



E- Tender document for  
**Supply, Installation and Commissioning of Video Conferencing Equipment at the Head Office of Telangana State Renewable Energy Development Corporation Limited (TSREDCO), Hyderabad.**  
**SHORT TENDER**



**Tender notice No: TSREDCO/EC/BEE/AAP 19-20/VC/85(1)/2019, dated.26.02.2020  
(SECOND CALL – SHORT TENDER)**



**Telangana State Renewable Energy Development Corporation Ltd (TSREDCO)**

D.No. 6-2-910, Visvesvaraya Bhavan, II floor  
The Institution of Engineers Building, Khairatabad, Hyderabad - 500 004.  
Telangana State, India

**Tel Nos.** 040 - 2320 1502, 2320 1503, Fax No. 040 - 2320 1504

E-mail : [ec@tsredco.telangana.gov.in](mailto:ec@tsredco.telangana.gov.in)

Web site: [www.tsredco.telangana.gov.in](http://www.tsredco.telangana.gov.in)

**Covering Letter**  
(on company Letter head)

**Date**

**From**

**To**

**The Vice Chairman & Managing Director**

Telangana State Renewable Energy Development Corporation (TSREDCO)

D.No. 6-2-910, Visvesvaraya Bhavan, II floor

The Institution of Engineers Building, Khairatabad, Hyderabad

Telangana State, India - 500 004

**Sir,**

**Sub: Submission of Tender document for “Supply, Installation & Commissioning of Video Conferencing Equipment at Telangana State Renewable Energy Development Corporation Limited (TSREDCO) – Head Office, Hyderabad”- Reg.**

I/We have read the complete tender and I/ we understood the complete tender document.

I/We hereby submit tender to take up the assignment, under the annexed general conditions of contract and as per the guidelines issued, the whole of the work referred to and described in the attached specification and schedule, or any portion thereof, as may be decided by TSREDCO, Hyderabad; at the rates quoted. The work will be delivered within the time and at the places specified by TSREDCO.

\*I/We am/are remitting/have separately remitted the required amount of  
INR.....as earnest money.

Yours faithfully,

Signature  
with Stamp

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### Bid Information Sheet

Brief Description	E-tenders are invited for Supply, Installation and Commissioning of Video Conferencing Equipment at Telangana State Renewable Energy Development Corporation Limited (TSREDCO) Head Office, Hyderabad
Tender No.	TSREDCO/EC/BEE/AAP 19-20/VC/85(1)/2019, dated.26.02.2020 (SECOND CALL - SHORT TENDER)
Broad description of scope of work	The Scope of the work includes design, Supply, Installation and Commissioning of Video Conferencing Equipment at Telangana State Renewable Energy Development Corporation Limited (TSREDCO) Head Office, Hyderabad
Last date & Time of Submission of e Tender	12.03.2020 up to 1.00 PM
Technical Bid Opening Date and Time (online)	12.03.2020 - 03:00 PM at TSREDCO, Head Office, Hyderabad
Submission of Hard Copies	12.03.2020 up to 04:00 PM at TSREDCO, Head Office: D.No. 6-2-910, II floor, Visvesvaraya Bhavan, The Institution of Engineers Building, Khairatabad, Hyderabad - 500 004. Telangana
Financial Bid Opening Date and Time (online)	13.03.2020 - 03:00 PM at TSREDCO, Head Office, Hyderabad
Processing Fee (non- refundable)	Rs.6,000 /- + 18% GST (Rupees Six thousand plus GST only) to be furnished through Demand Draft (DD) drawn in favour of "TSREDCO", payable at Hyderabad, or online along with Technical Bid.
Ernest Money Deposit (Refundable)	Bid Security for <b>Rs. 60,000/- (Rupees Sixty thousand only)</b> by way of online payment or DD in favour of TSREDCO payable at Hyderabad from any nationalized bank.
Time of completion	15 working days from the issue of the Work Order
<p><b>Important Note:</b> Prospective Bidders are requested to remain updated for any notices/amendments/clarifications etc. to the Short tender document through the e-procurement and TSREDCO website.</p> <p>No separate notifications will be issued for such notices/amendments/clarification etc. in the print media or individually. All the information related to this Short tender shall be updated on the TSREDCO Website only. The EMD amount paid by the successful Tenderer will be converted as Security deposit and will be released after completion of the warranty clause.</p>	

**Checklist to accompany the E tender**

S.No	Description	Submitted in Cover 'A'	Page No. (see Note below)
1	2	3	4
1	Earnest Money Deposit	Yes /No	
2	Tender document fee	Yes /No	
3	Copy of PAN card.	Yes /No	
4	Copy of latest Income Tax Clearance returns submitted along with proof of receipt	Yes /No	
5	Copy of GST Registration Certificate.	Yes /No	
6	Latest GST clearance certificate.	Yes /No	
7	Availability of local service centers/ technical personnel	Yes /No	
8	Experience Certificate	Yes /No	
9	Company Registration Certificate	Yes /No	
10	Letter from Manufacturer mentioning as Authorised Distributor or dealer of the products (for Authorised Distributor)	Yes /No	
11	Annual financial statements certified by CA	Yes /No	
12	All the technical specifications supportive documents as per the tender document / Any other documents/certificate as specified in tender conditions	Yes /No	
13	Signed and stamped complete tender document	Yes /No	
14	Covering letter as per the format provided in page no.1	Yes /No	
15	Declaration Letter as per Format 1	Yes /No	
16	General particulars of the bidder as per Format 2	Yes /No	
17	Financial Eligibility Criteria Requirement as per Format 3	Yes /No	

**Important Note:**

\* Bidder shall provide the respective page no. in the above table for the respective attachments to be enclosed along with tender document.

\*\* To be uploaded online and submit hard copy in Envelope-I (technical bid)

## **I. General Details and Instructions to Bidders**

### **1. Background**

- 1.1 Government of Telangana has appointed Telangana State Renewable Energy Development Corporation Limited (TSREDCO) as the State Designated Agency (SDA) of Bureau of Energy Efficiency (BEE), Ministry of Power, Govt. of India to coordinate, regulate and enforce the provisions of the Energy Conservation Act-2001 and to implement the schemes under the said Act within the State of Telangana. Bureau of Energy Efficiency will be conducting various workshops, webinars etc., with the SDAs all over India for monitoring the implementation of planned schemes/programmes. Further, BEE is planning to have more interactive discussions with all the SDAs in a very frequent timeline and suggested TSREDCO to setup video conferencing equipment at TSREDCO Office.
- 1.2 Hence TSREDCO is inviting sealed tenders (Technical bid and Commercial bid) from eligible, reputed manufacturers and /or authorized dealers for supply, installation and commissioning of Video Conferencing equipment at TSREDCO head office, Hyderabad through e - procurement.

### **2. Introduction**

- 2.1 TSREDCO, which expression shall also include its successors and permitted assigns, hereby invites interested companies to participate in the bidding process for the selection of Successful Bidder(s) for supply, installation and commissioning of Video Conferencing equipment.
- 2.2 The Bidder is advised to read carefully all instructions and conditions appearing in this document and understand them fully. All information and documents required as per the bid document must be furnished. Failure to provide the information and / or documents as required may render the bid technically unacceptable.
- 2.3 The bidder shall be deemed to have examined the bid document, to have obtained his own information in all matters whatsoever that might affect the carrying out the works in line with the scope of work specified elsewhere in the document at the offered rates and to have satisfied himself to the sufficiency of his bid. The bidder shall be deemed to know the scope, nature and magnitude of the works and requirement of materials, equipment, tools and labour involved, wage structures and as to what all works he has to complete in accordance with the bid documents irrespective of any defects, omissions or errors that may be found in the bid documents.

### **3. General Terms and Conditions**

#### **3.1. General**

- (a) The Bidder should be either a body incorporated in India under the Companies Act, 1956 or 2013 including any amendment thereto and engaged in the business of supplying, installing and commissioning of Video Conferencing equipment.
- (b) The bidder should have executed similar projects and should produce the satisfactory report for installation of Video Conferencing equipment with warranty conditions

A copy of certificate of incorporation shall be furnished along with the bid in support of above.

### **3.2. Earnest Money Deposit (EMD) and Contract Performance Security Deposit:**

The EMD shall be in the form of Online Payment/ Banker's cheque/ Demand Draft in favour of TSREDCO issued by any scheduled/nationalized bank payable at Hyderabad as mentioned in the Bid information sheet. EMD shall remain valid for a period of 45 days beyond the original bid validity period of 90 days, i.e., 135 days from date of Technical bid opening. If there is any extension in bid validity period, then TSREDCO may ask the bidder to extend the validity of EMD.

The details of EMD instrument has to be submitted in relevant field/column of online module. Tenders without Earnest Money Deposit is liable to be rejected. It should be ensured by the bidder that the online payment receipt/original DD/bankers cheque is received by TSREDCO before opening time of Technical bids for verification of the details of online payment receipt/DD/bankers cheque given online by the bidders.

The tender submission, tender closing and opening will be done electronically and online.

TSREDCO will not be responsible for any delay, loss or non-receipt of Tender Document Cost sent by post/courier. The instrument should reach in original to TSREDCO Head office before the Bid Opening date. Bids not accompanied with the requisite tender document cost may not be opened.

The EMD of all the bidders will be returned as promptly as possible after the award is made to lowest evaluated technically acceptable bidder and signing the contract agreement. However, the bidders should submit a letter to VC & MD – TSREDCO requesting to return EMD.

The successful bidder shall submit the contract performance security deposit equivalent to 10% of the value in the form of DD/Bank Guarantee favour of TSREDCO Hyderabad (valid for mentioned warranty period with addition of 3 months) of the bid on or before signing the contract agreement. The security deposit will be with TSREDCO during the warranty period. After successful completion of the warranty period the performance security deposit will be returned to the successful bidder. TSREDCO will not pay the interest incurred on EMD or Security deposit.

The EMD may be forfeited if:

- a. If the bidder withdraws its bid during the period of bid validity as specified in the bid.
- b. If the bidder does not accept assumptions, estimations etc. used for evaluation of bids as specified by TSREDCO in tender documents and revision of his bid accordingly, in case other assumptions are used.
- c. In the case of successful bidder, if the bidder fails to sign the contract agreement within 3 days of placement of Work Order and to furnish the required contract performance guarantee, in accordance with the tender document.

### 3.3. Technical eligibility criteria:

The Bidder should have

- (a) a minimum 2 years experience in the design, supply, installation and commissioning of Video Conferencing equipment system or related works. A copy of Work order / Contract/ PO along with Commissioning certificate/ satisfactory certificate from the Client/Owner of latest projects, since October 2017 related to design, supply, installation and commissioning of video conferencing system shall be submitted along with Technical bid.
- (b) a fully functional service centre with spares stock for attending the service-related queries. Details of the service centre must be provided in Hyderabad/ Secunderabad locations.
- (c) not been under any litigation for corrupt or fraudulent practices or blacklisted by any of the Government agencies. A declaration for the same shall be enclosed with technical bid as per the format 1 of section IV.

The bidder shall have an average Annual turnover of Rupees **10 Lakhs** in the last 3 financial years preceding the Bid Deadline.

Bidders shall furnish documentary evidence as per the **Format-3**, duly certified by Authorized Signatory and the Statutory Auditor / Practicing Chartered Accountant of the Bidding Company in support of their financial capability.

### 3.4. Amendments to tender

- 3.4.1 At any time prior to the deadline for submission of Bids, the TSREDCO may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Tender document by issuing clarification(s) and/or amendment(s).
- 3.4.2 The clarification(s) / amendment(s) (if any) may be notified on TSREDCO website [tsredco.telangana.gov.in/](https://tsredco.telangana.gov.in/) [tender.telangana.gov.in](https://tender.telangana.gov.in/) least one day before the proposed date of submission of the Bid. If any amendment is required to be notified within one day of the proposed date of submission of the Bid, the Bid Deadline may be extended for a suitable period of time. VC & MD - TSREDCO have whole right to publish the amendment.
- 3.4.3 TSREDCO will not bear any responsibility or liability arising out of non-receipt of the information regarding Amendments in time or otherwise. Bidders must check the website for any such amendment before submitting their Bid.
- 3.4.4 In case any amendment is notified after submission of the Bid (prior to the opening of Technical Bid. Bids received by TSREDCO shall be returned to the concerned Bidders on their request through registered post or courier or by hand and it will be for the Bidders to submit fresh Bids as the date notified by the TSREDCO for the purpose.
- 3.4.5 All the notices related to this Bid which are required to be publicized shall be uploaded only on website <https://tsredco.telangana.gov.in/> [tender.telangana.gov.in](https://tender.telangana.gov.in/).

### 3.5. Bid Submission process

All the bids must be submitted through Telangana e tender portal i.e., [https://tender.telangana.gov.in](https://tender.telangana.gov.in/).



Hard copies of the Bid in response to this tender shall be submitted by the Bidders in the following manner.

### **Envelope- I (Technical bid)**

Envelope shall contain the following documents

- i. Covering Letter indicating the profile of the company as per the prescribed Format provided in this tender document (page no.2).
- ii. All the formats provided in the section IV Duly filled, Signed & Stamped
- iii. Copy of PAN and GST certificates of bidding company.
- iv. Bid processing fee as mentioned in the Bid Information Sheet by way of DD drawn in favour of TSREDCO payable at Hyderabad or through online mode of e tender website. In case of online payment receipt to be submitted along with hard copy i.e., in envelope I.
- v. EMD as mentioned in Bid Information Sheet by way of online or DD in favour of TSREDCO (in case of online payment, the screenshot of the same / online receipt shall be enclosed in envelope I).
- vi. General particulars of bidders as per Formats provided in the tender document
- vii. Document in support of meeting Eligibility Criteria as per Clauses mentioned above.
- viii. Signed and stamped Copy of this completed tender document including amendments & clarifications by Authorised signatory on each page with spiral/cone binding.

**Note: All formats and relevant documents as required in the tender document shall be spiral bounded and should be flagged separately. Details of flag should be mentioned in the covering letter.**

The envelope shall be superscripted as Envelope I - “Technical Bid” for Supply, Installation and Commissioning of Video Conferencing Equipment at Telangana State Renewable Energy Development Corporation Limited (TSREDCO) Head Office, Hyderabad.

### **Envelope II- (Financial bid)**

The Bidder shall submit sealed **empty** Financial Bid as per the Format provided in section III. The envelope shall be superscripted as Envelope II - “Financial Bid” for Supply, Installation and Commissioning of Video Conferencing Equipment at Telangana State Renewable Energy Development Corporation Limited (TSREDCO) Head Office, Hyderabad. However, the Bidder shall quote the financial bid only online as per the format provided in this tender. The filled hard copy shall be uploaded in the respective field in the e-tender portal. Bidders shall not submit the filled hard copy in envelope II i., e envelope II shall be with empty financial bid document.

### **3.6. Method of Bid submission**

- 3.6.1. All the bids must be submitted through Telangana e tender portal i.e., <https://tender.telangana.gov.in>.
- 3.6.2. Hard copies of Bids are required to be submitted in a single sealed cover envelope containing Envelope-I (Technical Bid) and Envelope II (Financial Bid) each one duly sealed separately. Envelope should contain the documents as detailed in Clauses above. Both the two envelopes shall be kept in an outermost Envelope. The outermost envelope should be superscribed as “Supply, Installation and Commissioning of Video Conferencing Equipment at Telangana State Renewable Energy Development

Corporation Limited (TSREDCO) Head Office, Hyderabad". Tender Ref No. TSREDCO/EC/BEE/AAP 19-20/VC/85(1)/2019, dated.26.02.2020 (SECOND CALL - SHORT TENDER).

- 3.6.3. The Bidders to send their Bid either by registered post; or speed post; or courier; or by hand delivery, so as to reach TSREDCO by the Bid Deadline through e-tender. Bids submitted by telex/telegram/fax/e-mail shall not be considered under any circumstances. TSREDCO shall not be responsible for any delay in receipt of the Bid. Any Bid received after the Bid Deadline shall be returned unopened.
- 3.6.4. If the outer cover envelope or Envelope I (Covering Envelope, Technical Envelope) Envelope II (Financial Bid) is/are not closed/sealed and not super scribed as per the specified requirement, TSREDCO will assume no responsibility for the Bid's misplacement or premature opening.
- 3.6.5. All the envelopes shall be sealed properly & shall indicate the Name & address of the Bidder. The Bid must be complete in all technical and commercial respect and should contain requisite certificates, drawings, informative literature etc. as required in the Bid document. Each page of the Bid document should be signed & stamped. Bids with any type of change or modification in any of the terms/ conditions of this document shall be rejected. If necessary, additional papers may be attached by the Bidder to furnish/ submit the required information. Any term / condition proposed by the Bidder in his bid which is not in accordance with the terms and conditions of the tender document or any financial conditions, payment terms, rebates etc. mentioned in Financial Bid shall be considered as a conditional Bid and will make the Bid invalid. Further, if any bidder submits financial bid in technical bid envelope, the bid will be rejected.

### **3.7. Validity of Bid**

- 3.7.1. The bid and the Price Schedule included shall remain valid for **a period of 3 months** from the date of Technical bid opening, with bidder having no right to withdraw, revoke or cancel his offer or unilaterally vary the offer submitted or any terms thereof. In case of the bidder revoking or cancelling his offer or varying any term & conditions in regard thereof or not accepting letter of allocation, TSREDCO shall forfeit the EMD furnished by him.
- 3.7.2. In exceptional circumstances when letter of allocation is not issued, the TSREDCO may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The EMD provided shall also be suitably extended.

### **3.8. Cost of bidding**

- 3.8.1. The bidder shall bear all the costs associated with the preparation and submission of his offer. The Bidder shall not be entitled to claim any costs, charges and expenses of and incidental to or incurred by him through or in connection with his submission of bid even though TSREDCO may elect to modify / withdraw the invitation of Bid.

### **3.9. Right to withdraw the tender and to reject any bid**

- 3.9.1 This tender may be withdrawn or cancelled by the TSREDCO at any time without assigning any reasons thereof. The TSREDCO further reserves the right, at its complete

discretion, to reject any or all of the Bids without assigning any reasons whatsoever and without incurring any liability on any account.

- 3.9.2 The TSREDCO reserve the right to interpret the Bid submitted by the Bidder in accordance with the provisions of the tender and make its own judgment regarding the interpretation of the same. In this regard the TSREDCO shall have no liability towards any Bidder and no Bidder shall have any recourse to the TSREDCO with respect to the selection process. TSREDCO shall evaluate the Bids using the evaluation process specified in Section -I, at its sole discretion. TSREDCO decision in this regard shall be final and binding on the Bidders.
- 3.9.3 TSREDCO reserves its right to vary, modify, revise, amend or change any of the terms and conditions of the Bid before submission. The decision regarding acceptance or rejection of bid by TSREDCO will be final. If any bidder tries to influence TSREDCO, the bid will be rejected.

### **3.10. Zero deviation**

This is a ZERO Deviation Bidding Process. Bidder is to ensure compliance of all provisions of the Bid Document and submit their Bid accordingly. Tenders with any deviation to the bid conditions shall be liable for rejection.

### **3.11. Examination of Bid document**

- 3.11.1 The Bidder is required to carefully examine the Technical Specification, terms and Conditions of Contract, and other details relating to supplies as given in the Bid Document.
- 3.11.2 The Bidder shall be deemed to have examined the bid document including the agreement/contract, to have obtained information on all matters whatsoever that might affect to execute the project activity and to have satisfied himself as to the adequacy of his bid. The bidder shall be deemed to have known the scope, nature and magnitude of the supplies and the requirements of material and labour involved etc. and as to all supplies he has to complete in accordance with the Bid document.
- 3.11.3 Bidder is advised to submit the bid on the basis of conditions stipulated in the Bid Document. Bidder's standard terms and conditions if any will not be considered. The cancellation / alteration / amendment / modification in Bid documents shall not be accepted by TSREDCO
- 3.11.4 Bid not submitted as per the instructions to bidders is liable to be rejected. Bid shall confirm in all respects with requirements and conditions referred in this bid document.

### **3.12. Scope of work**

The scope of work for the bidder include complete Design, Supply, Installation and Commissioning of Video Conferencing Equipment at Telangana State Renewable Energy Development Corporation Limited (TSREDCO) Head Office, Hyderabad along with 3 years of warranty.

### 3.13. Project cost

- 3.13.1 The Project cost shall include all the costs related to above Scope of Work. Bidder shall quote for the entire facilities on a “single responsibility” basis such that the total Bid Price covers all the obligations mentioned in the Bidding Documents in respect of Design, Supply, Erection, Testing and Commissioning including Warranty, Operation & Maintenance for a period of 3 years, goods and services including spares required if any during O&M period. The Bidder has to take all permits, approvals and licenses, Insurance etc., provide training and such other items and services required to complete the scope of work mentioned above.
- 3.13.2 The project cost quoted is on turnkey basis and the bidder is responsible for the total Scope of Work described in the tender document.
- 3.13.3 The project cost shall remain firm and fixed and shall be binding on the Successful Bidder till completion of work for payment of subsidy amount irrespective of his actual cost of execution of the project. No escalation will be granted on any reason whatsoever. The bidder shall not be entitled to claim any additional charges, even though it may be necessary to extend the completion period for any reasons whatsoever.
- 3.13.4 The project cost shall be inclusive of all duties and taxes, insurance etc. The prices quoted by the firm shall be complete in all respect and no price variation /adjustment shall be payable.
- 3.13.5 The operation & maintenance of video conferencing system would include wear, tear, overhauling, breakdown, insurance, and replacement of defective parts, spares, consumables & other parts for a period of 3 years.

### 3.14. Insurance

- 3.14.1 The Bidder shall be responsible and take an Insurance Policy for transit-cum-storage-cum-erection for all the materials to cover all risks and liabilities for supply of materials on site basis, storage of materials at site, erection, testing and commissioning.
- 3.14.2 The Bidder shall also take insurance for Third Party Liability covering loss of human life, engineers and workmen and also covering the risks of damage to the third party/material/equipment/properties during execution of the Contract. Before commencement of the work, the Bidder will ensure that all its employees and representatives are covered by suitable insurance against any damage, loss, injury or death arising out of the execution of the work or in carrying out the Contract. Liquidation, Death, Bankruptcy etc., shall be the responsibility of bidder.

### 3.15. Warrantees & Guarantees

- 3.15.1 The Bidder shall warrant that the goods supplied under this contract are new, unused, and as per **Standard specifications** of the most recent or latest technology and incorporate all recent improvements in design and materials.
- 3.15.2 The equipments supplied shall be guaranteed against all types of defects for a period of three years (3 years) from the date of handing over of the equipment to TSREDCO after

successful completion of acceptance testing. Any defects in the system/subassemblies found within the guarantee period shall be rectified/replaced by the supplier free of cost.

3.15.3 During this period, servicing at bimonthly interval or earlier, as prescribed by the manufacturer and as mutually agreed to, shall be carried out free of cost. Supplier shall also indicate the service facility they can offer at the place of installation and the telephone number and address of their service centre. During the warranty period, service call response time should be within 4 hrs in all working hours and 24hrs during after office hours and weekends. The track record of the firm in implementing and maintaining similar systems, the nearest local (Hyderabad) service establishment and the promptness in attending to service/breakdown calls shall also form basis of tender evaluation.

3.15.4 **Replacement Parts Stocking:** Parts shall be available through an extensive network to ensure around-the-clock parts availability throughout the country. Recommended spare parts shall be fully stocked by local field service personnel (in Hyderabad office) with back-up available from national parts centre and the manufacturing location. The national parts centre Customer Support Parts Coordinators shall be on-call 24 hours/day, 7 days/week, and 365 days/year for immediate parts availability. Tenderers may also produce Hyderabad service centre address along with strength support in the form of escalation chart.

### **3.16. Operation & Maintenance (O&M)**

The bidder shall be responsible for Operation and Maintenance of the video conferencing system for a period of 3 years, during which will monitor the project for effective performance in line with conditions specified elsewhere in the bid document. During this period, the bidder shall be responsible for supply of all spare parts as required from time to time for scheduled and preventive maintenance, replacement of defective parts etc.

### **3.17. Type & Quality of Materials and Workmanship**

The Design, engineering, supply, installation, commissioning, testing and performance of the equipment shall be in accordance with latest appropriate IEC/Indian Standards as detailed in the (Technical specifications) of the bid document. At the time of installation, any component/parts which have not been specifically mentioned in this contract but which are necessary for the completeness of the installation shall be provided by the bidder without any extra cost and within the time schedule.

### **3.18. Applicable Law**

The Contract shall be interpreted in accordance with the laws of the Union of India.

### **3.19. Settlement of Dispute**

- i. If any dispute of any kind whatsoever arises between TSREDCO and Successful bidder in connection with or arising out of the contract including without prejudice to the generality of the foregoing, any question regarding the existence, validity or termination, the parties shall seek to resolve any such dispute or difference by mutual consent.

- ii. If the parties fail to resolve, such a dispute or difference by mutual consent, within 45 days of its arising, then the dispute shall be referred by either party by giving notice to the other party in writing of its intention to refer to arbitration as hereafter provided regarding matter under dispute. No arbitration proceedings will commence unless such notice is given. Any dispute in respect of which a notice of intention to commence arbitration has been given in accordance with respective clause shall be finally settled by arbitration.
- iii. In all other cases, any dispute submitted by a party to arbitration shall be heard by an arbitration panel composed of three arbitrators, in accordance with the provisions set forth below.
  - a) The TSREDCO and the Contractor shall each appoint one arbitrator, and these two arbitrators shall jointly appoint a third arbitrator, who shall chair the arbitration panel. If the two arbitrators do not succeed in appointing a third arbitrator within Thirty (30) days after the latter of the two arbitrators has been appointed, the third arbitrator shall, at the request of either party, be appointed by the Appointing Authority for third arbitrator.
  - b) If one party fails to appoint its arbitrator within thirty (30) days after the other party has named its arbitrator, the party which has named an arbitrator may request the Appointing Authority to appoint the second arbitrator.
  - c) If for any reason an arbitrator is unable to perform its function, the mandate of the Arbitrator shall terminate in accordance with the provisions of applicable laws as mentioned in Clause (Applicable Law) and a substitute shall be appointed in the same manner as the original arbitrator.
- iv. Arbitration proceedings shall be conducted with The Arbitration and Conciliation Act, 1996. The venue or arbitration shall be Hyderabad.
- v. The decision of a majority of the arbitrators (or of the third arbitrator chairing the arbitration panel, if there is no such majority) shall be final and binding and shall be enforceable in any court of competent jurisdiction as decree of the court. The parties thereby waive any objections to or claims of immunity from such enforcement.
- vi. The arbitrator(s) shall give reasoned award, notwithstanding any reference to the arbitration herein, the parties shall continue to perform their respective obligations under the agreement unless they otherwise agree.
- vii. Cost of arbitration shall be equally shared between the Successful bidder or Contractor and TSREDCO

### **3.20. Force Majeure**

- 3.20.1 "Force Majeure" means an event beyond the control of the contractor and not involving the contractor's fault or negligence and not foreseeable, either in its sovereign or contractual capacity. Such events may include but are not restricted to Acts of God, wars or revolutions, fires, floods, epidemics, quarantine restrictions and fright embargoes etc. Whether a "Force majeure" situation exists or not, shall be

decided by TSREDCO and its decision shall be final and binding on the contractor and all other concerned.

- 3.20.2 In the event that the contractor is not able to perform his obligations under this contract on account of force majeure, he will be relieved of his obligations during the force majeure period. In the event that such force majeure extends beyond six months, TSREDCO has the right to terminate the contract in which case, the security deposit shall be refunded to him.
- 3.20.3 If a force majeure situation arises, the contractor shall notify TSREDCO in writing promptly, not later than 14 days from the date such situation arises. The contractor shall notify TSREDCO not later than 7 days of cessation of force majeure conditions. After examining the cases, TSREDCO shall decide and grant suitable additional time for the completion of the work, if required.

### **3.21. Language**

All documents, drawings, instructions, design data, calculations, operation, maintenance and safety manuals, reports, labels and any other data shall be in English Language. The contract agreement and all correspondence between the TSREDCO and the bidder shall be in English language

### **3.22. Other Conditions**

The Successful bidder shall not transfer, assign or sublet the work under this contract or any substantial part thereof to any other party without the prior consent of TSREDCO in writing.

The Successful bidder shall not display the photographs of the work and not take advantage through publicity of the work without written permission of TSREDCO.

The Successful bidder shall not make any other use of any of the documents or information of this contract, except for the purposes of performing the contract.

The Components should be manufactured in India only. However, these items should meet the Technical specification and standards mentioned in TENDER.

### **3.23. Rights & Remedies under the contract only for the Parties:**

This contract is not intended & shall not be construed to confer on any person other than the TSREDCO & Successful bidder hereto, any rights and / or remedies herein.

## **4. Evaluation of Financial bid**

Bids qualifying in Technical Evaluation shall only be evaluated in this stage. Financial Bid (Envelope II) of the Qualified Bidders shall be opened only in online in presence of the representatives of such Qualified Bidders, who wish to be present, on a date as mentioned in Bid Information Sheet. The evaluation of Financial Bid shall be carried out based on the information furnished online financial bid. The Financial Bid submitted by the Bidders shall be scrutinized to ensure conformity with the tender. Any Bid not meeting any of the requirements of this tender may cause the Bid to be considered “Non-responsive” at the sole decision of the TSREDCO.

TSREDCO has full rights to call for negotiations for further decreasing the prices. If the bid opening day is Holiday, then the bid will be opened on the next working day.

## **5. Successful Bidder Selection**

TSREDCO will issue Work Order to the successful L1 bidder. Within 3 days, the successful bidder shall enter in to agreement with TSREDCO along with security deposit as mentioned in above section. If the successful L1 bidder fails to enter the agreement with TSREDCO in the specified timeline, EMD will be forfeited and TSREDCO have right to ask L2 bidder to supply the same if L2 bidder accepts and matches the L1 price.

## **6. Penalty for Delay in Project Implementation**

Project completion shall be **15 Days from the date of Issuing of work order**. Failure of non-compliance of same shall lead to forfeiture of Security deposit or as decided by VC & MD – TSREDCO with a proper explanation for the delay.

## **7. Special Attention to bidders**

While preparing the Financial Bid the Bidders shall also take into account the following:

- a) Infrastructure & Construction Facilities, Preliminary, Enabling & Ancillary works whatsoever required by them for successful completion of the Project in the specified time schedule.
- b) Indian Income Tax and Surcharge on Income Tax on Salaries of Expatriates etc.
- c) Corporate Income Tax.
- d) All Taxes, Duties and expenses such as Excise Duty, Sales Tax on Indian Supplies, Customs Duty and Custom Clearance on imported items, transportation and storage at site etc.
- e) All local duties, royalties, octroi etc.
- f) All applicable taxes, cess charges etc., on works contract etc. in the State of Telangana.

## **8. Payment terms:**

Payment will be settled as per the below:

- 1) 70% of purchase order value will be settled on installation and commissioning of VC system and handing over of the system to TSREDCO officials.
- 2) Contractor shall submit the performance and Warranty Certificates for a period of 3 Years.
- 3) 30% will be paid after 30 days of Successful performance and satisfactory.

## **9. Corrupt or Fraudulent practices**

The TSREDCO requires that Successful Bidders/ Contractors should follow the highest standard of ethics during the execution of contract.

In pursuance of this policy, the TSREDCO defines, for the purposes of this provision, the terms set forth as follows:

- “corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the bid process or in contract execution; and



- “fraudulent practice” means a misrepresentation of facts in order to influence a bid process or the execution of a contract to the detriment of the TSREDCO /Govt scheme, 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 TSREDCO of the benefits of free and open competition;
- Will declare a firm ineligible/debarred, either indefinitely or for a specific period of time, a GOVT contract if at any time it is found that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a Government/ TSREDCO schemes.

## II. Technical Specifications

Features	Specifications	Meeting Criteria Yes/ No
<b>Video</b>		
Video Standards	Latest video standards H.264, H.265	
Video Frame Rate	Should support 60 fps with 1080p resolution.	
<b>Video Features</b>	Ability to send and receive two live simultaneous video sources in a single call, so that the image from the main camera and PC or document camera can be seen simultaneously.	
	Should support H.239 and BFCP protocols	
	The system must have the ability to pair with laptop for sending content without any wires to the VC system. In case the above feature is not available natively, then additional components can be provided to achieve this.	
Video Output	Should have at least 2 no.'s of HDMI output to connect. Full High Definition display devices such as 1080 LED TV or high-end projectors for both Video and Content. (Dual Monitor Support)	
Video Input	Should have a digital input (HDMI/DVI) to connect PC/ Laptop directly to the Video conferencing system and display resolutions from VGA, WXGA (1280 x 768) to 1080p (1920 x 1080)	
	Support for 1080p 60fps.	
	Should support the ability to view and share presentations at a resolution of 1920 X 1080 (FHD)	
<b>Audio</b>		
Audio standards supported	G.711, G.722, G.722.1, 64 kbps MPEG-4 AAC-LD standard must be supported.	
Other Desirable features	Noise Reduction, Automatic Gain control, Acoustic Echo Canceller, Active Lip synchronization	
Audio Inputs	Should support 2 Microphone inputs	
	The pickup of the microphones should be at least 10 feet from the microphone.	
	Codec must support AEC	
Audio Outputs	Must have a built-in audio amplifier and speakers for providing Hi fidelity sound with mid-range speakers. The VC unit must have at least 22W of amplifier output.	
<b>Multisite Features</b>	1+ 3 SIP/H.323 Multisite. Resolution up to at least 1080 FHD	
	Individual layouts in Multisite CP	
	H.323/SIP/VoIP in the same conference	
	Support for Presentation (H.239/BFCP) from any participant at resolutions up to 1080p	
	H.264, Encryption, Dual Stream from any site	
<b>Network Interfaces</b>	1 LAN /Ethernet--10/100/1000 Mbps full duplex	

Features	Specifications	Meeting Criteria Yes/ No
<b>Bandwidth</b>	H323/SIP upto 6 Mbps point-to-point.	
<b>Network Capabilities</b>	Packet loss handling mechanism	
<b>H.323/ IP Features</b>	Differentiated Services (QOS):	
	IP adaptive bandwidth management (including flow control)	
	Auto Network Address Translation (NAT) support	
	Standards based- Packet Loss Recovery feature	
	Should support URI Dialling	
	Support for H.245 DTMF tones in H.323	
	Should support IPv4 and IPv6 from day one.	
<b>Management</b>	System Management using HTTPS and SSH	
<b>User Interface</b>	In order to provide a good user experience, the unit must be equipped with an intuitive Touch Screen/Panel/remote for controlling the VC unit.	
	Must have ability to browse the directory, search a contact, Enable / disable speaker tracking, change layouts, mute/ unmute, increase-decrease volume.	
<b>Security</b>		
<b>Menu Control</b>	Password protected system menu	
<b>Encryption of video call</b>	ITU-T standards-based Encryption of the video call	
	Call should be encrypted end-to-end on IP	
	Should support Standards-based AES Encryption via Automatic key generation and exchange. The same should be available in a call with Video with presentation (dual video)	
	Ability to manually turn encryption ON/ OFF should be there.	
	Automatic key generation and exchange	
<b>Camera</b>	Full HD 1080p camera with at least 10x zoom	
	Should support at least 100 degrees horizontal field of view	
	Should have the ability to turn OFF speaker tracking if need be.	
	Must be able to capture a person at a distance of 18 feet in full frame or above	
	The camera and codec should be from the same OEM.	
<b>Directory services</b>	Should support Local and Global directories	
	Should support LDAP and H.350 protocols for directory transfer.	
<b>Specifications for Display</b>		
<b>PANEL</b>		
Backlight Type		Edge
Screen Size		55
Panel Technology		IPS/SPVA
Aspect Ratio		16:09
Native Resolution		3840 x 2160 (UHD)
Brightness		350cd/m2

Features	Specifications	Meeting Criteria Yes/ No	
Contrast Ratio	3000:1 or above		
Viewing Angle(H x V)	178 x 178		
Response Time	8ms (G to G)		
Operation Hours	16/7 hours		
Haze	2% or above		
Orientation	Portrait & Landscape		
<b>Connectivity</b>			
<b>Input</b>			
Digital	HDMI	2, HDCP2.2	
	DVI-D	1	
Audio In	1, DVI		
External Control	RS232C IN	1	
	RJ45	1	
	IR receiver	1	
USB(USB2.0)	2 or more		
<b>Output</b>			
Audio Out	1		
External Speaker Out	Yes(L/R), 6 ohm		
External Control	RS232C OUT	1	
<b>Physical Specification</b>			
Depth	<= 40.1mm		
<b>SPECIAL FEATURES</b>			
Smart Energy Saving	Required		
Internal Memory	8GB (System 4GB + Available 4GB)		
Wi-Fi	Built in		
Wake on LAN	Required		
Media share	Mirroring		
<b>Environment Conditions</b>			
Operation Temperature	0 °C to 40 °C		
Operation Humidity	10 % to 80 %		
<b>Power Consumption</b>			
Typical.	Should not more than 110W/h		
<b>AUDIO</b>			
Audio Power	20W (10W x 2) Built in Speaker		
<b>STANDARD(CERTIFICATION)</b>			
Certification	OEM should have safety certification of UL/BIS		
EMC	FCC Class "A"		
<b>Media Player Compatibility</b>			
External Media player Attachable	Yes		
<b>Software Compatibility</b>			
<b>Yes</b>			
<b>Accessory</b>			
Basic	Remote Controller (include battery 2ea), Power Cord, QSG, Regulation Book, Phone to RS232C Gender.		
Warranty	3 Years on site		

### III. Financial Bid

The prices shall be quoted online through e-tender portal. However, the financial bid shall be submitted in envelope II as mentioned in the below format (On company letter head).

Sl. No	Particulars of the works	Rate per unit (Rs.)	GST (Rs.)	Grand Total (Rs.)
A	B	C	D	E=C+D
1	Cost of Video Conference Equipment as per the technical specifications			
2	Cost for Display			
3	Installation & Commissioning charges			
<b>*Total (in Rs.)</b>				
<b>Total cost in words:</b>				

Date: ..... Signature:.....

Place: ..... Name of the Firm/ Tenderer .....

Note:

**\* The bidders have to enter the LUMPSUM amount in the online form of e-tender. The lumpsum is the total amount in the financial bid**

**IV. Formats for submitting tender**

**All the following formats shall be printed on respective bidding company letter head**

**Format-1**

**Declaration Letter**

**Ref. No.** \_\_\_\_\_

**Date:** \_\_\_\_\_

**From:** \_\_\_\_\_ **(Insert name and address of Bidding Company)**

\_\_\_\_\_,

Tel.#:

Fax#:

E-mail address#

**To**

The VC & Managing Director,  
M/s. TSREDCO Ltd,  
Hyderabad.

Dear Sir,

**Sub: -Bid for “Supply, Installation and Commissioning of Video Conferencing Equipment at Telangana State Renewable Energy Development Corporation Limited (TSREDCO) Head Office, Hyderabad - reg.**

We, the undersigned.....[insert name of the ‘Bidder’] having read, examined and understood in detail the tender Document for Supply, Installation and Commissioning of Video Conferencing Equipment at Telangana State Renewable Energy Development Corporation Limited (TSREDCO) Head Office, Hyderabad along with 3 years warranty hereby submit our Bid comprising of Financial Bid and Technical Bid. We confirm that neither we nor any of our Parent Company / Affiliate/Ultimate Parent Company has submitted Bid other than this Bid directly or indirectly in response to the aforesaid tender.

1. We give our unconditional acceptance to the TENDER No. TSREDCO/EC/BEE/ AAP 19-20/VC/85(1)/2019, dated.26.02.2020 and TENDER Documents attached thereto, issued by TSREDCO. This shall also be construed as a token of our acceptance to the TENDER Documents including all its amendments and clarifications uploaded on TSREDCO website.
2. We shall ensure that we execute such TENDER documents as per the provisions of the TENDER and all provisions of such TENDER Documents shall be binding on us.
3. We have enclosed a EMD of Rs. 60,000/-, in the form of DD/online payment no.....dated.....from (name of the bank).....

4. We have enclosed tender document fee of Rs. 6,000 in the form of DD/online payment no dated..... [Insert date of DD from ..... (Insert name of bank providing DD).
5. We have submitted the complete tender document and submitted the relevant documents as per the respective clause of the tender
6. We hereby unconditionally and irrevocably agree and accept that the decision made by TSREDCO in respect of any matter regarding or arising out of the TENDER shall be binding on us. We hereby expressly waive any and all claims in respect of Bid process.
7. We confirm that there are no litigations or disputes against us, which materially affect our ability to fulfil our obligations with regard to execution of projects of capacity offered by us. We are not blacklisted by any state or central Government / quasi Government departments in India.
8. We confirm that we have studied the provisions of the relevant Indian laws and regulations as required to enable us to submit this Bid and execute the TENDER Documents, in the event of our selection as Successful Bidder. We further undertake and agree that all such factors as mentioned in TENDER have been fully examined and considered while submitting the Bid.
9. We are enclosing herewith the Envelope-I (Technical Bid) and Envelope II (Financial Bid) containing duly signed formats, each one duly sealed separately, in one original Envelope as desired by you in the TENDER for your consideration.
10. We will be accepting the warranty conditions and will also after sales service

It is confirmed that our Bid is consistent with all the requirements of submission as stated in the TENDER and subsequent communications from TSREDCO. The information submitted in our Bid is complete, strictly as per the requirements stipulated in the TENDER and is correct to the best of our knowledge and understanding. We would be solely responsible for any errors or omissions in our Bid.

We confirm that all the terms and conditions of our Bid are valid for acceptance for a period of 3 months from the Bid deadline.

We confirm that we have not taken any deviation so as to be deemed non-responsive.

Dated the \_\_\_\_\_ day of \_\_\_\_\_, 20....

Thanking you,

Yours faithfully,

**Name, Designation and Signature of Authorized Person.**

## GENERAL PARTICULARS OF THE BIDDER

S.No	Particulars	Details
1	Name of the Company	
2	Registered Office Address	
3	Telephone, Telex, Fax No	
4	E-mail	
5	Website	
6	Authorized Contact Person(s) with name, designation Address and Mobile Phone No., E-mail address/ Fax No. to whom all references shall be made	

## Checklist

S.No	Particulars	Attachments needed	Confirmation
1	Company Registration No	A Copy of registration is enclosed	Yes/No
2	PAN No	A Copy of PAN Card is enclosed	Yes/No
3	GST No	A Copy of GST registration certificate is enclosed	Yes/No
4	Past Work Orders/ POs copies	Copy of past Work orders/ P.O.s submitted	Yes/No
5	Latest IT returns Copy	Copy of IT returns last three years (2016-17 to 2018-19)	Yes/No
6	Latest GST/ Sales Tax clearance certificate	Copy of the GST/ sales tax clearance certificate	Yes/No
7	Annual Financials certified by CA	Copy of Annual financials last three years (2016-17 to 2018-19)	Yes/No
8	Distributor Licence Copy/ agreement (in case of Authorised distributor)	Copy of Distributor Licence Copy	Yes/No
9	Local Service centre details	Details of local service centre with name of the personnel and contact number with address	Yes/No
10	Earnest Money Deposit	Online receipt / DD No.:	Yes/No
11	Tender document fee	Online receipt / DD No.:	Yes/No
12	All the technical specifications supportive documents as per the tender document	Satisfying the technical specifications of the tender document	Yes/No
13	Signed and stamped complete tender document	Is uploaded on line and hard copy to be submitted along with technical bid	Yes/No

(Signature of Authorized Signatory)

With Seal



**FINANCIAL ELIGIBILITY CRITERIA REQUIREMENT**

To  
 Vice Chairman & Managing Director,  
 M/s. Telangana State Renewable Energy Development Corp. Ltd,  
 Hyderabad.

Dear Sir,

**Sub: Bid for “Supply, Installation and Commissioning of Video Conferencing Equipment at Telangana State Renewable Energy Development Corporation Limited (TSREDCO) Head Office, Hyderabad - reg.**

We submit our Bid/Bids for Supply, Installation and Commissioning of Video Conferencing Equipment at Telangana State Renewable Energy Development Corporation Limited (TSREDCO) Head Office, Hyderabad. The details of our Financial Eligibility Criteria Requirements are as follows.

Further, we certify that the Financially Evaluated Entity (ies) had an average Annual Turnover of Rs.....Crore computed as per instructions provided in respective Clause of this TENDER based on audited annual accounts

<b>Financial year</b>	<b>Annual Turnover (Rs. Crore)</b>
<b>2016-17</b>	
<b>2017-18</b>	
<b>2018-19</b>	

Yours faithfully,

Signature and stamp of Chartered Accountant/Statutory Auditors of Bidding Company	Signature and stamp of Authorized Signatory of Bidding Company.
Name:	Name:
Date:	Date:
Place	Place