivalent (Inbuilt) for 3 years with automatic updates
9.	Office Suite	
	Office Suite	MS Office 13 or equivalent (Inbuilt)
10.	Ports/slots	
	2 USB Ports with 2.0 or above , 1 HDMA Port All other ports are as per the Industry Norms	
	Warranty :comprehensive onsite support during the contract period	

4.2.2.2. Digital Interactive Boards

Sl. No.	ITEM	SPECIFICATIONS
1	Active Size	Minimum 77/78” diagonal or above
2	Technology	Infrared or latest technology
3	Aspect Ratio	4:3 or 16:9 or 16:10
4	Writing Tools	Pen/ stylus/ finger
5	Active Area	Minimum active diagonal length of 2000 mm
6	Operating system	Compatible with Windows 10 or equivalent Operating

SELECTION OF AGENCY FOR ESTABLISHMENT OF SMART CLASS ROOMS IN GOVT. PU COLLEGE, TUMAKURU

	compatibility	System and compatibility with Linux Operating System.
7	Computer Interface	USB
8	Input Frequency	50/60 Hz
9	Power Supply	220 -240V AC Single Phase
10	Board Surface	Scratch resistance surface, maintenance free
11	Accessories	Ceiling Mounting Kit, Mounting Operating Instructions & Installation Manual

4.2.2.3. UPS 2-KVA

Sl. No.	ITEM	SPECIFICATIONS
1	Capacity	2 KVA
2	Wave Form	Pure Sine Wave
3	Backup	Minimum 1 hour
4	Input	
A	Input Voltage Range	160 V AC to 300 V, AC Single Phase
B	Input Frequency Range	50 Hz +/- 5%
5	Protection	
A	All critical source and sensitive loads should have protection from transients, Advanced Electronic Protection for device safety for rectifier and Inverter, Built-in Overload protection, from short Circuits (OVCD)	
6	Output	
A	Output Voltage	220 V AC /230VAC/240 VAC+/-1% 2 phase
B	Frequency	50 Hz, +/- 0.05 Hz (Free running)
C	Over load capacity	125% for 10 minute, 150% for 1 min
D	Crest factor	3:1 max
E	Manual and Auto Bypass Switch	Should be provided
7	Indicators	
A	Battery & Load level indicator	Should be Provided
B	On Line	Should be Provided
C	On Battery	Should be Provided
D	Replace battery	Should be Provided
E	Over Load	125% for 10 min, 150% for 1 Min
F	Bypass	Should be Provided
G	Fault	Should be Provided
8	Miscellaneous	
A	Static Switch	Automatic Bi-directional should take care of 100% uninterrupted transfer
B	Overall efficiency	> 80%
C	Inverter efficiency	> 85%
9	Battery	
A	VAH	3200 minimum
B	Battery Type	Sealed Maintenance Free Tubular Batteries (Exide Power safe/ Numeric/ Amaron)
C	Each Battery Voltage	12V each.
D	DC Bus Ripple	< 1% (With battery connected)
E	Battery recharge time from fully discharge condition to 100%	< =5 Hrs.
G	Battery Housing	Cabinet / Battery Rack
H	Cable Set	Should be Provided
10	Audible Alarm	

SELECTION OF AGENCY FOR ESTABLISHMENT OF SMART CLASS ROOMS IN GOVT. PU COLLEGE,
TUMAKURU

Sl. No.	ITEM	SPECIFICATIONS
A	On Battery	Should be Provided
B	Low Battery	Should be Provided
C	Over Load	Should be Provided
D	Fault	Should be Provided
E	Mains failure	Should be Provided
11	Service Policy	Service should be given immediately for achieving maximum uptime.
12	Display	LCD Display for status/ fault information
13	Isolation Transformer	In built galvanic Isolation transformer at Input
14	Test Report	Should enclose ETDC/NTH/SAMEER/NISL Test Report along with the technical bid
15	Warranty	comprehensive onsite support during the contract period

Note: The batteries should be replaced as and when the VAH goes down below 50% during the entire contract period and also during exit.

4.2.2.4. Laser-Jet MFP Printers

S No.	Features	Parameter
1.	Functions	Print, Copy, Scan. Duplex printing functionality should be available
2.	Print speed black	18 ppm or higher
3.	Print technology	Laser
4.	Print quality black	Up to 600 x 600 dpi or higher
5.	Print languages	As per industry standards with Kannada support
6.	Paper Size	A4
7.	Tray capacity	Min 100
8.	Connectivity	USB
9.	Compatible operating systems	Windows 8 or higher and other Standard OS
10.	Memory	Standard 64MB
11.	Scanner Specification	Scanner type – Flatbed Scan file format – JPG, RAW (BMP), PDF, TIFF, PNG Scan size (flatbed), maximum 216 x 297 mm min 600X600 resolution scan.
12.	Copier Specification	Copy speed (normal) Black: Up to 18 cpm Copy resolution (black text) – Up to 300 x 300 dpi Copy resolution (colour text and graphics) – Up to 400 x 600 dpi
13.	Power and Operating Environment	As per industry standards
14.	Accessories	Automatic Document Feeder System. Other Accessories should be provide as per industry standards.

4.2.2.5. Deskjet Printer (Colour)

S No.	Features	Parameter
1.	Functions	Print, Copy
2.	Print speed black	20 ppm or higher
3.	Print technology	Ink-jet
4.	Print quality black	Up to 600 x 300 dpi or higher

SELECTION OF AGENCY FOR ESTABLISHMENT OF SMART CLASS ROOMS IN GOVT. PU COLLEGE, TUMAKURU

S No.	Features	Parameter
5.	Print languages	As per industry standards with Kannada support
6.	Paper Size	A4
7.	Tray capacity	Min 50
8.	Connectivity	USB
9.	Compatible operating systems	Windows 8 or higher and other Standard OS
10.	Power and Operating Environment	As per industry standards
11.	Accessories	Accessories should be provide as per industry standards.

4.2.2.6. Audio System

Sl. No	Parameter	Required Specification
1.	Type	Portable / Low Power
2.	Technology	Latest Mainstream Wireless Technology
3.	Wattage	25 watts RMS or higher
4.	Speakers	Minimum 1 for inbuilt or 2 for external
5.	Volume Controller	Individual volume control for wireless microphone, wired microphone
6.	Paring	Automatic paring of each wireless microphone separately
7.	USB Interface	Inbuilt MP3 player
8.	Safety Protection	Built-in Fuse for safety
9.	Inputs	1 Line/AUX input and 2 MIC input for connecting wired / wireless microphones or better
10.	Wireless Microphone / Collar Microphone	As per industry norms. Minimum 1 Cordless and 1 Collar Microphone
11.	Channel selection	Automatic channel selecting facility through wireless microphone. Manual frequency selecting switch.
12.	System Design	System having built-in amplifier & built-in receiver using 2.4GHz mainstream wireless technology
13.	Wireless Receiver	Built-in
14.	Wireless Amplifier	Built-in

4.2.2.7. Wireless Access Points Controller

Sl. No	Major Feature	Description
1	General	WLAN OEM must be in a Leader/visionaries/Challenger quadrant of latest WLAN/Unified Gartner Magic Quadrant.
2	Architecture	WLAN Controller should be hardware/appliance-based controller OR software/virtual-based controller in which APs acts as a virtual controller.
3	Scalability	In case of hardware controller, controller shall be capable of supporting minimum of 600 AP's from day and scalable to 1200 AP's. In case of virtual controller, if there are more than one virtual controllers, centralized management solution also shall be provided to manage software controllers who are in turn managing other AP's.
4	Management	WLAN network shall have centralized management i.e. configuration of a single controller/virtual controller shall thereby result in the configuration of all access points.
5	High Availability	High availability should be provided for controllers. In the event of a failure of the hardware/virtual controller, a standby controller shall automatically take over the master role.

SELECTION OF AGENCY FOR ESTABLISHMENT OF SMART CLASS ROOMS IN GOVT. PU COLLEGE, TUMAKURU

Sl. No	Major Feature	Description
6	WLAN Features	Should support Band Steering feature that forces the dual-band capable clients to the 5 GHz band on dual-band access points.
		Should balance wireless clients across APs on different channels, based upon the client load on the APs.
		Should support internal DHCP server.
		WLAN Solution IEEE 802.11r roaming standard and shall support L3 mobility that allows a client to roam between APs on the same network but different client subnets, while preserving its IP address and existing data sessions.
		WLAN solution should be able to create access policies in order to allow or block packets for inbound traffic/outbound traffic.
7	Network Policy features	WLAN solution (either integrated or through external firewall) shall have a capacity to inspect all traffic from each user session and allow or deny any traffic that does not satisfy specified policies.
		WLAN solution (either integrated or through external firewall) shall provide identity-based controls to enforce application-layer security and prioritization. e.g You tube to be given defined bandwidth like 1 Mbps and some apps like Facebook to be denied or given defined bandwidth.
		WLAN solution shall be capable of controlling bandwidth per user.
8	Spectrum scanning	WLAN solution shall be capable enough to scan the 2.4 or 5GHz radio bands to identify sources of Wi-Fi and NON WI-FI interference sources, and make the results available locally and to a remote management solution.
		Single AP should be able to perform security scanning and serving wlan clients simultaneously.
9	WLAN Security	An integrated or External wireless intrusion prevention system shall be proposed with following features:
		Should prevent students/users connecting to rogue AP and also prevent an outside user trying to connect to campus WLAN.
		Should prevent Ad-hoc connections (i.e. clients forming a network amongst themselves without an AP)
		Should prevent windows bridge (i.e. client that is associated to AP is also connected to wired network and enabled bridging between two interfaces)
10	Indoor Access Points	802.11ac Dual radio, dual band capable of supporting 2.4 GHz & 5 GHz simultaneously.
		2x2 MIMO with 2 spatial streams
		The Wireless AP should support 10/100/1000 Base-T PoE port.
		Access points shall be Plenum rated (UL2043) With IP v6

4.2.2.8. Wi-Fi Access Points

Sl. No	Parameters	Specifications
1.	Interfaces	10/100/1000 BASE-T autosensing (RJ45)
2.	Powering Options	As per industry standards
3.	Frequency	Concurrent band 2.4 GHz up to 5 GHz

SELECTION OF AGENCY FOR ESTABLISHMENT OF SMART CLASS ROOMS IN GOVT. PU COLLEGE, TUMAKURU

4.	Wireless	802.11ac, 3x3 multiple-input multiple-output (MIMO) with 3 spatial streams at 5 GHz 802.11n 2x2 multiple-input multiple-output (MIMO) with 2 spatial streams at 2.4 GHz
5.	Operating modes	Access point mode, Wireless Domain Services bridging, client bridge mode

4.2.2.9. HD LCD Projector

Sl. No	Parameter	Value
1.	Display Technology	LCD with full HD
2.	Native Resolution	WXGA 1280X 800 or better as per other industry standard resolution
3.	Brightness	3000 lumens or better
4.	Lamp Life	4000 hours or better
5.	Contrast Ratio	8000:1 or better
6.	Input Connections	Should have minimum 1-VGA + 1 HDMA as Inputs, rest all as per industry standards
7.	Aspect Ratio	4:3 Should support 16:10
8.	Audio	4Watt or better
9.	Keystone Correction	As per industry standards
10.	Accessories	With 25 ft cable to connect computer or Laptop along with all accessories required for Projector excluding screen(VGA connector + 1 HDMA Connector)
11.	Image Size minimum	30 Inches or below
12.	Image Size Maximum	200 inches or above
13.	Accessories	Presenter (Pointer & Slide changer) other accessories as per industry standards to install equipment
14.	Warranty :	comprehensive onsite support during the contract period

4.2.2.10. Biometric Attendance System

Sl. No	Parameter	Value
1.	Credential Support	Fingerprint
2.	Module Type - Optical Card Type (CPM is Required)	Proximity (EM PROX) and Smart Card (Mifare/NFC and HID iCLASS), password based
3.	Unique User Capacity	5000
4.	Fingerprint Verification	1:1 and 1:N
5.	Cards per User	2
6.	Events Buffer/ No. of transactions	100000
7.	Display	3.5" TFT Display with Touchscreen (For wall mounted), 2.5" TFT Display with touchscreen (For hand held) Dimensions
8.	Dimensions	180(L)*134(W)*36(D) (For wall mounted), These dimensions are approximate, however the vendors should ensure that the width of handheld device is much lesser than the wall mounted one so that it can be held in one hand comfortably.
9.	Buzzer	Yes (Note: For the handheld device, there should be provision to switch off the buzzer)
10.	Power over Ethernet	Yes

SELECTION OF AGENCY FOR ESTABLISHMENT OF SMART CLASS ROOMS IN GOVT. PU COLLEGE,
TUMAKURU

Sl. No	Parameter	Value
	(PoE)	
11.	Communication	Ethernet, Wi-Fi and Mobile Broadband (2G, 3G, GPRS)
12.	USB	1 Port (Data Transfer and Wireless Connectivity)
13.	External Reader Types	1 Port for Card/ Finger/ Card + Finger/ UHF Reader
14.	Exit Switch Port	Yes
15.	External Reader Interfaces	RS-232 and Wiegand
16.	External Reader Power Output	Internal 12VDC @ 0.5A or External
17.	Auxiliary Output Port	Relay SPDT, Form C, 1A @ 30VDC
18.	Auxiliary Input Port	Programmable NO, NC, Supervised
19.	CPU	1GHz
20.	Tamper Detection	Yes
21.	Memory	256MB Flash and 512 MB DDR3 RAM
22.	Input Power	12VDC@2A Environment Protection - IP65
23.	Battery Backup	6 Hours or more
24.	Identification Time	<=0.5 Secs or less
25.	LCD Language	English
26.	Processor	32 bit high end Microprocessor or higher
27.	Temperature	00C – 500C
28.	Operating Humidity	20% - 80%
29.	Database & Reports	All 8 nos. of Biometric Devices should be connected to one single and composite database. The related software applications should be able to generate MIS reports as per the requirement of School Authorities.
30.	Biometric Devices	Individual for each classroom (8 nos. in total)

4.2.2.11. Projector Screen

Sl. No	Parameter	Value
1.	Screen size	7 ft. X 5 ft. or higher of standard quality

4.3. Deliverables & Timelines

The Bidder should deliver the hardware and software within 45 days from the date of Agreement. The software should be delivered along with the delivery of hardware. The commissioning of the project as per the scope of work shall be completed within 60 working days from the date of Contract Agreement

The broad timelines for implementation of the scope of work is as follows:

Sl. No.	Activity / Component	Timelines (T ₀ = LoI Issuance Date)
1	Signing of Contract Agreement	T ₀ + 10 days = T ₁
2	Site Preparation & Supply of hardware, software & fixtures	T ₁ + 45 days
3	Installation & Commissioning of all hardware and software components = Go-Live	T ₁ + 60 days = T ₂
4	Operation & Maintenance	T ₂ + 36 months

The following deliverables are expected from the selected bidder:

Sl. No.	Deliverable	Timelines (T ₁ = Signing of Agreement)
1	Site Survey Report and Solution Deployment Plan	T ₁ +7 days
2	Installation & Commissioning / Go-Live Report	T ₁ +65 days
3	Monthly Reports for Operation & Maintenance	Every month after Commissioning for 36 months
4	Vocational / Skill Development Training - Optional	Monthly report on courses batches, enrolment, revenue, costs, etc.

4.4. Right to alter Quantities

The bill of quantity mentioned in the scope of work of this RFP is only indicative. The exact number of equipment required could only be finalized based on the actual requirement; Purchaser shall accordingly order the required number of licenses at the time of placement of Purchase Order.

The Purchaser reserves the right to alter the number of hardware equipment's specified in the Tender in the event of changes in plans of the Purchaser. Any decision of Purchaser in this regard shall be final, conclusive and binding on the Bidder. The Purchaser reserves the right to place order for additional hardware equipment's at the agreed priced during the contract period with the same terms and conditions.

4.5. Payment Procedure and Terms

4.5.1. Paying Authority

The payments as per the Payment Schedule covered herein above shall be paid by this office, Tumakuru Smart City Limited. However, Payment of the Bills would be payable, on receipt of advice/confirmation for satisfactory delivery/installation/re-installation, live running and service report from the concerned sites where the purchased equipment have been delivered. Also the Bidder has to submit the certificate of insurance covering all the risks during transit, storage, installation, commissioning, testing and handling including third part liabilities.

4.5.2. Payment Schedules

No advance payment will be made. The milestone payments schedule is provided below:

S. No.	Payment Percentage	Payment Milestone
1	15% of the total project cost along with applicable taxes	After successful delivery of all the hardware and software provisioned under this project. Delivery sign-off form duly issued by the P.U College authority, needs to be submitted by the selected bidder prior to claim the payment.
2	55% of the total project cost along with applicable taxes	After successful Go-Live of the project as per the scope of work.
3	10% of the total project cost along with applicable taxes	On successful completion of training for all teachers
4	20% of the total project cost along with applicable taxes	To be paid in equal quarterly instalments for a period of 36 months from the date of Go-Live, subject to fulfilment of SLA requirements

The taxes would be paid at the prevalent rates

4.6. Implementation and Operational SLAs

4.6.1. Implementation SLAs

Sl. No	Milestone	Deliverables	Actual Timeline	Basis of measurement	Violation of Service Level Agreement	Deductions / Penalty
1	Submission of PBG	Performance Bank Guarantee for 10% of total contract value (Excluding Taxes)	T ₀ +10 Days	Submission of Performance Bank Guarantee	More than 10 Days	Termination of the LOI issued
2	Hardware Infrastructure supply at the implementation location	Supply of Hardware as per technical specifications	T ₁ + 45 Days	3 rd Party Post-Dispatch Inspection & Acceptance Test by empanelled vendor to be engaged by TSCL	Completion of delivery after T ₀ + 45 Days and there after	0.1 (Zero Point One) % of the Go-Live milestone payment for every day of delay up to a maximum penalty of 20 % of the total milestone payment
3	Go-Live	Go-Live / Installation & Commissioning of all hardware and software components of all 8 nos. of Smart Classrooms	T ₁ + 60 Days	Completion of User Acceptance Test & sign-off by School Authority and TSCL	Go-Live after T ₁ + 60 Days and there after	0.2 (Zero Point Two) % of the Go-Live milestone payment for every day of delay up to a maximum

SELECTION OF AGENCY FOR ESTABLISHMENT OF SMART CLASS ROOMS IN GOVT. PU COLLEGE, TUMAKURU

Sl. No	Milestone	Deliverables	Actual Timeline	Basis of measurement	Violation of Service Level Agreement	Deductions / Penalty
						penalty of 20 % of the total milestone payment
4	Training of Teachers on Smart Classroom Operations	Completion of Training for all teachers of PU College on Smart Classroom Operations	T ₂ + 60 days	Sign-off by School Authority and TSCL based on attendance reports, evaluation sheets and feedback forms from all teachers	Submission after T ₂ + 60 Days and there after	5 % of the training milestone payment for every day of delay up to a maximum penalty of 20 % of the total milestone payment

4.6.2. Operational SLAs

- a) **Preventive maintenance:** The Agency shall ensure preventive maintenance once in 6 months for the entire hardware infrastructure supplied under the project. Failure to perform the preventive maintenance will attract a penalty equal to 10% of the quarterly instalment due next. The selected agency shall follow the working calendar of the Govt. PU College. Preventive Maintenance reports shall be submitted to the School Authority with a copy to TSCL, in a format which is duly approved by TSCL after Go-Live.
- b) **Operations SLA:** All breakdown calls are to be resolved as per the details given below

Location	Resolution time
Govt. PU College, Tumakuru	within 8 hours from the time of complaint made at Helpdesk

It would be the responsibility of the selected agency to log issues / breakdowns related to all IT equipment supplied as part of this project at the school under the scope of work with the respective OEMs.

If the breakdown issue cannot be resolved within the above specified time limits, a compatible System of equivalent or higher specifications has to be installed within that period.

1. The service call made between business hours (9.00 Hrs to 16:00 Hrs).
2. Any service call made after 16:00 Hrs will be considered as next working day
3. SLA hours will be counted during the business hours, where ever SLA is hourly based only.

The breakdown penalties are as mentioned below.

Location	Resolution time
within specified time period from the time of complaint	No Penalty
Not resolved within 8 hours or standby	@ Rs.20/- per completed hour from the time of

SELECTION OF AGENCY FOR ESTABLISHMENT OF SMART CLASS ROOMS IN GOVT. PU COLLEGE, TUMAKURU

not provided.	intimation till the time the complaint is resolved or a standby is provided, per location per item.
Not resolved / standby not provided. (after the first 24 hours)	@ Rs.240/- per day thereafter till resolved or standby provided.

- a. Maximum penalty is restricted to 10% of the cost of the hardware.
- b. If any hardware has hardware failure on four or more occasions in a quarter, it shall be replaced by equivalent new equipment by the agency at no cost to TSCL within 10 days from the date of last failure. Till the replacement is provided, the original equipment has to be kept in running condition or else a standby provided and all services restored. However, penalties for breakdown as per SLAs defined in the tender will be applicable.
- c. The penalties as above will be recovered from any payment due to the Successful Agency.

Partial/ Full damage to Hardware

- a. If the damage to the hardware is due to the power fluctuations or physical damage due to mishandling by department personnel or the damage by external factors, TSCL would bear the cost of the parts damaged but the onus of proving this will be on the Bidder. However, the Bidder will be required to provide immediate system/ solution as standby with same configuration or higher and with all services restored as if it is a normal breakdown.
- b. In case of Partial/ Full damage or loss of the equipment due to reasons beyond the control like Theft, Fire etc., the Bidder should be in a position to supply working standby equipment with same configuration or higher with all services restored, as if it is a normal breakdown.
- c. In both the cases mentioned above fresh order will be placed by TSCL with the Bidder for the supply of the new hardware against the lost/ damaged equipment/ component. Monthly rental of 5% of basic Hardware cost will be payable to the Bidder for the equipment supplied as standby. If the Bidder does not provide standby equipment, the penalties for breakdown as per SLAs will be imposed.
- d. Service Engineers/ Representatives of Bidder shall invariably carry their identity cards with them, without which they will not be allowed to access department Systems. Service Engineers of the Bidder shall have access to the Computer Systems/ Backup Solution only after obtaining clearance from department authorized officials. No component of the System/ data/ log information will be taken out of department premises without clearance from authorized Officials of the department.
- e. When stand by machine breaks down, and then normal breakdown penalty as per SLA will be applicable.

Note: The penalty on account of operational SLAs will be up to 10% of the QGR amount. Beyond two instances of the cumulative value of the penalties breaching the 10% limit, the cap on penalty on account of operational SLAs will be revised to 100% of the QGR for the remaining duration of the contract.

5. Appendix I: Pre-Qualification & Technical Bid Templates

The Bidders are expected to respond to the RFP using the forms given in this section and all documents supporting Pre-Qualification / Technical Evaluation Criteria

Pre-Qualification Bid & Technical Proposal shall comprise of following forms:

Forms to be used in Pre-Qualification Proposal

1. Form 1: Compliance Sheet for Pre-Qualification Proposal
2. Form 2: Particulars of the Bidders
3. Form 3: Manufacturers'/Producers' Authorization Form
4. Form 4: Bank Guarantee for Earnest Money Deposit (EMD)

Forms to be used in Technical Proposal

5. Form 5: Compliance Sheet for Technical Proposal Form
6. Form 6: Letter of Proposal

5.1. Form 1: Compliance Sheet for Pre-Qualification Proposal

Form 1: Compliance Sheet for Pre-Qualification Proposal (The pre-qualification proposal should comprise of the following basic requirements.

The documents mentioned in this compliance sheet along with this form, needs to be a part of the Pre-Qualification proposal)

(The pre-qualification proposal should comprise of the following basic requirements. The documents mentioned in this compliance sheet along with this form, needs to be a part of the Pre-Qualification proposal)

Sl. No	Basic Requirement	Required	Provided	Reference & Page Number
1.	Document/ Processing Fee	As per the E-Portal	Yes / No	
2.	Power of Attorney	Copy of Power of Attorney in the name of the Authorized signatory	Yes / No	
3.	Particulars of the Bidders	As per Form 2	Yes / No	
4.	Earnest Money Deposit	As per E-Portal norms	Yes / No	
5.	Sales Turnover in Hardware & Maintenance services	Extracts from the audited Balance sheet and Profit & Loss; OR Certificate from the statutory auditor	Yes / No	
6.	Letter of authorization	Certificate from the statutory auditor Certificate from the statutory auditor	Yes / No	
7.	Technical Capability	Completion Certificates from the client; OR Work Order + Self Certificate of Completion (Certified by the Statutory Auditor); OR Work Order + Phase Completion Certificate from the client	Yes / No	
8.	Local Service Centers	A Self Certified letter by an authorized signatory	Yes / No	
9.	Certifications	ISO 9001	Yes / No	
		ISO 20000	Yes / No	
10.	Legal Entity	Copy of Certificate of Incorporation; and Copy of Service Tax Registration Certificate	Yes / No	
11.	Blacklisting	Self-Certification by the authorized signatory	Yes / No	

5.2. Form 2: Particulars of the Bidder

Sl. No	Information Sought	Details to be Furnished
1.	Name and address of the bidding Company	
2.	Incorporation status of the firm (public limited / private limited, etc.)	
3.	Year of Establishment	
4.	Date of registration	
5.	ROC Reference No.	
6.	Details of company registration	
7.	Details of registration with appropriate authorities for service tax	
8.	Name, Address, email, Phone nos. and Mobile Number of Contact Person	

5.3. Form 3: Manufacturers'/Producers' Authorization

Date:

To:

OEM Authorization Letter

Dear Sir:

Ref: Your RFP Ref: [*] dated [*] We who are established and reputable manufacturers / producers of _____ having factories / development facilities at (address of factory / facility) do hereby authorize M/s _____ (Name and address of Agent) to submit a Bid, and sign the contract with you against the above Bid Invitation.

We hereby extend our full guarantee and warranty for the Solution, Products and services offered by the above firm against this Bid Invitation.

We also undertake to provide any or all of the following materials, notifications, and information pertaining to the Products manufactured or distributed by the Bidder:

- i. Such Products as the Purchaser may opt to purchase from the Supplier, provided, that this option shall not relieve the Supplier of any warranty obligations under the Contract; and
- ii. in the event of termination of production of such Products:
 - a. advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements; and
 - b. Following such termination, furnishing at no cost to the Purchaser, the design documents, operations manuals, standards and specifications of the Products, if requested.

We duly authorize the said firm to act on our behalf in fulfilling all installations, Technical support and maintenance obligations required by the contract.

Yours faithfully,

(Name) (Name of Producers)

Note: This letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and duly authorized to bind the OEM, by way of a board resolution or power of attorney to bind the manufacturer. The Bidder in its Bid should include it

5.4. Form 4: Compliance Sheet for Technical Proposal

(The Technical proposal should comprise of the following basic requirements. The documents mentioned in this compliance sheet along with this form, needs to be a part of the Technical proposal)

Sl. No .	Specific Requirement	Proposed Hardware	Version & Year of Release & EOL expected	O&M Support (Warranty/ ATS/ as required as per RFP)	OEM	Features mandated in RFP	Compliance to Features & Functionalities of the Model proposed (put "Y" or "N" only)
		Provide the Product Name or fill Custom Built, in case of a new development					

5.5. Form 5: Letter of Proposal

To:

<Location,
Date>

The Managing Director & CEO,
Tumakuru Smart City Limited,
1st Floor, Mahalakshmi Arcade, SS Puram Main Road, Coffee Board Colony,
Tumakuru- 572102

Subject: Submission of the Technical bid for ESTABLISHMENT OF SMART CLASSROOMS IN
GOVT. PU COLLEGE, TUMAKURU

Dear Sir/Madam,

We, the undersigned, offer to provide Systems Implementation solutions to the Purchaser on
ESTABLISHMENT OF SMART CLASS ROOMS IN GOVT. PU COLLEGE, TUMAKURU with
your Request for Proposal dated < -----insert date> and our Proposal. We are hereby
submitting our Proposal, which includes this Technical bid and the Financial Bid sealed in a separate
envelope.

We hereby declare that all the information and statements made in this Technical bid are true and
accept that any misinterpretation contained in it may lead to our disqualification.

We undertake, if our Proposal is accepted, to initiate the Implementation services related to the
assignment not later than the date indicated in Fact Sheet.

We agree to abide by all the terms and conditions of the RFP document. We would hold the terms of
our bid valid for <90> days as stipulated in the RFP document.

We understand you are not bound to accept any Proposal you receive.

Yours sincerely,

Authorized Signature [*In full and* _____
initials]: Name and Title of Signatory: _____

Name of Firm: _____

Address: _____

Location: _____ Date: _____

6. Appendix II: Commercial Proposal Templates

The Bidders are expected to respond to the RFP using the forms given in this section for Commercial Proposal.

Form C1: Covering Letter

Form C2: Commercial Bid Template

6.1. Form C1: Covering Letter

To:

<Location,
Date>

The Managing Director & CEO,

Tumakuru Smart City Limited,

1st Floor, Mahalakshmi Arcade, SS Puram Main Road, Coffee Board Colony,

Tumakuru- 572102

Subject: Submission of the Financial bid for ESTABLISHMENT OF SMART CLASS ROOMS IN
GOVT. PU COLLEGE, TUMAKURU

Dear Sir/Madam,

We, the undersigned, offer to provide the Implementation services for ESTABLISHMENT OF
SMART CLASS ROOMS IN GOVT. PU COLLEGE, TUMAKURU in accordance with your
Request for Proposal dated <<Date>> and our Proposal (Technical and Financial Proposals). Our
attached Financial Proposal is for the sum of <Rupees -----> (*amount in
words*) and Rs. <-----> (*amount in figures*). This amount is
Inclusive of the local taxes.

Our Financial Proposal shall be binding upon us, up to expiration of the validity period of the
Proposal, i.e., [Date].

We understand you are not bound to accept any Proposal you receive.

Thanking you,

We remain,

Yours sincerely,

Authorized Signature:

Name and Title of Signatory:

Name of Firm:

6.2. Form C2: Financial Proposal

Table 1: Hardware

#	Item	Manufacturer/ Supplier	Quantity (a)	Unit Cost, Rs. (b)	Taxes per unit, Rs. (c)	Total, Rs. $d=a \times (b+c)$
Total Cost for Hardware (A) (Amount quoted in Figures) with 3-year warranty						

Table 2: Software

Classes	Item	Quantity (a)	Amount, Rs. (b)	Taxes, Rs. (c)	Total, Rs. $c = (a \times b)+c$
VIII					
IX					
X					
Total Cost for Software (B) (Amount quoted in words)					

Table 3: Operation & Maintenance (O&M) for a period of 3 years from date of Go-Live.

#	Item	Operation & Maintenance Cost Rs. (a)	Taxes as applicable Rs. (b)	Total (Rs.) ($c=a + b$)
1	O&M for 1 st year			
2	O&M for 2 nd year			
3	O&M for 3 rd year			
Total Cost for O&M (C) (Amount quoted in words)				

Total Cost of Proposal (A+B+C):

Table 4: Annual Maintenance Contract (AMC) after 3 years from date of Go-Live

#	Item	Annual Maintenance Contract Cost Rs. (a)	Taxes as applicable Rs. (b)	Total (Rs.) ($c=a + b$)
1	AMC per year*			

* Not to be added to Total Cost of Proposal

7. Appendix III: Template for Performance Bank Guarantee

<Name>
<Designation>
<Address><P
hone
Nos.><Fax
Nos.><email
id>

Whereas, <<name of the supplier and address>> (hereinafter called “the Bidder”) has undertaken, in pursuance of contract no. <Insert Contract No.> dated. <Date> to provide Implementation services for <<name of the assignment>> to Purchaser (hereinafter called “the beneficiary”)

And whereas it has been stipulated by in the said contract that the Bidder shall furnish you with a bank guarantee by a recognized bank for the sum specified therein as security for compliance with its obligations in accordance with the contract;

And whereas we, <Name of Bank> a banking company incorporated and having its head /registered office at <Address of Registered Office> and having one of its office at <Address of Local Office> have agreed to give the supplier such a bank guarantee.

Now, therefore, we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of **Rs.<Insert Value> (Rupees <Insert Value in Words> only)** and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of Rs. **<Insert Value> (Rupees<Insert Value in Words> only)** as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Bidder before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the Bidder shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This Guarantee shall be valid until <<Insert Date>>)
Notwithstanding anything contained herein:

- I. Our liability under this bank guarantee shall not exceed **Rs. <Insert Value> (Rupees <Insert Value in Words> only).**
- II. This bank guarantee shall be valid up to <Insert Expiry Date>)

It is condition of our liability for payment of the guaranteed amount or any part thereof arising under this bank guarantee that we receive a valid written claim or demand for payment under this bank guarantee on or before <Insert Expiry Date>) failing which our liability under the guarantee will automatically cease.

8. Appendix IV: Template for Master Service Agreement

MASTER SERVICE AGREEMENT (MSA) FOR “SUPPLY, INSTALLATION, COMMISSIONING, INTEGRATION, OPERATION & MAINTENANCE OF SMART CLASS ROOMS IN GOVT. PU COLLEGE, TUMAKURU”

This agreement is made this.....Day of _____ 2017 at Tumakuru, by and between:

Tumakuru Smart City Limited (TSCL) having its office at -----
-----, Tumakuru, represented by Managing Director and Chief Executive Officer, which expression shall include his successors, assignees and administrators (hereinafter called the “TSCL”) **OF THE FIRST PART**

AND

....., a company incorporated under the companies Act 1956, having its registered office at India (hereinafter referred to as (“**Service Provider**”) through its authorized representative, which expression shall include its successors, permitted assignees of **THE SECOND PART**;

WHEREAS

The TSCL invited bid for “Supply, Installation, Commissioning, Integration, Operation & Maintenance of Smart Class Rooms in Govt. PU College, Tumakuru”. TSCL has accepted the bid submitted by the Firm and the parties have agreed to such engagement upon and subject to the terms and conditions appearing below in this Contract.

NOW THEREFORE, IN VIEW OF THE MUTUAL PROMISES AND CONSIDERATION SET OUT HEREIN,

TSCL, and the Bidder (each individually a “Party” hereto and collectively the “Parties”) have agreed to enter into this Agreement to govern the way in which the Bidder will design, develop, implement and manage the solution and facilities and deliver the services specified under this Agreement and the Service Level Agreement (“SLA”) in accordance with roles and responsibilities of the Project and its nominated agencies and the Bidder as set forth in this RFP.

1. DEFINITIONS, INTERPRETATIONS AND OTHER TERMS

1.1. Definitions

For the purpose of this Agreement, the following words and phrases shall have the meaning assigned to them under this Clause.

- a. “**Agreement**” means this Agreement together with all Schedules and the contents and specifications of the RFP. In the event of a conflict between this Agreement and the Schedules and the contents and specifications of the RFP, the terms of the Agreement shall prevail.
- b. “**Confidential Information**” means all information including Project Data (whether in written, oral { which is confirmed in writing by disclosing party within fifteen days of such oral disclosure}, electronic or other format) which relates to the technical, financial and business affairs, customers, suppliers, products, developments, operations, processes, data,

- trade secrets, design rights, know-how and personnel of each Party and its affiliates which is disclosed to or otherwise learned by the other Party (whether a Party to this Agreement or to the SLA) in the course of or in connection with this Agreement (including without limitation such information received during negotiations, location visits and meetings in connection with this Agreement or to the SLA);
- c. **“Control”** means possession, directly or indirectly, of the power to direct or cause the direction of the management or policies of any entity, whether through the ownership of voting securities, by agreement or otherwise;
 - d. **"Deliverables"** means the products, infrastructure and services agreed to be delivered by the Service Provider in pursuance of the agreement as defined more elaborately in the RFP in relation to the Implementation Phase and the Operations and Maintenance Phase and includes all documents related to the solution, user manual, technical manual, design, process and operating manuals, service mechanisms, policies and guidelines and source code and all its modifications;
 - e. **“Effective Date”** means the date on which this Agreement is executed.
 - f. **“GoK”** means Government of Karnataka
 - g. **“MD and CEO, TSCL”** shall be the person duly authorized and delegated to be the person in-charge of the present project and who shall be competent to act for and behalf of TSCL.
 - h. **“PROJECT”** means the hardware provision, connectivity management, commissioning and installation, project support, training and post implementation support.
 - i. **“Project Implementation”** means the Project Implementation as per the acceptance criteria prescribed in the RFP.
 - j. **“Project Implementation Completion date”** means the date on which the 1-year O&M period ends which will be 1 year from the date of successful Go-Live.
 - k. **"Proprietary Information"** means processes, methodologies and technical and business information, including drawings, designs, formulae, flow charts, data and computer programs already owned by, or granted by third parties to a Party hereto prior to its being made available under this Agreement, the SLA, or a Project Engagement Definition;
 - l. **"Service Level"** means the level of service and other performance criteria which will apply to the Services as set out in any applicable Project Engagement Definition;
 - m. **“Service Level Agreement (SLA)”** means this SLA for the supply, installation, implementation, testing and operation & maintenance of hardware and software, executed by and between Service Provider, in terms of the Service Level Requirements set out in this Agreement.
 - n. **“Sub Contract”** means the work allotted by Service Provider to one of other Service Provider through subcontract agreement.
 - o. **"Third Party Systems"** means Systems (or any part thereof) in which the Intellectual Property Rights are owned by a third party and to which Primary Bidder has been granted a license to use and which are used in the provision of Services;

1.2. Interpretations

- a. All appendices and other attachments to this Agreement are hereby incorporated as a part of this Agreement by this reference.
- b. References to any statute or statutory provision include a reference to that statute or statutory provision as from time to time amended, extended, re-enacted or consolidated and to all statutory instruments made pursuant to it.
- c. Words denoting the singular shall include the plural and vice versa and words denoting persons shall include firms and vice versa.
- d. Unless otherwise expressly stated, the words "herein", "hereof", "hereunder" and similar words refer to this Agreement as a whole and not to any particular Article, Appendix or other sub division. The term clause refers to clauses of this Agreement. The words "include" and "including" shall not be construed as terms of limitation. The words "day" and "month" mean "calendar day" and "calendar month" unless otherwise stated. The words "writing" and

"written" mean "in documented form", whether electronic or hard copy, unless otherwise stated.

- e. The headings and use of bold type in this Agreement are for convenience only and shall not affect the interpretation of any provision of this Agreement.
- f. Any word or expression used in this Agreement shall, unless defined or construed in this Agreement, bear its ordinary English language meaning.
- g. This Agreement shall operate as a legally binding services agreement specifying the master terms which apply to the Parties under this Agreement and to the provision of the Services to the by the Service Provider to the Project under the duly executed SLA.

2. COMMENCEMENT & TERM

- 2.1 This Agreement shall commence from its date of execution mentioned above/ deemed to have commenced from _____ (Effective Date).
- 2.2 This Agreement shall be in force for a period of 16 months unless terminated by the TSCL by notice in writing in accordance with the termination clauses of this Agreement.
- 2.3 The TSCL shall have the right at its discretion to renew this Agreement in writing, for a further term of _____ years on the same terms and conditions.
- 2.4 Unless terminated earlier in accordance with this Agreement, the Agreement shall come to an end on completion of the term specified in the Agreement or on expiration of the renewed term.

3. SCOPE OF SERVICES:

- 3.1 The scope and nature of the work which the Bidder has to provide to the TSCL (the “**Services**”) is as follows:
 - a. The scope of this Agreement includes Supply, Installation, Commissioning, Integration, Operation & Maintenance of Smart Class Rooms in Govt. PU College, Tumakuru.
 - b. Smart Class aims at bringing technology into the classroom. It brings an exhaustive repository of digital modules or lessons, (consisting of 2D animations, graphics, audio and video) on every subject, which the teacher could easily access and project in the classroom that illuminated and explained abstract and difficult concepts with liquid clarity. The objective of this project is to bring in Smart classrooms to the Government PU College in Tumakuru.
 - c. The detailed scope of work as elaborated in the RFP shall form an integral part of this master service agreement.

4. REPRESENTATIONS AND WARRANTIES

4.1 Each of the Parties represents and warrants in relation to itself to the other that:

- a) It has all requisite power and authority to execute, deliver and perform its obligations under this Agreement and has been fully authorized through requisite processes to do so.
- b) The person(s) signing this agreement on behalf of the Parties have the necessary authority, power and requisite approval/(s) for execution of this Agreement and to bind the Service Provider for due performance as set out in this Agreement. It has all necessary statutory and regulatory permissions, approvals and permits for the running and operation of its business.
- c) It has full right, title and interest in and to all software, copyrights, trade names, trademarks, service marks, logos symbols and other proprietary marks (collectively ‘IPR’) (including appropriate limited right of use of those owned by any of its service providers, affiliates or subcontractors) which it provides to the other Party, for use related to the services to be

provided under this Agreement, and that any IPR provided by a Party does not infringe the IPR status of any third party.

- d) It will provide such cooperation as the other Party reasonably requests in order to give full effect to the provisions of this Agreement.
- e) The execution and performance of this Agreement by either of the Parties does not and shall not violate any provision of any of the existing Agreement with any of the party and any other third party.

4.3 Additional Representation and Warranties by Service Provider.

- a) The Service Provider shall perform the Services and carry out its obligations under the Agreement with due diligence, efficiency and economy, in accordance with generally accepted techniques and best practices used in the industry and with professional standards recognized by international/national professional bodies and shall observe sound management practices. It shall employ appropriate advanced technology and safe and effective equipment, machinery, material and methods.
- b) The Service Provider has the requisite technical and other competence, sufficient, suitable, qualified and experienced manpower/personnel and expertise in providing the Services to the TSCL.
- c) The Service Provider shall duly intimate to the TSCL immediately, the changes, if any change in the constitution / change of ownership of the Service Provider.
- d) The services and products provided by the Service Provider to the TSCL do not violate or infringe any patent, copyright, trademarks, trade secrets or other IPR of any third party.
- e) The Service provider shall ensure that all persons, employees, workers and other individuals engaged by or sub-contracted by the Service Provider in rendering the Services under this Agreement have undergone proper background check, police verification and other necessary due diligence checks to examine their antecedence and ensure their suitability for such engagement. No person shall be engaged by the Service provider unless such person is found to be suitable in such verification and the Service Provider shall retain the records of such verification and shall produce the same to the TSCL as when requested.

5. RESPONSIBILITIES OF THE TSCL

- a) Policy directions and guidance for successful execution
- b) Approve project components and designs
- c) Ensure issue resolution during implementation and post-implementation phases
- d) Release of timely payments to the Service Provider as provided in this Agreement/RFP
- e) Review progress of the Project
- f) Administrative support in setting up meetings with other project organizations and agencies
- g) Provide required space for setting up the unit

6. RESPONSIBILITIES OF THE SERVICE PROVIDER

- a) Site preparation & supply of hardware and equipment as per the RFP/Contract
- b) Installation and Commissioning
- c) Provide post installation technical support
- d) Provide operations and maintenance for 3 year from date of Commissioning.

7. CONFIDENTIALITY

7.1 For the purpose of this Agreement, Confidential Information shall mean

- (i) information of all kinds, whether oral, written or otherwise recorded including, without limitation, any analyses, compilations, forecasts, data, studies or other documents,

- regarding the past, current or future affairs, business, plans or operations of a Party to which the other Party will have access,
- (ii) the existence of the contemplated terms and the fact that discussions or negotiations are taking place or have taken place between the Parties concerning the contemplated terms,
 - (iii) any and all information regarding the contemplated terms and any agreements that may be entered into in relation thereto and
 - (iv) any customer details or other data received by a Party from the other Party or its customer(s) or otherwise shared between the Parties in connection with the Service.

7.2 In consideration of each Party providing the other Party or its' representatives with the Confidential Information, the Parties agree as follows:

- a. Each Party shall keep confidential and shall not, directly or indirectly, disclose, except as provided in sub-clauses below, in any manner whatsoever, in whole or in part, the Confidential Information without the other Party's prior written consent.
- b. Each Party shall hold the Confidential Information in confidence and shall exercise all reasonable diligence in ensuring that the Confidential Information is not disclosed to third parties and will refrain from using the Confidential Information for any purpose whatsoever other than for the purposes of this Agreement or for the purpose for which such information is supplied.
- c. Notwithstanding the above, each Party may reveal the Confidential Information to those of its representatives, those of its' holding company and those of its subsidiaries who are involved in the negotiation or evaluation of the Project, and shall procure and ensure that each of them complies with the obligation to keep the Confidential Information secret, private and confidential and strictly observes the terms of this Agreement.
- d. The confidentiality obligation shall not apply to such portions of the Confidential Information (other than the Customer details/ data of the TSCL) which one of the Parties can demonstrate
 - i. are or become generally available to the public other than as a result of any breach of this Agreement,
 - ii. were in its possession on a non-confidential basis prior to the date hereof or
 - iii. have been rightfully received from a third party after the date hereof without restriction on disclosure and without breach of this Agreement, said third party being under no obligation of confidentiality to the other Party with respect to such Confidential Information.
- e. In the event that a Party becomes legally compelled pursuant to any statutory or regulatory provision, court or arbitral decision, governmental order, or stock exchange requirements to disclose any of the Confidential Information, the compelled Party, as far as possible will provide the other Party with prompt written notice. In any case, the compelled Party will furnish only that portion of the Confidential Information which is legally required and will exercise all reasonable efforts to obtain reliable assurance that confidential treatment will be accorded to the Confidential Information.
- f. In the event of termination or expiry of this Agreement, each Party shall either
 - i. promptly destroy all copies of the written (including information in electronic form) Confidential Information in its possession or that of its representatives; or
 - ii. promptly deliver to the other Party at its own expense all copies of the written Confidential Information in its possession or that of its representatives, provided, however, that
 - a. no notes, memoranda, analyses, studies or other documents prepared by it or its advisers in connection with the Services shall be returned or destroyed, but they shall be disposed in accordance with any

- specific directions in this Agreement or held and kept confidential, and that
- b. each Party shall be permitted to retain one copy of the Confidential Information for the purposes of dispute resolution, compliance with regulatory agency or authority and internal compliance procedures, provided such copies being held and kept confidential.
 - g. By furnishing the Confidential Information, no Party makes an express or implied representation or warranty as to the accuracy or completeness of the Confidential Information that it has disclosed and each Party expressly disclaims any liability that may be based on the Confidential Information, errors therein or omissions there from, save in the case of fraud or wilful default.
- 7.3 The Service Provider shall not, without the TSCL's prior written consent, disclose the Agreement, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the TSCL in connection therewith, to any person other than a person employed by the Service Provider in the Performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far, as may be necessary to purposes of such performance.
- 7.4 The Service Provider shall not, without the TSCL's prior written consent, make use of any document or information received from the TSCL except for purposes of performing the services and obligations under this Agreement.
- 7.5 Any document received from the TSCL shall remain the property of the TSCL and shall be returned (in all copies) to the TSCL on completion of the Service Provider's performance under the Agreement.
- 7.6 The obligations set out in this Article shall continue even after the termination/ expiry of this Agreement. Confidentiality obligations of the Service Provider in respect of any customer data/ details of the TSCL shall be absolute, unconditional and without any time limit, irrespective of the expiry/ termination of the Agreement.
- 7.7 Service Provider agrees to indemnify and hereby keeps the TSCL indemnified against all actions, claims, loss, damages, Costs, Charges, expenses (including Attorney / Advocate fees and legal expenses) which the TSCL may suffer or incur on account of breach of confidentiality obligations as per this Agreement by Service Provider or its employees, agents, representatives, Sub-Contractors. Service Provider further agrees to make good the loss suffered by the TSCL upon first demand by the TSCL which shall be final, conclusive and binding on Service Provider.

8. RELATIONSHIP BETWEEN THE PARTIES.

- 8.1 It is specifically agreed that the Service Provider shall act as independent service provider and shall not be deemed to be the Agent of the TSCL except in respect of the transactions/services which give rise to Principal - Agent relationship by express agreement between the Parties.
- 8.2 Neither the Service Provider nor its employees, agents, representatives, Sub-Contractors shall hold out or represent as agents of the TSCL.
- 8.3 None of the employees, representatives or agents of Service Provider shall be entitled to claim permanent absorption or any other claim or benefit against the TSCL.
- 8.4 This Agreement shall not be construed as joint venture. Each Party shall be responsible for all its obligations towards its respective employees. No employee of any of the two Parties shall claim to be employee of other Party.
- 8.5 All the obligations towards the employees of a Party including that on account of personal accidents occurred while working in the premises of the other Party shall be with the respective employer and not on the Party in whose premises the accident occurred.

9. SUB-CONTRACTING

- 9.1 No sub-contracting of any part of the Services by the Service Provider shall be allowed other than those specifically mentioned in this Agreement or agreed by the TSCL in writing.

- 9.2 The Service Provider agrees to obtain prior approval/consent of the TSCL of the use of subcontractors by the Service Provider for any part of the Services.
- 9.3 Before engaging Sub-Contractor, the Service Provider shall carry out due diligence process on sub-contracting/ sub-contractor to the satisfaction of the TSCL and obtain its approval. TSCL shall be provided with the requisite information in case if it desires so during such approval process.
- 9.4 In the event of sub-contracting the Service Provider shall ensure that suitable documents including confidentiality agreement are obtained from the subcontractor and the Service Provider shall ensure that the secrecy and faith of TSCL's data / processes is maintained.
- 9.5 Notwithstanding approval of the TSCL for sub-contracting, the Service Provider shall remain liable to the TSCL for all acts/omissions of sub-contractors.
- 9.6 In respect of that part of the services where chain outsourcing and sub-contractors are permitted by the TSCL, the sub-contractor should have same level of obligations as that of the Service Provider and the Service Provider agrees to obtain suitable documents in this regard from the sub-contractor.

10. PERFORMANCE GUARANTEE & PENALTY

- 10.1 The Service Provider has to furnish a performance guarantee (the "PBG") for an amount of Rs. _____ from a Nationalized / Scheduled Commercial bank in the format provided/ approved by the TSCL.
- 10.2 Performance of the obligations under the Agreement shall be made by the Service Provider in accordance with the time schedule¹⁴ specified in this Agreement.
- 10.3 Any unexcused delay by the Service Provider in the performance of its Contract obligations shall render the Service Provider liable to Termination of this Agreement or default and the provisions of 16 shall apply upon termination
- 10.4 If at any time during performance of the Contract, the Service Provider should encounter unexpected conditions impeding timely completion of the Services under the Agreement and performance of the services, the Service Provider shall promptly notify the TSCL in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable, after receipt of the Service Provider's notice, the TSCL shall evaluate the situation and may at its discretion, after ascertaining the reasonableness of such demand, extend the Service Provider's time for performance, in which case the extension shall be ratified by the Parties by amendment of the Agreement.
- 10.5 The Service Provider shall be liable to pay penalty at the rate mentioned below in respect of any delay beyond the permitted period in providing the Services.
- a. The rate of penalty is 1% of the contract value for 1 week of delay to a maximum of 10 % of the contract value.

11. FORCE MAJEURE

- 11.1 Notwithstanding anything contained in the Agreement, neither Party shall be liable for any delay in performing its obligations herein if and to the extent that such delay is the result of an event of Force Majeure.
- 11.2 For the purposes of this clause, 'Force Majeure' means and includes wars, insurrections, revolution, civil disturbance, riots, terrorist acts, public strikes, hartal, bundh, fires, floods, epidemic, quarantine restrictions, freight embargoes, declared general strikes in relevant industries, Vis Major Act of Government, impeding reasonable performance of the Service Provider and / or Sub-Contractor but does not include any foreseeable events, commercial considerations or those involving fault or negligence on the part of the party claiming Force Majeure.
- 11.3 If a Force Majeure situation arises, the Service Provider shall promptly notify the TSCL in writing of such conditions, the cause thereof and the likely duration of the delay. Unless otherwise directed by the TSCL in writing, the Service Provider shall continue to perform its

- obligations under the Agreement as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- 11.4 If the event of Force Majeure continues for a period more than 30 days, the TSCL shall be entitled to terminate this Agreement at any time thereafter. Neither party shall have any penal liability to the other in respect of the termination of this Contract as a result of an Event of Force Majeure. However, Service Provider shall be entitled to receive payments for all services actually rendered up to the date of the termination of this Agreement.

12. COMPLIANCE WITH LAWS.

- 12.1 Service Provider hereby agrees and declares that it shall be the sole responsibility of Service Provider to comply with the provisions of all the applicable laws, concerning or in relation to rendering of Services by Service Provider as envisaged under this agreement.
- 12.2 Service Provider shall procure and maintain all necessary licenses permissions, IPR, approvals from the relevant authorities under the applicable laws throughout the currency of this Agreement.
- 12.3 Service Provider shall be solely liable & responsible for compliance of applicable Labor Laws in respect of its employees, agents, representatives and sub-Contractors and in particular Laws relating to terminal benefits such as Pension, Gratuity, Provident Fund, Bonus or other benefits to which they may be entitled and the Laws relating to Contract Labor, Minimum Wages, etc., and the TSCL shall have no liability in these regards. Further, the Service Provider would indemnify/make good for the losses to the TSCL for non-compliance or any claims against the TSCL arising out of any non-compliance as above.
- 12.4 Service Provider confirms that it has full authority to enter into this Agreement and render the Services as envisaged under this Agreement and all Corporate or other necessary approvals have been obtained for entering into this Agreement with the TSCL. Further, the persons executing this Agreement on behalf of the Service Provider have full authority and power to execute this Agreement and bind Service Provider.

13. RIGHT TO AUDIT

- 13.1 It is agreed by and between the parties that the Service Provider shall get itself annually audited by external empanelled Auditors appointed by the TSCL or any regulatory authority, covering the risk parameters finalized by the TSCL/ such auditors in the areas of products (IT hardware/ software) and services etc. provided to the TSCL and the service provider shall submit such certification by such Auditors to the TSCL. The service provider and or his / their outsourced agents / sub – contractors (if allowed by the TSCL) shall facilitate the same. The TSCL can make its expert assessment on the efficiency and effectiveness of the security, control, risk management, governance system and process created by the Service Provider. The Service Provider shall, whenever required by such Auditors, furnish all relevant information, records/data to them. All costs for such audit shall be borne by the TSCL.
- 13.2 Where any deficiency has been observed during audit of the Service Provider on the risk parameters finalized by the TSCL or in the certification submitted by the Auditors, it is agreed upon by the Service Provider that it shall correct/ resolve the same at the earliest and shall provide all necessary documents related to resolution thereof and the auditor shall further certify in respect of resolution of the deficiencies. It is also agreed that the Service Provider shall provide certification of the auditor to the TSCL regarding compliance of the observations made by the auditors covering the respective risk parameters against which such deficiencies observed.
- 13.3 Service Provider further agrees that whenever required by the TSCL, it will furnish all relevant information, records/data to such auditors and/or inspecting officials of the TSCL required for conducting the audit. The TSCL reserves the right to call and/or retain for any relevant material information / reports including audit or review reports undertaken by the Service Provider (e.g., financial, internal control and security reviews) and findings made on the Service Provider in conjunction with the services provided to the TSCL.

14. FEES, TAXES DUTIES & PAYMENTS

- 14.1 Service Provider shall be paid fees and charges in the manner detailed in hereunder written subject to deduction of income tax thereon wherever required under the provisions of the Income Tax Act by the TSCL.

No advance payment will be made. The milestone payments schedule is provided below:

S. No.	Payment Percentage	Payment Milestone
1	15% of the total project cost along with applicable taxes	After successful delivery of all the hardware and software provisioned under this project. Delivery sign-off form duly issued by the P.U College authority, needs to be submitted by the selected bidder prior to claim the payment.
2	55% of the total project cost along with applicable taxes	After successful Go-Live of the project as per the scope of work.
3	10% of the total project cost along with applicable taxes	On successful completion of training for all teachers
4	20% of the total project cost along with applicable taxes	To be paid in equal quarterly instalments for a period of 36 months from the date of Go-Live, subject to fulfilment of SLA requirements

- 14.2 Service Provider should ensure that there is no reinstatement of required licenses if any. The taxes would be paid at the prevalent rates
- 14.3 All expenses, stamp duty and other charges/ expenses in connection with execution of this Agreement shall be borne by Service Provider

15. GENERAL INDEMNITY

- 15.1 Service Provider agrees and hereby keeps the TSCL indemnified against all claims, actions, loss, damages, reputation loss, costs, expenses, charges, including legal expenses (Attorney, Advocates fees included) which the TSCL may suffer or incur on account of any deficiency in Services rendered by Service Provider or any acts of Commission / omission on the part of employees, agents, representatives or Sub-Contractors of Service Provider. Service Provider agrees to make good the loss suffered by the TSCL on first demand made by the TSCL in this regard which shall be final conclusive and binding on Service Provider.
- 15.2 Service Provider further undertakes to promptly notify the TSCL in writing any breach of obligation of the agreement by its employees or representatives including confidentiality obligation and in such an event, the TSCL will in addition to and without prejudice to any other available remedies be entitled to immediate equitable relief in a Court of competent jurisdiction to protect its interest including injunctive relief.
- 15.3 The Service Provider shall be directly and vicariously liable to indemnify the TSCL in case of any misuse of data/information of the TSCL by the Service Provider, deliberate or otherwise.
- 15.4 The Service Provider shall indemnify and keep fully and effectively indemnified the TSCL against all costs, claims, damages, demands, expenses and liabilities of whatsoever nature arising out of or in connection with all claims of infringement of trade mark, patent, copyright, IPR, industrial design or any other intellectual property rights of any third party arising from the Services or use of software or any other product under this Agreement, subject to the following condition(s):
- The TSCL shall promptly notify the Service Provider in writing of any allegations of infringement of which it has notice;

- b. The TSCL shall not make any admission of claims causing prejudice to the defence of the Service Provider against such claims without the Service Provider's prior written consent;

16. TERMINATION

- 16.1 The TSCL may, without prejudice to any other remedy for breach of contract, written notice of not less than thirty days sent to the Service Provider, terminate the Agreement in whole or in part:
- c. if the Service Provider fails to deliver any or all the obligations within the time period specified in the Agreement, or any extension thereof granted by the TSCL;
 - d. if the Service Provider fails to perform any other obligation(s) under the Agreement;
 - e. for any reasons which the TSCL, at its sole discretion consider a fit and proper ground for termination of the Agreement;
 - f. on the happening of any termination event mentioned herein above in this Agreement;
 - g. for convenience; or
 - h. in the interest of the TSCL.
- 16.2 The TSCL shall have a right to terminate the Agreement immediately by giving a notice in writing to Service Provider in the following eventualities:
- a. If any Receiver/Liquidator is appointed in connection with the business of the Service Provider or Service Provider transfers substantial assets in favor of its creditors or any orders / directions are issued by any Authority / Regulator which has the effect of suspension of the business of Service Provider.
 - b. If Service Provider applies to the Court or passes a resolution for voluntary winding up of Service Provider or any other creditor / person files a petition for winding up or dissolution of Service Provider.
 - c. If Service Provider, in reasonable opinion of the TSCL is unable to pay its debts or discharge its liabilities in normal course of business.
 - d. If Service Provider is unable to render the services up to the mark as envisaged under this agreement upon a reasonable assessment of the circumstances by the TSCL which affect rendering of the services by Service Provider as envisaged under this agreement.
 - e. If any acts of commission or omission on the part of Service Provider or its agents, employees, subcontractors or representatives, in the reasonable opinion of the TSCL tantamount to fraud or prejudicial to the interest of the TSCL or its customers.
 - f. If Service Provider is owned/ controlled wholly/ partly by any other TSCL operating in India. If any officer/ employee/ director of Service Provider or their relatives as defined in section 6 of the Companies Act, 1956 becomes a director of the TSCL.
- 16.3 In the event of the termination of the Agreement, Service Provider shall be liable and responsible to return to the TSCL all records, documents, data and information including Confidential Information pertains to or relating to the TSCL and the Project in its possession.
- 16.4 In the event of termination of the Agreement for any reason, TSCL shall have the right to give suitable publicity to the same including advising the Indian TSCL's Association.
- 16.5 In the event of termination of the Agreement or on the expiry of the term/ renewed term of this Agreement, the Service Provider shall render all reasonable assistance and help to the TSCL and any Service Provider engaged by the TSCL for the smooth switch over and continuity of the Services or if so required by the TSCL take all necessary steps to bring the Services to a close in a prompt and orderly manner.
- 16.6 Upon termination or expiration of this Agreement, all rights and obligations of the Parties hereunder shall cease, except:

- (a) such rights and obligations as may have accrued on the date of termination or expiration;
- (b) the obligation of confidentiality; and
- (c) any right which a Party may have under the Application Law.

17. CONTINGENCY PLANS & CONTINUITY ARRANGEMENTS.

- 17.1 The Service Provider shall arrange and ensure proper contingency plans to meet any unexpected obstruction to the Service Provider or any employees or sub-contractors or Agents of the Service Provider in rendering the Services or any part of the same under this Agreement to the TSCL.
- 17.2 The Service Provider agrees for the following continuity arrangements to ensure the business continuity of the TSCL.
- a. In the event of this Agreement comes to end on account of termination or by the expiry of the term/ renewed term of the Agreement or otherwise, the Service Provider shall render all reasonable assistance and help to the TSCL and to any new contractor engaged by the TSCL, for the smooth switch over and continuity of the Services.
 - b. In the event of failure of the Service Provider to render the Services or in the event of termination of agreement or expiry of term or otherwise, without prejudice to any other right, the TSCL at its sole discretion may make alternate arrangement for getting the Services contracted with another service provider. In such case, the TSCL shall give prior notice to the existing Service Provider. The existing Service Provider shall continue to provide services as per the terms of contract until a 'New Service Provider' completely takes over the work. During the transition phase, the existing Service Provider shall render all reasonable assistance to the new Service Provider within such period prescribed by the TSCL, at no extra cost to the TSCL, for ensuring smooth switch over and continuity of services. If existing service provider is in breach of this obligation, they shall be liable for paying a penalty of 10% of the CAPEX Cost to the TSCL, which may be settled from the payment of invoices for the contracted period.

18. ARBITRATION

- 18.1 Any and all disputes, controversies and conflicts ("Disputes") arising out of this Agreement or in connection with this Agreement or the performance or non-performance of the rights and obligations set forth herein, or the breach, termination, invalidity or interpretation thereof shall be referred for arbitration in terms of the Arbitration and Conciliation Act, 1996 (Arbitration Act) or any amendments thereof. Prior to submitting the Disputes to arbitration the parties shall make all endeavours to settle the dispute/s through mutual negotiation and discussions. In the event that the said dispute/s are not settled within 30 days of the arising thereof as evidenced through the first written communication from any party notifying the other regarding the disputes, the same shall finally be settled and determined by arbitration as above.
- 18.2 The place of arbitration shall be at Bengaluru and the language used in the arbitral proceedings shall be English. Arbitration shall be conducted by a mutually appointed sole arbitrator. If the Parties are unable to agree upon a sole Arbitrator, each Party shall appoint one arbitrator and the two arbitrators so appointed by the Parties shall appoint the third arbitrator, who shall be the Chairman of the Arbitral Tribunal.
- 18.3 The arbitral award shall be in writing and subject to the provisions of the Arbitration and Conciliation Act, 1996 Act shall be enforceable in any court of competent jurisdiction. 18.4 Pending the submission to arbitration and thereafter, till the Arbitrator or the Arbitral Tribunal renders the award or decision, the Parties shall, except in the event of termination of this Agreement or in the event of any interim order/award is granted under the afore stated Act, continue to perform their obligations under this Agreement.

19. GOVERNING LAW & JURISDICTION

- 19.1 The Agreement shall be governed and construed in accordance with the Laws of Republic of India.
- 19.2 The Parties agree to submit to the exclusive jurisdiction of the appropriate court in Karnataka in connection with any dispute between the Parties under the Agreement.

20. ENTIRE AGREEMENT

- 20.1 This Agreement constitutes the entire agreement between the Parties with respect to the subject matter hereof and supersedes all prior written agreements, undertakings, understandings and negotiations, both written and oral, between the Parties with respect to the subject matter of the Agreement, except which are expressly annexed or attached to this Agreement and saved by this Agreement. No representation, inducement, promise, understanding, condition or warranty not set forth herein has been made or relied upon by any Party hereto.
- 20.2 This Agreement comprises this Agreement and the following Appendices/ Addendums/ Annexure/Schedules 17 which shall be integral part of this Agreement, and the Parties shall be bound by the terms and conditions contained therein:
- a) This Contract and the Annexure attached to the Contract
 - b) Notification of Award (Letter of Intent) dated issued by the TSCL in favor of the Successful bidder
 - c) Performance Bank Guarantee Submitted by <<Successful Bidder>> dated <<Insert Date>> (the "PBG")
 - d) The Bid and Price Schedules submitted by the Successful Bidder
 - e) Pre-bid conference minutes and additional Pre-bid minutes
 - f) Bid document with modifications, Addendums and corrigendum, if any

21. SEVERABILITY

- 21.1 If any part or any provision of this Agreement is or becomes illegal, invalid or unenforceable, that part or provision shall be ineffective to the extent of such invalidity or unenforceability only, without in any way affecting the validity or enforceability of the remaining parts of said provision or the remaining provisions of this Agreement. The Parties hereby agree to attempt to substitute any invalid or unenforceable provision with a valid or enforceable provision, which achieves to the greatest extent possible the economic, legal and commercial objectives of the invalid or unenforceable provision.

22. NOTICES

- 22.1 Any notice, invoice, approval, advice, report or any other communication required to be given under this Agreement shall be in writing and may be given by delivering the same by hand or sending the same by prepaid registered mail, telegram or facsimile to the relevant address set forth below or such other address as each Party may notify in writing to the other Party from time to time. Any such notice given as aforesaid shall be deemed to be served or received at the time upon delivery (if delivered by hand) or upon actual receipt (if given by telegram or facsimile) or seven (7) clear days after posting (if sent by post).
- 22.2 A notice shall be effective when it is delivered or on the effective date of the notice, whichever is later.
- 22.3 Address for communication to the Parties are as under:
- a. To the TSCL

MD and CEO,
Tumakuru Smart City Limited
Mahalakshmi Arcade, S.S. Puram Main Road,
Coffee Board Colony, Tumakuru– 572102

b. To Service Provider

<< Insert Name of the Successful Bidder >>

23. MISCELLANEOUS

- 23.1 Any provision of this Agreement may be amended or waived, if, and only if such amendment or waiver is in writing and signed, in the case of an amendment by each party, or in this case of a waiver, by the Party against whom the waiver is to be effective.
- 23.2 No failure or delay by any Party in exercising any right, power or privilege hereunder shall operate as a waiver thereof nor shall any single or partial exercise of any other right, power or privilege. The rights and remedies herein provided shall be cumulative and not exclusive of any rights or remedies provided by law.
- 23.3 Neither this Agreement nor any provision hereof is intended to confer upon any person/s other than the Parties to this Agreement any rights or remedies hereunder.
- 23.4 The Service Provider shall execute and deliver such additional documents and perform such additional actions, as may be necessary, appropriate or reasonably requested to carry out or evidence the transactions contemplated hereby.
- 23.5 In case of any change in applicable laws that has an effect on the terms of this Agreement, the Parties agree that the Agreement may be reviewed, and if deemed necessary by the Parties, make necessary amendments to the Agreement by mutual agreement in good faith.
- 23.6 If this Agreement is signed in counterparts, each counterpart shall be deemed to be an original.
- 23.7 The Service Provider shall not assign or transfer all or any of its rights, benefits or obligations under this Agreement without the approval of the TSCL. The TSCL may, at any time, assign or transfer all or any of its rights, benefits and obligations under this Agreement.
- 23.8 All plans, drawings, specifications, designs, reports, Software, IPR and other documents prepared by the Service Provider in the execution of the Agreement shall become and remain the property of the TSCL, and before termination or expiration of this Agreement the Service Provider shall deliver all such documents, prepared under this Agreement along with a detailed inventory thereof, to the TSCL.
- 23.9 The Service Provider agrees that they shall not use the logo, trademark, copy rights or other proprietary rights of the TSCL in any advertisement or publicity materials or any other written communication with any other party, without the prior written consent of the TSCL.
- 23.10 The Service Provider agrees to preserve the documents and data in respect of the Services for such period in accordance with the legal/regulatory obligation of the TSCL in this regard.
- 23.11 The Parties agree that the TSCL shall have the right, but without any obligation to monitor and assess the Services to enable the TSCL to take necessary corrective measures, provided any such monitoring shall not amount to supervision of any of the jobs of the Service Provider or the employees of the Service Provider.
- 23.12 The TSCL should have right to conduct surprise checks of the Service Provider's activities in respect of the Services.
- 23.13 The Service Provider agrees that the Complaints/feedback, if any received from the customers of the TSCL in respect of the Services by Service Providers shall be recorded and TSCL shall have access to such records and Redressal of customer complaints by the Service Provider.
- 23.14 The Service Provider agrees that the TSCL shall have the right to disclose the details of this Agreement and the details of Services covered herein TSCL.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their duly authorized representatives as of the date and day first mentioned above.

SELECTION OF AGENCY FOR ESTABLISHMENT OF SMART CLASS ROOMS IN GOVT. PU COLLEGE,
TUMAKURU

For and behalf of Tumakuru Smart City Limited

in the presence of _____

For and on behalf of the << Successful Bidder>>

Signed: _____

In the capacity of << Name and Designation>>

In the presence of _____

Place: Tumakuru

Date:

CONTRACT DATA

Items marked "N/A" do not apply in this Contract.

The following documents are also part of the Contract:

1. The Employer is: **Tumakuru Smart City Limited (TSCL)**

Name: **MD and CEO, TSCL**
Address: **Mahalakshmi Arcade, S.S. Puram Main Road,
Coffee Board Colony, Tumakuru– 572102, Karnataka State**
2. Name of Authorized Representative: **Executive Engineer, TSCL**
3. The name and identification number of the Contract is: ESTABLISHMENT OF SMART CLASS ROOMS IN GOVT. PU COLLEGE, TUMAKURU, **Tender Ref. No** _____
4. The start date shall be the date of contract agreement and will be: _____
5. The Intended Completion Date for the whole of the work is: _____
6. The following documents also form part of the Contract:
 - a. Master Service Agreement
 - b. Letter of Intent
 - c. Contract Data
 - d. The Request for Proposal (RFP) Document along with all addenda and corrigenda
 - e. Specifications as per BOQ
 - f. Bill of quantities.
7. The Site Possession Date is _____
8. The Site is located at Govt. PU College Premises, Tumakuru, Karnataka
9. The Warranty Period is 3 years from the date of Go Live and shall have the following conditions:
 - 9.1 The Service Provider warrants that the hardware & Software or any part thereof shall be free from defects in the incidental design, engineering, materials, and workmanship of the Hardware and software supplied and of the work executed.
 - 9.2 If during the warranty Period any defect should be found in the Hardware and Software supplied or of the work executed by the Service Provider, the Service Provider shall promptly, in consultation and agreement with the Purchaser regarding appropriate remedying of the defects, and at its cost, repair, replace or otherwise make good as the Service Provider shall determine at its discretion, such defect as well as any damage to the Facilities caused by such defect.
 - 9.3 The Purchaser shall give the Service Provider a notice stating the nature of any such defect together with all available evidence thereof, promptly following the discovery thereof.
 - 9.4 The Service Provider may, with the consent of the Purchaser, remove from the Site any Hardware that are defective if the nature of the defect, and/or any damage to the Facilities caused by the defect, is such that repairs cannot be expeditiously carried out at the Site.
 - 9.5 If the repair, replacement, or making good is of such a character that it may affect the efficiency of the Facilities or any part thereof, the Purchaser may give to the service provider a notice requiring that tests of the defective part of the Facilities shall be made by the service provider immediately upon completion of such remedial work, whereupon the service provider shall carry out such tests. If such part fails the tests, the service provider shall carry out further repair, replacement, or making good, as the case

SELECTION OF AGENCY FOR ESTABLISHMENT OF SMART CLASS ROOMS IN GOVT. PU COLLEGE,
TUMAKURU

may be, until that part of the Facilities passes such tests. The tests shall be agreed upon by the Purchaser and the service provider

9.6 If the service provider fails to commence the work necessary to remedy such defect or any damage to the Facilities caused by such defect within a reasonable time (which shall in no event be considered to be less than fifteen (15) days), the Purchaser may, following notice to the service provider, proceed to do such work, and the reasonable costs incurred by the Purchaser in connection therewith shall be paid to the Purchaser by the service provider or may be deducted by the Purchaser from Service Provider bills

10. The liquidated damages for the whole of the works are 0.1% per day of delay. The maximum amount of liquidated damages for the whole of the works is 10 % of final contract price

11. Insurance requirements are as under Clause 12 of CC 12

Type of Cover	Minimum cover for Insurance	
(i)	Loss or damage to property of Third Party	Full replacement cost
(ii)	Personal injury or death insurance (a) For Third Party Rs. 20.00 lakhs at Rs. 5.00 lakhs for 4 persons. (b) for Contractor's employees or labour In accordance with the statutory requirements applicable to Karnataka	

Signature

Signature

Service Provider / System Integrator,

MD & CEO, TSCL

..... END OF DOCUMENT