

Tripura State Computerisation Agency (TSCA)

(A society of Directorate of Information Technology, Government of Tripura)

**ITI Road, Indranagar
Agartala, Tripura - 799 006**

TENDER NO.F.7(10)/TSCA/VCS/2018

Tender for Supply, Installation, Commissioning and Testing of Video Conferencing System and ICT Equipment at Secretariat Building, Capital Complex, Agartala

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Important Information to Bidders

Sl. No.	Information	Details
1.	Tender No.	F.7(10)/TSCA/VCS/2018
2.	Tender Publication Detail	The tender form can be seen and downloaded from the website https://tripuratenders.gov.in and also from Directorate of IT website at https://dit.tripura.gov.in and https://tripura.gov.in . The stated Tender is in e-Tender mode with built-in e-Bid and their online evaluation and can only be accessed through https://tripuratenders.gov.in .
3.	Date of Commencement of Bid	27 th February, 2019
4.	Date & Time of Pre-Bid Meeting	7 th March, 2019 at 11:00 AM
5.	Last Date & Time For Receipt of eBids	27 th March, 2019 upto 5:00 PM
6.	Date & Time of Opening of Technical Bids	29 th March, 2019 at 11:00 AM
7.	Bid Validity Period	180 days from the date of floating the tender.
8.	Tender Fee	Rs 6000/- (Rupees six thousand) only in the form of DD in favor of Member Secretary, Tripura State Computerisation Agency (A Society under Directorate of Information Technology, Govt. of Tripura), payable at Agartala.
9.	EMD Amount	Rs 1,20,000 /- in the form of DD in favor of Member Secretary, Tripura State Computerisation Agency (A Society under Directorate of Information Technology, Govt. of Tripura) payable at Agartala.
10.	Performance Bid Security (PBG) Amount	10% of the project cost as a security deposit for period of three and half (3.6) years in the form of Demand Draft/Performance Bank Guarantee.
11.	Address For Communication / Pre-Bid / Submission/ Opening of Technical & Commercial Bid	Member Secretary, Tripura State Computerisation Agency (A Society under Directorate of Information Technology, Govt. of Tripura), ITI Road, Indranagar, Agartala-799006
12.	Contact person	Shri Uttam Podder, Joint Director
13.	Contact email	itdept-tr@nic.in
14.	Contact Phone No	0381-2355751 (telefax)

SECTION – I

1. Definitions

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

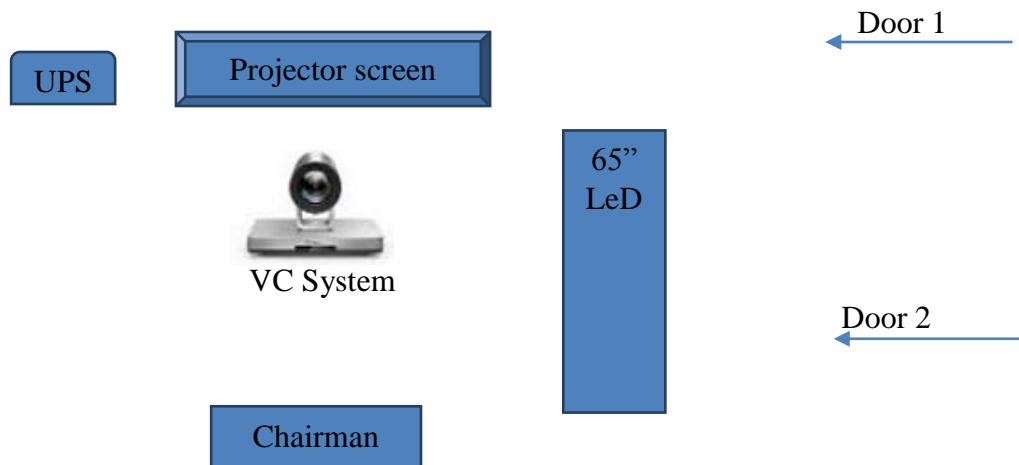
- 1.1 **“Authorized Representative”** shall mean any person authorized by either of the parties.
- 1.2 **“Bidder”** means any firm or group of firms or companies offering the service(s) and/ or materials asked for in the Tender. The word bidder, when used in the pre-award period shall be synonymous with bidder, and when used after intimation of successful bidder shall mean the successful bidder, also called ‘Vendor or bidder’, with whom the Member Secretary, Tripura State Computerisation Agency (A Society under Directorate of Information Technology, Govt. of Tripura) signs the Contract.
- 1.3 **“Contract Agreement”** means the agreement to be signed by the successful bidder and the Member Secretary, Tripura State Computerisation Agency (A Society under Directorate of Information Technology, Govt. of Tripura).
- 1.4 **“Work Order/Purchase Order”** means the letter to be issued by the Member Secretary, Tripura State Computerisation Agency (A Society under Directorate of Information Technology, Govt. of Tripura) to the successful bidder with the intention to execute the work as per the specified terms and conditions.
- 1.5 **“Corrupt Practice”** means the offering, giving, receiving or soliciting of anything of value or influence the action of an official in the process of contract execution.
- 1.6 **“Fraudulent Practice”** means a misrepresentation of facts in order to influence a procurement process or the execution of a contract and includes collusive practice among bidders (prior to or after Bid submission) designed to establish Bid prices at artificial non-competitive levels and to deprive the Member Secretary, Tripura State Computerisation Agency (A Society under Directorate of Information Technology, Govt. of Tripura) of the benefits of free and open competition.
- 1.7 **“Default Notice”** shall mean the written notice of Default of the Agreement issued by one party to the other in terms hereof.
- 1.8 **“Good Industry Practice”** means the exercise of that degree of skill, diligence and prudence which would reasonably and ordinarily be expected from a reasonably skilled and experienced Bidder engaged in the same type of undertaking under the same or similar circumstances.
- 1.9 **“Partial Acceptance Test (PAT)”** means the provisional acceptance testing of all equipment (hardware & software) and their services covered under the Scope of work.
- 1.10 **“Final Acceptance Test (FAT)”** means after successful installation of the equipment/material in accordance with the requirements as mentioned in this tender, FAT will be conducted. After successful testing, Acceptance Test Certificate will be issued by the Member Secretary, Tripura State Computerisation Agency (A Society under Directorate of Information Technology, Govt. of Tripura).
- 1.11 **“Rates/Prices”** means prices of services and/or equipment quoted by the Bidder in the Commercial Bid submitted by him and/or mentioned in the Contract.
- 1.12 **“Rs.” or “Rupees”** means the lawful currency of the Republic of India.
- 1.13 **“Services”** means the work to be performed by the bidder pursuant to this Contract, as detailed in the Scope of Work.
- 1.14 **“SLA”** means Service Level Agreement is a negotiated agreement between two parties wherein one is the customer and the other is the service provider. It is a service contract where the level of service is formally defined. In practice, the term SLA is sometimes used to refer to the contracted delivery time (of the service) or performance.
- 1.15 **“Site”** shall mean the location(s) for which the Contract has been issued and where the service shall be provided as per Agreement.

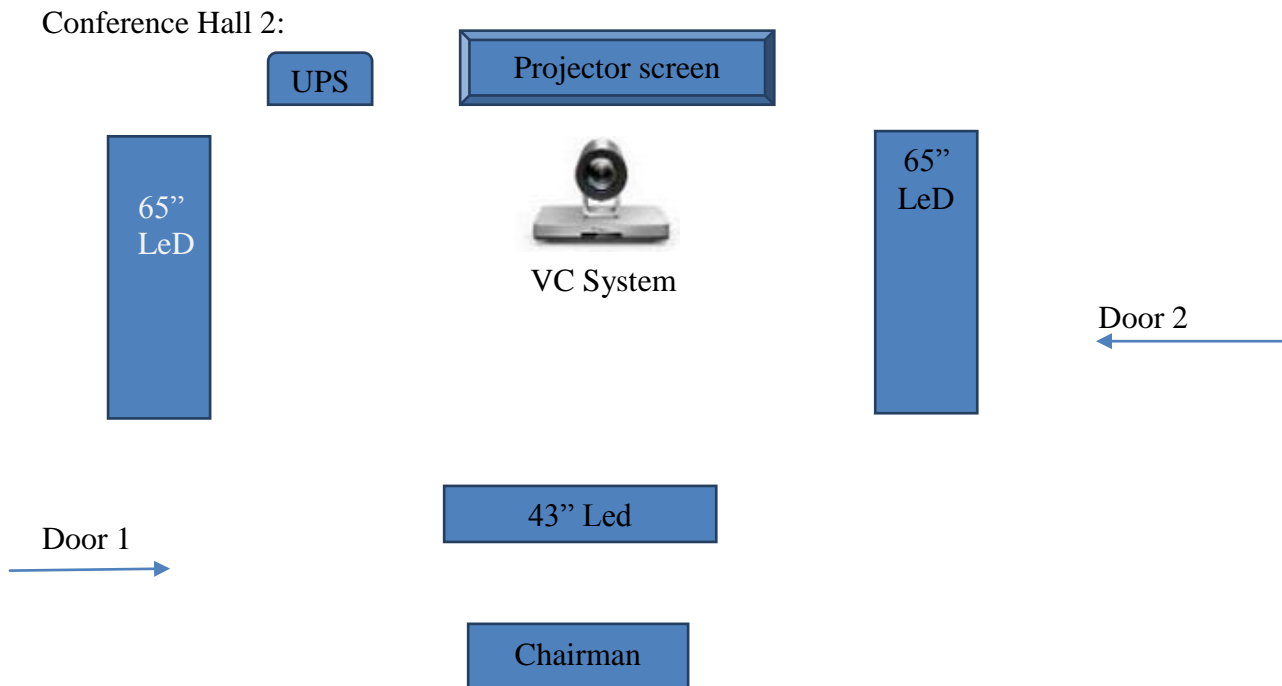
- 1.16 “Tenderer”** shall mean the authority issuing this Tender and this authority shall be the Tripura State Computerisation Agency (A Society under Directorate of Information Technology, Govt. of Tripura).
- 1.17 “IA”** shall be means the Implementation Agency or Vendor to which the work will be awarded.
- 1.18 “TSCA”** shall be mean Tripura State Computerisation Agency (A Society under Directorate of Information Technology, Govt. of Tripura).

2. Scope of Work

- 2.1.** Supply, Installation, Testing and Commissioning of Video conferencing System and other ICT equipment at the Conference Hall-I and II of Secretariat Building, Capital Complex, Agartala.
- 2.2.** There is already an Internet connection in the Secretariat Building, only necessary equipment as per the requirements may be supplied and installed properly.
- 2.3.** The vendor may visit the site for any survey that is needed to get the accurate assessment.
- 2.4.** All items specified below should have an onsite **warranty of 3 years**.
- 2.5.** The cable laying and installation of I/O Box for internal LAN should be done nicely with proper fitting and fixing with proper sizing of casing so that it does not look ugly to any person eyes.
- 2.6.** Supply, Installation, Testing and Commissioning of the Video Conferencing System and other equipment will be within 45 days (maximum) of issue of work order.
- 2.7. Manpower is to be engaged/ provided for 3 years for managing and operating of the** Video conferencing System at the Conference Hall-I and II of the Secretariat Building, Capital Complex, Agartala as per qualification mentioned in the Annexure-II.
- 2.8. Layouts of the room are given below...**

Conference Hall 1:





However, the equipments are an indicative requirement and it may increase or decrease during the execution work. Necessary payments will be made based on actual supply and installation of the items.

3. Invitation for Bids

- 3.1. Bidders are advised to study all commercial aspects, instructions, forms, terms and specifications carefully in the tender document. Failure to furnish all information required in the tender document or submission of a bid not substantially responsive to the tender document in every respect will be at the bidder's risk and may result in the rejection of the bid.
- 3.2. Tenders should be submitted online through <https://tripuratenders.gov.in>.
- 3.3. The tender should indicate specifically price and taxes as per financial bid (only through BoQ template which is attached along with the published tender). No additional information will be entertained after due date. However, any change in Government taxes will be paid/ deducted by the TSCA as per rules. TSCA may reject tenders if they do not carry such information separately and specifically quantitatively.
- 3.4. The bids should indicate that the rates are for TSCA only.
- 3.5. Eligible vendor/manufacturers have to submit their bid for all the items specified in this tender document.
- 3.6. The vendor should clearly indicate the delivery period and validity period of the tender.
- 3.7. The bidders are required to quote for each item separately. Prices must be quoted in Indian currency only (INR).
- 3.8. The bidders should submit non-refundable Tender Fee of Rs.6,000/- (Rupees six Thousand Only) in the form of Demand Draft valid for a period of 3 months in favour of "**Member Secretary, Tripura State Computerisation Agency** payable at Agartala from Nationalized Bank/ Schedule commercial Bank having branch at Agartala. The

issue date of the DD shall be after the floating date of the tender. Tenders which are not accompanied by tender fee or incomplete in any respect will be summarily rejected.

- 3.9.** The bidders should submit refundable EMD of Rs. 1,20,000/- (Rupees One Lakh and Twenty Thousand Only) in the form of Demand Draft valid for a period of 3 months in favour of “*Member Secretary, Tripura State Computerisation Agency* payable at Agartala from Nationalized Bank/ Schedule commercial Bank having branch at Agartala. The issue date of the DD shall be after the floating date of the tender. Tenders not accompanied by earnest money or incomplete in any respect will be summarily rejected.
- 3.10.** Successful bidder has to submit **10% of the project cost as a security deposit for period of three and half (3.6) years in the form of Demand Draft/Performance Bank Guarantee** (As per format given at Annexure-VIII) from Nationalized Bank/ Schedule commercial Bank having branch at Agartala. After providing the security deposit, EMD of the successful bidder will be returned. However, EMD of the unsuccessful bidder will be returned after issuing of work order to the successful bidder.
- 3.11.** TSCA reserves the right to reject any or all tenders without assigning any reason whatsoever.
- 3.12.** The tenders will be opened on the date and the time indicated in the presence of bidders. If the date of opening is declared to be a holiday, the tenders will be opened on the next working day.
- 3.13.** No advance payment or payment against Performa invoice will be made. Payment will be made after receipt, inspection, installation and testing and final acceptance of the item(s).
- 3.14.** Any damaged or unapproved goods shall be returned at the bidder’s risk and cost and the incidental expenditure thereupon shall be recovered from the concerned party.
- 3.15.** Printed conditions of the firm sent along with the quotation, if any, shall not be binding on us.
- 3.16.** On acceptance of tender, the date of delivery should be strictly adhered to otherwise; TSCA reserves the right not to accept the delivery in full or in part. In case the order is not executed within the stipulated period, TSCA will be at liberty to make purchase through other sources, and to forfeit the earnest money of the bidder.
- 3.17.** TSCA shall not be responsible for any postal delay about non-receipt/non-delivery of the documents.

4. Payment Schedule

4.1 The payment shall be made as per below:

Sl. No.	Milestone	% of Payment to be released
1	Successful Supply and Delivery of equipment at site and PAT	40 % of the Total Project Cost
2	Successful Installation and testing of equipment and FAT	60 % of the Total Project Cost

4.2 Payment of bill will be made through the crossed account payee cheque drawn in favour of bidder or through eRTGS/NEFT on submission of invoice and acceptance from the Member Secretary, TSCA after verification and certification.

5. SLA and Penalty

Service level plays an important role in defining the Quality of Services (QoS). The prime objective of service levels is to ensure high quality of services from selected bidder, in an efficient manner to the identified users under this procurement. The service level shall be tracked on a periodic basis and have penalty clauses on non-adherence to any of them.

i. Penalties for delay in implementation:

If the vendor fails to complete successful installation and PAT and FAT at the specified location within the time period(s) specified in this tender document, TSCA, under Govt. of Tripura may without prejudice to its other remedies under the agreement, levy as penalties, for each week or part thereof of delay, until actual delivery of performance. Moreover if delay exceeds 5 weeks TSCA reserves the right to terminate the work order and also forfeit the Security deposit and may backlist the agency, if suitable justification is not given by the Implementing Agency.

Delay in weeks	Penalty
Up to 1	2% of Project Cost
Up to 2	4% of Project Cost
Up to 3	6% of Project Cost
More than 4 weeks	10% of Project Cost

ii. In case of Force Majeure, TSCA may consider waive off the penalty for that period of delay. However, the Vendor should submit justification along with necessary documentary evidence for claiming the waiver of penalty (if any). TSCA will then decide if vendor is eligible for the waiver post scrutinization of the documents submitted.

SECTION – II

6. Procedure for submission of bids

The Bid shall be submitted in 4 (Four) parts, post registration in the <https://tripuratenders.gov.in>, as under:

PART-I: Fees

Tender Fees and EMD: Bidder is expected to scan the relevant drafts into PDF format (in150 dpi scan resolution).

PART-II: Pre-qualification Bid

Digitally signed Tender Document is to be downloaded. *The Tender document shall be downloaded by the Bidder*, digitally signed and upload the same for submission of “Pre-Qualification “during actual bidding session, which will be regarded as equivalent to signing all pages of the Tender Document.

All documents to be submitted for Pre-qualification as per Point no.12 of Section-II below are free-format except “Format for Final Information” as per Annexure-III and “Bidder’s Proposed Supply Period” as per annexure-IV in this Bid document.

For all the free-format documents, Bidder is expected to scan the relevant documents into PDF format (in 100 dpi scan resolution).

PART-III: Technical Bid

Complete technical details, data sheet, OEM Authorization certificate and detail technical specification for the item to be offered & any other relevant documents.

PART - IV: Financial Bid

Financial Bid will be considered for evaluation for those Bidders who have cleared the Part-II & Part-III.

BOQ should be downloaded by the bidder which is attached to the published tender, fill up the same and upload.

Note: Bidders should not tamper the BOQ else the bid will be rejected.

N.B.: Bidders have to submit Tender Fee and EMD (in the form of DD), in an envelope super scribed as “**Tender Fee, EMD for Tender**” with tender title and reference number and the name and address of the Bidder to the Member Secretary, TSCA , Indranagar, Agartala-799006 by 28th March 2019 05:00 PM.

7. Tender Preparation Cost

The bidder shall bear all costs associated with the preparation and submission of its bid, including the cost of presentation for the purpose of clarification of the bid, if so desired by the client and client will in no case be responsible or liable for those costs, regardless of the conduct, or outcome of the Tendering Process.

8. Clarification of Tender Document

A prospective bidder requiring any clarification of the tender document may notify the client in the address and phone no. or email specified in “Important instructions to Bidders”. The client will respond in writing to any request for clarification of the tender document, received not later than 07 working days prior to the last date for the receipt of the bids prescribed by the client. In case of any further clarification on any of the points in the tender, if required, a meeting can be held.

9. Amendment of Tender Document

- 7.1. At any time prior to the last date for receipt of bids, the client may for any reason, whether at its own initiative or in response to a clarification request by the prospective bidder, modify the tender document by an amendment.
- 7.2. The amendment/Corrigendum if any will be notified in <https://tripuratenders.gov.in/> and will also be uploaded at <https://dit.tripura.gov.in/> and will be binding on the bidders. The bidders have to check the website regularly for any updates.
- 7.3. In order to afford prospective bidder reasonable time in which to take the amendment into the account in preparing their bids, the TSCA may, at its discretion, extend the last date for the receipt of the Bids.

10. Language of Bids

The bids prepared by the bidder and all correspondence and documents relating to the bids exchanged by the bidder and the client, shall be written in English language, provided that any printed literature furnished by the bidder may be written in another so as long accompanied by an English translation in which case, for purposes of interpretation of the bid, the English translation shall govern.

11. Bid evaluation method

- 9.1. TSCA will first evaluate the technical bids of the bidders and then the financial bids of only technically qualified bidders will be evaluated.
- 9.2. TSCA will examine the bid document submitted by each bidder whether all required documents have been submitted as per the tender document like Tender fee and EMD Fee, Technical documents specified in Clause 6. If there are any discrepancies or mismatch in the documents submitted by the bidder, TSCA have the authority to reject the bids
- 9.3. TSCA may waive any minor informality or non-conformity or irregularity in a bid, which does not constitute a material deviation, provided such a waiver, does not prejudice or affect the relative ranking of any bidder.
- 9.4. Prior to the detail evaluation, The TSCA determines the substantial responsiveness of each bid to the bidding documents. For purposes of these, as substantially responsive bid is one, which conforms to all the terms and conditions of the bidding documents without material deviations. The TSCA determination of a bid’s responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.
- 9.5. If a bid is not substantially responsive, it will be rejected by TSCA and may not subsequently be made responsive by the bidder by correction of the non-conformity.
- 9.6. TSCA reserves the right to accept any bid and to cancel/abort the bid process and reject all bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder.
- 9.7. Arithmetical error will be rectified on the basis. If there is a discrepancy between words and figures, the amount in words will prevail.
- 9.8. Technical Evaluation: TSCA will examine the eligibility of the bidders as per the bid specification. Bids of the bidders, not satisfying the eligibility criteria and any technical

deviation in the items quoted and not quoted shall be rejected. TSCA may ask for additional information from the bidders. On request from the TSCA the bidder may have to produce additional information. The time limit in which the bidders have to submit additional information shall be decided by the TSCA and its decision shall be final in this regard.

- 9.9. Technical Evaluation Criteria (Refer to Annexure V): The bidder scoring a total point of 70 or more will be considered a technically qualified bidder which will then be considered for financial evaluation. The bids will be rejected if the technical score is below 70 points.
- 9.10. Financial Evaluation: Financial bids of only technically qualified bidders shall be evaluated. The bids, found lacking in strict compliance to the commercial bid format (BOQ Template) shall be rejected straightaway. On opening the financial bids, the Evaluation Committee shall read out the financial bids to all the technically qualified bidders and note the same. All the financial bids shall then be ranked according to the financial bid in increasing order with the bidder quoting the least amount ranked L1, bidder quoting next higher figure as L2 and so on. In case there is any tie in financial bids of one or more bidders, the bidder having the higher technical score will be given better ranking. In case the technical scores are also equal, all the technically qualified bidders shall be asked to resubmit the financial bid. However, in this case, the revised financial bids should be less than the lowest financial bid quoted earlier by the technically qualified bidders. L1 will be declared as successful bidder and his offer will be processed further.

12. Eligibility Criteria

- 10.1. The Agency should be financially sound having annual turnover of Rs. 1,50,00,000(One Crore and fifty Lakhs) during last three financial years (FY 15-16, FY 16-17 and FY 17-18)
- 10.2. Agency should have local presence/representative in Tripura and Agency should submit a proof for the same or Agency must setup office at Agartala within 30(thirty) days after issuance of work order.
- 10.3. The Agency should be in similar business (i.e Supply, installation, testing & commissioning of Video Conferencing System/Computer Hardware/IT Hardware etc) for at least 5 years from the date of floating of this tender.
- 10.4. The Agency should have executed a minimum of One (1) similar project for any state Govt/GoI/govt. agencies/PSUs having minimum project value of Rs. 24 Lakhs during last 5 years from the date of floating the tender. OR 2 (Two) projects of similar nature not less than amount of Rs. 15 lakh during last 5 years from the date of floating the tender. (Similar in nature means “Supply, installation, testing & commissioning of Video Conferencing System/Computer Hardware/IT Hardware etc”)
- 10.5. The bidder should submit copy of the work order and completion certificate stating the value and duration of the project.
- 10.6. The Agency should be registered and should possess necessary license from statutory bodies/organizations i.e. Copy of PAN, Copy of Firm Registration Certificate.
- 10.7. The bidder should not be debarred or black listed by any State / Central Govt. /PSU.A self-certificate must be furnished by the bidder to support the same.
- 10.8. The Agency should possess necessary GST registration from the competent authority and copy of same should be provided.
- 10.9. The Agency should provide IT return document and audited balance sheet (if available) for last 3 financial years. (FY 15-16, FY 16-17 and FY 17-18).
- 10.10. Attach all documentary proofs without which the bid shall be rejected.

SECTION – III

ANNEXURE I – TECHNICAL SPECIFICATIONS OF ITEMS

1. Technical Specification of Video Conferencing System

SL no.	Technical Specification	Compliance (Yes/No)	Remarks
1	The system should include codec, Precision HD camera, Table Microphone, remote control, necessary Cables & Power Supply. Additional 3 nos. of Table Microphones to be provided		
2	The video conference system must supports minimum of three external Full HD displays, 1920x1080p and one projector. (Video Splitter with required no. of suitable ports may be used for this purpose)		
3	The video conference system must have automatic noise suppression/reduction, automatic gain control and echo cancellation features.		
4	Audio Standard & Protocols AAC-LD, G.711, G.722, G.728,		
5	Video Standard & Protocols: H.261, H.263, H.264		
6	Video inputs: 1x HDMI, 1XVGA/DVI		
7	Audio inputs: 4x Microphone 1XHDMI		
8	Video Output: 3x HDMI		
9	Audio Output: 1XHDMI 1X stereo line-out		
10	Security features: Authenticated/password access to admin menus. H.235.6 support. Advanced Encryption Standard (AES).		
11	Network Interface: 1 x 10/100/1000 Mbit port IPv4 and IPv6 support ,		
12	USB port: Min 2		
13	System must support 120-230V as per Indian Standards,		
14	Protocol: H.323 & SIP		
15	Video Resolution: 720p, 60 fps 720p, 30 fps 1080p, 60 fps 1080p, 30 fps		
16	Warranty: 3 Years		

2. Technical Specification of LED Display 65 Inch along with wall mount bracket

Sl.No	Specifications	Compliance Yes/No	Remarks
1.	LED Screen Size (Diagonally) should be 65"/162 cm or more		
2.	Should support native resolution of 1920 x 1080 pixels		
3.	Should have One HDMI/DVI video inputs along with Audio Input		
4.	Shall have one DVI-I/VGA input to connect PC/Laptop along with Audio		
5.	Shall have LAN(RJ 45) port & Wi-Fi connectivity (either directly or through external device without sharing any input as specified above) to direct presentation/applications to display on to the LED/LFD Monitor		
6.	Should work satisfactorily with VC systems as specified above.		
7.	Shall be supplied with 5 mts cables for each of the video input as defined in VC specification.		
8.	Display shall be capable of working for 16x7 hours operations		
9.	Shall operate for 10,000 hrs or more		
10.	Shall have brightness of 350 nit or more		
11.	Built in audio amplifier for 10w RMS power with speaker		
12.	Easy to use infrared Remote Controller		
13.	OEM supplied Table Top stand and wall mount kits should be supplied		
14.	230V,50 Hz AC input		
15.	Warranty: 3 Years		

3. Technical Specification of LED Display 43 inch with wall mount bracket

Sl.No	Specifications	Compliance Yes/No	Remarks
1.	LED Screen Size (Diagonally) should be 43"/100cm or more		
2.	Should support native resolution of 1920 x 1080 pixels		
3.	One HDMI inputs along with Audio Input		
4.	Shall have one DVI-I/VGA input along with Audio		
5.	Should work satisfactorily with VC systems as specified above		
6.	Shall be supplied with 5 mts HDMI & DVI/VGA cable with Audio		
7.	Shall have LAN(RJ 45) port & Wi-Fi connectivity (either directly or through external device without sharing any input as specified above) to direct presentation/applications to display on to the LED/LFD Monitor		
8.	Display shall be capable of working for 16x7 hours operations		
9.	Shall operate for 10,000 hrs or more		
10.	Shall have brightness of 200 nits or more		
11.	Built in audio amplifier for 10w RMS power with speaker		

12.	Easy to used infrared Remote Controller		
13.	OEM supplied Table Top stand, Wall mount kits should be supplied		
14.	230 v,50 Hz AC input		
15.	Warranty: 3 Years		

4. Technical Specification of 2KVA online UPS

Parameter	Required Specifications		Compliance (Yes or No)	Remarks
Make				
Capacity (VA)	2 KVA			
Technology	True On-Line Double Conversion UPS with PWM Technology & SNMP Module with Isolation Transformer.			
Input	Voltage	180 – 270V AC @100% load		
	Frequency	50 Hz		
	Power Factor	> 0.98		
Output	Voltage	220V / 230V / 240VAC +/- 2%		
	Frequency	50 Hz +/- 0.5%		
	Output waveform	Sine wave		
	output power factor	0.8		
	Harmonic distortion	< 3% T.H.D		
Protection	Overload protection	125% for 1 minutes and 150% for 10 seconds		
	Short circuit protection	UPS output immediately cut-off		
	Battery protection	Cut off without draining any current during low battery		
	Isolation Transformer	There should be a Suitable Isolation Transformer (1:1 ratio) at the input side of the UPS for isolating the neutral as well as attenuating common mode noise.		
Metering & Indicators	LED indicators	UPS on, line mode, Battery mode, bypass, fault		
	LCD Meter	UPS must have a digital meter for monitoring important UPS parameters including Input/ output voltage, Input/ output frequency, battery capacity/ load level		
Battery	Type	Batteries shall be of Sealed Maintenance Free (SMF)		

		type.		
	Make	(Exide/Quanta/Panasonic)		
	Back up time	The system must be capable of providing 2 hours battery backup with 100% load. IA should specify the total number of batteries, voltage and AH rating of each battery Calculation sheet in support of backup time shall be submitted with the bid.		
Environment	Operating temperature	0 – 45 deg C		
	Audible Noise (1 mtr. from surface)	< 40 dBA		
Quality	ISO 9001, ISO 14001, IS 16242			
Warranty	3 years			

5. Technical Specification of Battery Rack

Sl. No	Description	Compliance (Yes/No)	Remarks
1.	Suitable Battery Rack for the storage of the batteries to be provided along with Sl.No.4.		
2.	Warranty : 3 Years		

6. Technical Specification of : I/O Box

Sl. No	Description	Compliance (Yes/No)	Remarks
3.	Type : 1-port, Shuttered, White, with surface box for surface mount applications, Category 6, TIA/EIA 568-b.2.1 Category		
4.	Material : ABS/Polycarbonate		
5.	No. of Ports : One		
6.	Protection : Shutters		
7.	Identification : To be supplied with label for port Identification		
8.	Warranty : 3 Years		

7. Technical Specification of : CAT6 UTP Cable

S No.	Description	Compliance yes/no	Remarks
1.	Type : Unshielded Twisted Pair, Category 6, ANSI/TIA/EIA 568-B.2.1		
2.	Conductors : 24 AWG solid bare copper		
3.	Insulation : Polyethylene/Polyolefin		
4.	Jacket : Flame Retardant PVC		
5.	Approvals : UL Listed and ETL verified to ANSI/TIA/EIA 568-B.2.1 Cat 6		
6.	Operating Temperature : -20 Deg. C up to +60		

	Deg. C		
7.	Frequently tested up to : 250 MHz		
8.	Delay Skew: 25ns-45ns / 100m MAX.		
9.	Impedance : 100 Ohms + / - 6 ohms		
10.	Performance to be provided along with bid : Attenuation, Pair-to-pair and PS NEXT,ELFEXT and characteristics to PSELFEXT, Return Loss, ACR and PS ACR		
11.	Warranty : 3 Years		

8. Technical Specification of UTP Patch cord (1 Mtr.) – CAT6

Sl. No	Description	Compliance (Yes/No)	Remarks
1.	Type: Unshielded Twisted Pair, Category 6, TIA / EIA 568-B.2-1 or EIA/TIA 568 C.2		
2.	Comply with Cat 6 standards of ISO/IEC 11801, EIA/TIA 568, EN50173		
3.	Nominal Cable Diameter should less than 6.0 mm with star separator		
4.	Conductor: 24 AWG 7/32 Round stranded copper wire		
5.	Insulation: High Density Polyethylene insulation		
6.	Boot: Elastomeric polyolefin flexible moulded boot for better bend radius & strain relief		
7.	Length - 7 feet/2m		
8.	Patch cord Durability should be =>1000 Mating Cycles.		
9.	Back-ward-compatibility with all current Cat5 products and applications.		
10.	UL Listed / ETL Verified		
11.	Warranty : 3 Years		

9. Technical Specification of Laptop

Specification for Laptop	Compliance (Yes/No)	Remarks
Intel Core i5-6200U (2.3 GHz, up to 2.8 GHz, 3 MB cache, 2 cores), 7 th Generation ,4GB 1333 MHz DDR4 RAM or higher expandable up-to 8 GB, 1TB, 5400 rpm (min.) SATA, 15.6’’ or above TFT active Matrix Wide Screen Display. Integrated DVD Writer 8X or above, Integrated 10/100/1000 Gigabit Ethernet LAN, 2 USB 2.0, 1USB 3.0, 1HDMI, 1 RJ-45, Windows 10 license Operating System. Warranty 3 year onsite.		

10. Computer table

Specification for table	Compliance (Yes/No)	Remarks
Computer table made of super sheesham veneer pressed with 5mm solid sheesham wood edge (best quality) with polished matt finish (elegant design)		

ANNEXURE II – Qualification of the Resources

SI No.	Profile	Qualification and Experience
1	VC support Engineer	BE / B-Tech in Computer Science/MCA with 1 year experience in the relevant field.

ANNEXURE III – FORMAT FOR FINANCIAL INFORMATION

Tender Name: Tender for Supply, Installation, Testing and Commissioning of Video Conferencing System and ICT Equipment at Secretariat Building, Capital Complex, Agartala.

Name of the Bidder	Turn Over (Rs. In Crores)			
	FY 15-16	FY 16-17	FY 17-18	Average of 3(three) Financial Year

ANNEXURE IV – FORMAT FOR BIDDER'S PROPOSED SUPPLY AND INSTALLATION PERIOD

Tender Name: Tender for Supply, Installation, Testing and Commissioning of Video Conferencing System and ICT Equipment at Secretariat Building, Capital Complex, Agartala.

Name of the Bidder	Supply and Installation Period in days		
	>= 15 days and <=30 days	>30 days and <= 45 days	>45 days and <= 60 days

The vendor needs to provide project implementation delivery plan to support the declaration above.

Note: Please (Tick) in appropriate box.

ANNEXURE V – TECHNICAL BID EVALUATION SHEET

Sl.	Criteria	Maximum Points	Points Scored
1.	Organizational Capability		
a.	Annual Turnover for last three FY. (FY 15-16, FY 16-17 and FY 17-18) (Annual Turnover \geq 1.5 Cr and \leq 2.0 Cr = 14 marks, Annual Turnover $>$ 2.0 Cr and \leq 2.5 Cr = 17 marks , Annual Turnover $>$ 3.0 Cr = 20 marks) at Annexure III	20	
b.	The Agency should have executed a minimum of one (1) similar project having minimum project value of Rs 24 Lakhs during last 5 years from the date of floating the tender. OR 2 (Two) projects of similar nature not less than amount of Rs. 15 lakh during last 5 years from the date of floating the tender. 1 project = 14 marks 2 projects = 17 marks 3 or more nos. of project = 20 marks	20	
c.	The Agency should be in similar business (supply, installation and testing & commissioning of Video Conferencing System/ Computer Hardware/ IT Hardware etc) for at least 5 years from the date of floating the tender. (Experience of \geq 5 years and \leq 7 years = 7 marks, $>$ 7 years and \geq 9 years = 8.5 marks, $>$ 9 years = 10 marks)	10	
2.	Suitability of the technical proposal		
	Percentage of Technical Specification satisfied (Best Specification will get highest marks. Technical Bid Evaluation Committee will decide suitability of the product and provide the marks)		
a.	Technical specifications of Items at Annexure-I	40	
b.	Supply and Installation period \geq 15 days and \leq 30 days = 20 Marks $>$ 30 days and \leq 45 days = 17 Marks $>$ 45 days and \leq 60 days = 14 Marks	10	
	TOTAL Marks	100	

NOTE: Please submit all documentary evidence in support of above evaluation criteria.

ANNEXURE VI – BID PROPOSAL SHEET

Bidder’s Proposal Reference No & Date:

Bidder’s Name &Address:

Person to be contacted:

Designation

Telephone No:

Fax No:

Email:

To < >

Subject: - Tender for Supply, Installation, Commissioning and Testing of Video Conferencing System and ICT Equipment at Secretariat Building, Capital Complex, Agartala.

Sir,

1. We, the undersigned bidders, having read and examined in detail general terms and conditions, the specifications and the entire Tender document in respect of the Tender for Supply, Installation, Testing and Commissioning of Video Conferencing System and ICT Equipment at Secretariat Building, Capital Complex, Agartala as per specified in **SECTION III** in the bidding document.
2. All price mentioned in our proposal are in accordance with the terms as specified in the Tender documents. All the prices and other terms and conditions of this proposal are valid for a period of 180 calendar days from the last date of submission of bids.
3. We do hereby confirm that the bid prices are **inclusive of all taxes**, wherever applicable.
4. We declare that all the services shall be performed strictly in accordance with the fine-tuned technical specifications. No Technical deviation will be acceptable and any technical deviation is liable to rejection of tender.
5. We hereby declare that our proposal is made in good faith and the information contained in this proposal is true and correct to the best of our knowledge & belief.
6. We understand that you are not bound to accept the lowest or any bid you may receive.

Thanking you

Yours Faithfully

(Signature)

Date

Place

Business Address Seal

Name

Designation

ANNEXURE VII – FORMAT FOR QUERIES

IA's requiring specific points of clarification may communicate with the Member Secretary, TSCA, during the specific period using the following format.

RFP No. :

Name of Project: Tender for Supply, Installation, Commissioning and Testing of Video Conferencing System and ICT Equipment at Secretariat Building, Capital Complex, Agartala.

Name of the IA –

Contact Address of the IA –

Sl. No.	Section No.	Page No.	Query

Signature:

Name of the Authorized signatory:

Company seal:

Note: All the queries should be sent in this format to itdept-tr@nic.in. No other format is acceptable apart from this format. TSCA will respond to any queries for clarification of the tender document, received before the last date of the Seek Clarification date and time mention in the Critical Date Section in the eTender site. In case of any further clarification on any of the points in the tender, if required, a meeting can be held.

ANNEXURE VIII – FORMAT FOR PERFORMANCE BANK GUARANTEE

(To be stamped in accordance with Stamp Act)

Ref: Bank Guarantee No.

Date:

To
Member Secretary,
Tripura State Computerisation Agency
(A society of Directorate of Information Technology, Govt. of Tripura)
IT Bhavan, ITI Road,
Indranagar; Agartala

Dear Sir,

WHERE AS (Name of IA) hereinafter called "the IA" has undertaken, in pursuance of work order dated 2018 to Supply, Installation, Testing and Commissioning of Video Conferencing System and ICT Equipment at Secretariat Building, Capital Complex, Agartala for Tripura State Computerisation Agency(TSCA) a society of Directorate of Information Technology, Govt. of Tripura.

AND WHEREAS it has been stipulated in the said work order that the IA shall furnish a Bank Guarantee ("the Guarantee") from a Nationalized bank for the project/performance for Supply, Installation, Testing and Commissioning of Video Conferencing System and ICT equipment at Secretariat Building, Capital Complex, Agartala as per the terms and conditions of the Tender.

WHEREAS we ("the Bank", which expression shall be deemed to include it successors and permitted assigns) have agreed to give TSCA the Guarantee:

THEREFORE the Bank hereby agrees and affirms as follows:

1. The Bank hereby irrevocably and unconditionally guarantees the payment of Rs. _____ (being 10% of the sum of order value) to TSCA under the terms of their Agreement dated on account of full or partial non-performance / non-implementation and/ or delayed and/ or defective performance / implementation. Provided, however, that the maximum liability of the Bank towards TSCA under this Guarantee shall not, under any circumstances, exceed in aggregate.
2. In pursuance of this Guarantee, the Bank shall, immediately upon the receipt of a written notice from TSCA stating full or partial non-implementation and/ or delayed and or defective implementation, which shall not be called in question, in that behalf and without delay/demur or set off, pay to TSCA any and all sums demanded by TSCA under the said demand notice, subject to the maximum limits specified in Clause 1 above. A notice from TSCA to the Bank shall be sent by Registered Post (Acknowledgement Due)/FAX/Email at the following address: Attention Mr.....
3. This Guarantee shall come into effect immediately upon execution and shall remain in force for a period of Three and Half Year from the date of issue of this Guarantee.

However, the Guarantee shall, not less than 30 days, prior to its expiry, be extended by the Bank for further period.

4. The liability of the Bank under the terms of this Guarantee shall not, in any manner whatsoever, be modified, discharged, or otherwise affected by:
 - a. any change or amendment to the terms and conditions of the work order or the execution of any further Work order.
 - b. any breach or non-compliance by the IA with any of the terms and conditions of any Agreements/credit arrangement, present or future, between IA and the Bank.
5. The BANK also agrees that TSCA at its option shall be entitled to enforce this Guarantee against the Bank as a Principal Debtor, in the first instance without proceeding against IA and not withstanding any security or other guarantee that TSCA may have in relation to the IA's liabilities.
6. The BANK shall not be released of its obligations under these presents by reason of any act of omission or commission on the part of TSCA or any other indulgence shown by TSCA or by any other matter or thing whatsoever which under law would, but for this provision, have the effect of relieving the BANK.
7. This Guarantee shall be governed by the laws of India and only the courts of Agartala, Tripura shall have exclusive jurisdiction in the adjudication of any dispute which may arise hereunder.

Dated this..... the Day of2018

Witness

(Signature) (Signature) (Name) (Name)
Bank Rubber Stamp

(Official Address) Designation with Bank

Stamp Plus Attorney as per Power of Attorney No.

Dated:

ANNEXURE IX – BIDDER PROFILE

Sl.No	General information	
1.	Name of the Company/Firm	
2.	Incorporation Status of the Company/Firm (public limited/Private limited etc.)	
3.	Year of establishment	
4.	Date of Registration	
5.	Address	
6.	Local Address	
7.	Name of the Contact Person	
8.	Address	
9.	Mobile	
10.	Telephone No.	
11.	Email	
12.	Fax No.	

ANNEXURE X –Unpriced BILL OF MATERIALS

Sl.No	Item description	Item Code	Make	Model
1.	High End Video Conferencing System (With all accessories)	item1		
2.	LED Display 65"	item2		
3.	LED Display 43"	item3		
4.	Laptop computer	item4		
5.	2 KVA UPS	item5		
6.	Battery Rack	item6		
7.	I/O Box	item7		
8.	Installation of I/O box	item8		
9.	CAT 6 UTP Cable	item9		
10.	UTP Patch Cord (1 Mtr)	item10		
11.	Laying of UTP Cable	item11		
12.	Video splitter	item12		
13.	Table	item 13		
14.	Manpower for 3 years (36 months)	item14		
15.	Miscellaneous (necessary cables, fitting etc)	item15		
16.	Any other item proposed	item16		
17.	Annual Maintenance Contract (AMC) Charges for 3(three) years for whole items	item17		

SECTION – IV

GENERAL TERMS AND CONDITIONS

1. The Vendor is required to attach a proper and latest OEM Authorization certificate on their letter head indicating the Tender /Enquiry Ref. number and date. Authorization letter should also include commitment from the Original Manufacturer that they will stand by the Vendor to provide services during the entire warranty period. Without proper authorization letter, the offer will be REJECTED.
2. The vendor is required to install the items to the satisfaction of the buyer at the respective locations.
3. The vendor is required to clearly mention the make/type/model of the item. The vendor is also required to attach original manufacturer's Datasheets/Leaflets/Catalogues; otherwise the quotation is liable to be rejected.
4. The Vendor should adhere with all seriousness to the time schedule provided by the TSCA.
5. There is no provision for making advance payment to the vendor as per the TSCA rules. However, the bills should be submitted by the vendor as per the schedule mentioned in clause 4.1 and will be considered for payment within reasonable period.
6. The vendor is required to supply all relevant user manuals/documentation, power cables, connectors and required accessories and software along with the equipment.
7. The rates are to be quoted as per BoQ. Prices should be firm and fixed.
8. Validity of Proposal for supply of the items should be at least for 180 Days.
9. The vendor should provide and attach the following details along with its quotations: Quantity of similar items sold in last one year, List of reputed customers dealt with them, latest copy of Income Tax Return Form, PAN, GST No, Copy of the Registration firm.
10. Provision of necessary power sockets is the responsibility of vendor. However raw power will be made available to the vendor.
11. The equipment offered should be given onsite guaranty/ warranty for a period of 3 (Three) years from the date of acceptance of the items for any defect.