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**ODISHA POWER TRANSMISSION CORPORATION LIMITED**

(A Government of Odisha Undertaking)

Regd. Office: Janpath: Bhubaneswar-751022.

Telephone: (0674) 2540051 (EPABX), Website: [www.optcl.co.in](http://www.optcl.co.in)

CIN: U4102OR2004SGC007553

**Implementation of Video Conferencing System at OERC, Energy Department (Odisha Secretariat), CESU, NESCO Utility, WESCO Utility, SOUTHCO Utility & Office of the E.I.C (07 locations)**

**e-Tender Notice No. TW-IT/OT/08/522/2018-19**

Senior General Manager (IT), OPTCL, 3rd Floor, IT Department, Janpath, Bhubaneswar on behalf of OPTCL invites bids in e-tender mode from reputed eligible bidders for **“Implementation of Video Conferencing System at OERC, Energy Department (Odisha Secretariat), CESU, NESCO Utility, WESCO Utility, SOUTHCO Utility & Office of the E.I.C (07 locations)”** conforming to the terms and conditions mentioned in the e-Tender document.

The interested eligible bidders may visit our website [www.optcl.co.in](http://www.optcl.co.in) on or after 11/03/2019 (17:00 Hrs) to go through / download the scope of work and terms and conditions in detail. The techno-commercial bid shall be due for submission on dated 03/04/2019 (13:30 Hrs).

The interested bidders would be required to enroll themselves on the tender portal [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL). Complete set of bidding documents are available at [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) from 11/03/2019 (17:00 Hrs) up to 03/04/2019 (11:00 Hrs).

N.B.: All subsequent addendums/corrigendum to the tender shall be hosted in the OPTCL's official website <http://www.optcl.co.in> and [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) only.

**Sr. General Manager (IT)**

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## **A. SECTION-I**

### **1. General information to the Bidders**

- I. Name of the Project: “Implementation of Video Conferencing System at OERC, Energy Department (Odisha Secretariat), CESU, NESCO Utility, WESCO Utility, SOUTHCO Utility & Office of the E.I.C (07 locations)”.
- II. The prospective bidders are advised to register their user ID, Password, company ID from the website [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) by clicking on hyper link “Register Me”.

### **2. Submission of Bids**

- I. The bidder shall submit the bid in Electronic Mode only i.e. [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL). The bidder must ensure that the bids are received in the specified portal of the OPTCL Tender Wizard by the date and time indicated in the Tender notice.
- II. Bids submitted in any other form will not be accepted. No request to collect the Bids in physical form will be entertained by OPTCL.
- III. The OPTCL reserves the right to reject any bid, which is not submitted according to the instructions, stipulated.
- IV. The participants of the tender should be registered under IT Act, GST Act.
- V. The Bidder must possess Compatible Digital Signature Certificate (DSC) of Class-II or Class-III.
- VI. The Bidders are requested to follow the below steps for registration
  - a. Click “Register”, fill the online registration form.
  - b. Pay the registration amount through online payment mode in the Keonics Tender Wizard Portal. This registration is valid for one year.
  - c. Send the acknowledgment copy for verification.
  - d. As soon as the verification is done the e-tender User ID will be enabled.
- VII. After viewing Tender Notification, if bidder intends to participate in tender, he/she has to use his/her e-tendering User Id and Password which has been received after registration and acquisition of DSCs.
- VIII. For any e-tendering assistance, contact helpdesk number:080-40482000 (Bangalore)

### **3. Bidding Schedule**

1	Type of Bidding	:	Two- part bidding
2	Tender Documents	:	The bidders can view the tender documents from Website "www.optcl.co.in" free of cost
3	Tender Cost	:	Rs. 12,000 + GST@12%.
4	Mode of paying Tender cost	:	Demand Draft payable to Drawing and Disbursing officer, Headquarters office, OPTCL, Bhubaneswar. The DD must be issued by a nationalized bank on or before the last date for sale of bidding documents, as per clause (10) below
5	Tender Processing Fee	:	The bidders shall have to submit a non- refundable tender processing fee of Rs.5900/- through online payment mode in the Keonics Tender Wizard Portal.
6	EMD*	:	All bids must be accompanied by a bid security (EMD) in the amount of 85,400/-(Eighty Five Thousand four hundred Only)
7	Mode of EMD	:	The bid Security may be submitted in form a demand draft in favor of the Drawing and Disbursing Officer, OPTCL, Headquarters, Bhubaneswar
8	Submitted EMD, Tender Cost, Tender Processing Fee	:	The bidders shall scan the Demand Draft/Online Payment Receipt towards EMD, tender paper Cost and tender processing fee and upload the scanned image in the prescribed form in .jpg/.pdf format in addition to submitted original  The said demand drafts/Online Payment Receipts are to be submitted in original at the office of the undersigned on or before the last date & time of submission of bid.
9	Date of commencement Of Sale of bidding document	:	11/03/2019 (17:00Hrs)
10	Last date of sale of bidding document	:	03/04/2019 (11:00Hrs)
11	Last date and time for Receipt of bids	:	03/04/2019 (13:30Hrs)
12	Date of Pre-Bid meeting	:	19/03/2019 (11:30Hrs)
13	Time and date of opening of Techno-commercial bids	:	04/04/2019 (11:30Hrs)
14	Time and of opening price bids	:	Will be Intimated Latter
15	Place of opening of bids& Address for communication	:	Office of Chief General Manager (IT), 3rd Floor, IT Department, OPTCL Main Building, Janpath, Bhubaneswar- 751022

**\*\*Tender papers shall be free of cost, 50% exemption on payment of EMD will be allowed to the local MSEs registered with respective DICs, Khadi village, cottage industries, OSIC and NSIC. Registration / Scope of business of MSE should cover the items to be procured in this tender.**

## **4. Scope of the Project:**

### **I. Scope of work:**

#### **SCHEDULE - A**

The scope of work for Schedule –A items comprises of procurement, installation, commissioning, integrating, and testing of all components of the Video Conferencing System at 07 different locations that meet the full functionality, along with 05 years OEM Warranty and Support.

- a. The bidders are strongly advised to visit the different offices in order to understand all activities involved in the project and accordingly quote for the tender.
- b. System integration of all the hardware, software, networking items supplied by the successful bidder as part of this project shall be the sole responsibility of the successful bidder. Any additional goods and services required for the completion of the system integration in order to materialize and operationalize all the functional specifications of this project shall be borne by the successful bidder at no extra cost to the purchaser. Any excavation/digging work or any other such work, if required shall be the responsibility of the successful bidder.
- c. Bidders Need to submit the following as a mandatory requirement for this Bid:
  1. Understanding of the Project
  2. Approach Methodology:
    - Approach to meet the Scope
    - Technical Understanding of the Project
    - Bill of Materials without Price
  3. Implementation Methodology
  4. Resource Management
  5. Time line in WBS
  6. Call Resolution Methodology including Call Escalation Matrix
- d. Video Conferencing System shall be implemented in the following 7 Numbers of Location.
  1. OERC: Odisha Electricity Regulatory Commission, Bhubaneswar
  2. Energy Department, Odisha Secretariat, Bhubaneswar
  3. CESU: Central Electricity Supply Utility, Bhubaneswar
  4. NESCO Utility, Balasore
  5. WESCO Utility, Burla
  6. SOUTHCO Utility, Berhampur
  7. Office of E.I.C. (Engineer in Chief Electricity-cum-Principal Chief Electrical Inspection), Bhubaneswar

#### **SCHEDULE - B**

The scope of work for Schedule –B items comprises of supply of items detailed in the SECTION.I.4.II (Schedule of Quantity)

## II. Schedule of Quantity

All the supplies should be made as per OPTCL's requirement, complying with the technical specification mentioned in the tender document.

### • **SCHEDULE- A ITEMS:**

#	Item Description	UOM	Qty.
1	VC Hardware (Codec, Camera, Mic array, Recorder, other cables and accessories) & Multi-party license [including of installation, commissioning, integration & testing]	Set	7
2	55" LED Display with accessories [including of installation, commissioning, integration & testing]	Nos.	7
3	Fabricated box with other accessories for mounting the VC Hardware	Nos.	7

### • **SCHEDULE- B ITEMS:**

#	Item Description	UOM	Qty.
1	RAM (8GB) for HP Proliant DL320e Gen8 V2, Product Number: 726045-375 (Make-ZION)	Nos.	6
2	42U Server Rack with PDU	Nos.	2

## III. Project Timelines:

#	Scope of Work	Time Schedule
1	Acknowledgment of Work Order	Within 07 days from the date of issue of Work Order.
2	a. Inspection of Equipment, b. Supply of Video Conferencing System at all the 07 designated locations as per the Scope of works and Technical Specification	Within 30 days from the date of acknowledgment of Work Order
3	a. Installation, commissioning of Video Conferencing System at all the 07 designated locations b. Trail Run & System Acceptance at each location c. UAT Sign-off	Within 45 days from the date of acknowledgment of Work Order
4	Warranty Period	5 years from the date of UAT sign-off

## 5. Opening of Bids

- I. Bids will be opened in the presence of Bidders or Bidders' representatives who choose to attend at the specified date and time. Bidders' representatives should submit authorization letter from the Bidder to OPTCL to attend opening of Bids.
- II. **Part-I (Techno-Commercial Bid)** shall be opened on the stipulated date and time mentioned under clause SECTION-I.3 [Bidding Schedule]. After technical evaluation, the **Part-II (Price-Bid)** of successful bidders who qualify in the techno-commercial bid shall be opened on a later date - to be decided by the purchaser.

- III. The date of opening of price bids shall be intimated through OPTCL’s web site.
- IV. In the event of the date specified for bid receipt and opening being declared as a closed holiday for purchaser’s office, the due date for submission of bids will be the following working day and the due date for opening of bids will be the next day after the last date of submission of bid.
- V. OPTCL reserves the right to cancel/withdraw the invitation for bids without assigning any reasons and shall bear no liability whatsoever consequent upon such a decision.

## 6. Qualification Requirement

The Bidder must possess the requisite experience, strength and capabilities in providing the services necessary to meet the requirements as described in the RFP document. The bids must be complete in all respect and should cover the entire scope of work as stipulated in the tender document. The invitation to bid is open to all Bidders who qualify the eligibility criteria as given below:

#	Qualification Requirement	Mandatory Supporting Documents
<b>A</b>	<b>Organization’s Financial &amp; Certification Status</b>	
a.	The Bidder should be a registered firm having PAN Number and GST	Scanned copy of GST Registration Certificate and PAN Card
b.	The Bidder should have positive net worth, and should have an average turnover of more than INR 5 crores, for the last three Financial Years ending on 31 <sup>st</sup> March 2018.	Copy of the audited annual accounts of the bidder showing turnover of the bidder for the last three financial years supported by Chartered Accountant certificate for Net-worth and turnover.
c.	The Bidder shall not be under a declaration of ineligibility for corrupt or fraudulent practices or blacklisted with any of the Government agencies as on bid submission date.	Undertaking in this regard by the authorized signatory of the bidder.
d.	The Bidder must have valid ISO 9001:2008 & ISO/IEC 27001:2013 certificate as on bid submission date	Copy of the valid ISO 9001:2008 & ISO/IEC 27001:2013 certification
e.	The Bidder should have at least one office in Odisha and preferably a support center in Bhubaneswar. If the Bidder is not having any office in Odisha then the bidder should submit a letter of undertaking to open an office in Odisha within 30 days from the date of issue of work order.	Latest copy of Property tax /Electricity Bill/Telephone Bill/G.S.T./Lease agreement etc. should be submitted as proof Or In case bidder is not having office in Odisha, letter of undertaking to open an office in Odisha within 30 days from the date of issue of work order to be submitted.
f.	The bidder should submit power of attorney certifying the authorized signatory	Power of Attorney executed by the Bidder in favor of the duly Authorized Representative, certifying him/her as an authorized signatory for the purpose of this Tender. Board resolution also to be submitted in favor of Power of Attorney.
g.	Bidder shall be financially sound and must not be anticipating any ownership change for coming 03 (three) years from bid submission date	An undertaking to this effect shall be submitted by the Bidder duly certified by authorized CA.

h.	The Bidder shall have support center in Odisha with at least 03 (three) technically qualified professionals in the area of Networking Video Conferencing as on bid submission date.	Undertaking from the bidder in its letter signed by authorized signatory mentioning the details of its maintenance & support center along with maintenance & support engineers with their qualification and years of experience.
<b>B</b>	<b>Past Performance &amp; Relevant Project Experience</b>	
	The Bidder should have designed, supplied, installed, tested, commissioned and operated Video Conferencing project(s) in any Central Govt. / State Govt. / PSU / Banks /Autonomous Body(Govt.) in India conforming to the scope of the work during the last three (03) years ending 31 Dec 2018. <ul style="list-style-type: none"> <li>• One (1) project with Order Value of minimum INR 60 lakhs;</li> <li>OR</li> <li>• Two (2) projects each with Order Value of minimum INR 40 lakhs</li> </ul>	Copy of Work order / Contract clearly highlighting the scope of work, Bill of Material and value of the contract/order. Completion certificate Submit suitable, verifiable evidence to demonstrate the experience.
<b>C.</b>	<b>OEM Requirement</b>	
	The Bidder should submit valid letter from the OEMs (MAF as per prescribed format) for Schedule- A Items confirming following: <ul style="list-style-type: none"> <li>• Authorization for bidder</li> <li>• Confirm that the products quoted are not end of life products</li> <li>• Undertake that the OEM support including spares, patches for the quoted products shall be available for next 6 years.</li> </ul>	The Bidder should submit valid letter from the respective OEMs for Schedule- A Items confirming to this effect. OEMs required for: <ul style="list-style-type: none"> <li>• Video Conferencing Hardware &amp; Software</li> <li>• Display Unit</li> </ul>

### 7. Procedure to Submit the Bid:

- a. Tenders shall be in two Parts: The Tenderers are required to submit the tenders in two parts viz. Tenders shall be submitted in electronic mode only through ([www.tenderwizard.com/](http://www.tenderwizard.com/) OPTCL).
  - i. Part-I (Techno commercial)
  - ii. Part-II (Price bid)
- b. All the supporting documents mentioned below are to be signed and scanned, then uploaded in the [tenderwizard.com](http://tenderwizard.com).

#	Document / Description
<b>A.</b>	<b>Documents needs to be Submitted in Hardcopy</b>
1.	<ul style="list-style-type: none"> <li>• Earnest Money Deposit(EMD) : Demand Draft (Original)</li> <li>• Tender Processing Fee : Online Payment Receipt(Copy)</li> <li>• Tender Paper Cost: Demand Draft(Original)</li> <li>• Undertaking for acceptance of Term and conditions as mentioned in the Bid Sheet (Schedule-II) (Signed, sealed and scanned copy)</li> <li>• Authentic copy of registration Certificate as MSE unit if any, for claiming 50% EMD exemption</li> </ul>
<b>B.</b>	<b>Documents needs to be Submitted in Softcopy along with Bid Sheets</b>
2.	Bid Declaration Form



3.	The Bidder should submit valid letter from the OEMs (MAF as per prescribed format)
4.	Copy of the audited annual accounts of the bidder showing turnover of the bidder for the last three financial years ending on 31st March 2018, supported by Chartered Accountant certificate for Net-worth and turnover.
5.	An undertaking that there will be no ownership change in the forthcoming three years from bid submission date.
6.	GST Registration Certificate & PAN Card
7.	Copy of Power of Attorney executed by the Bidder in favor of the duly Authorized Representative, certifying him as an authorized signatory for the purpose of this Tender. Board resolution also to be submitted in favour of Power of Attorney.
8.	Latest copy of Property tax /Electricity Bill/Telephone Bill/G.S.T./Lease agreement etc. should be submitted as proof (Or) In case bidder is not having office in Odisha, letter of undertaking to open an office in Odisha within 30 days from the date of issue of work order to be submitted.
9.	Undertaking from the bidder in its letter signed by authorized signatory mentioning the details of its maintenance & support center along with maintenance & support engineers with their qualification and years of experience.
10.	The Bidder shall submit an undertaking of ineligibility for corrupt or fraudulent practices or blacklisted with any of the Government agencies as on bid submission date.
11.	Copy of the valid ISO 9001:2008 &ISO/IEC 27001:2013 certification
12.	No Deviation Certificate as per the prescribed format
13.	Scanned Copy of Income Tax Return for the last three Financial Years.
14.	Technical literatures and original specifications sheets of each item offered on or before the last date & time of submission of tender.
15.	The bidder shall submit the following in support of Past Performance & Relevant Project Experience: a. Copy of Work order / Contract clearly highlighting the scope of work, Bill of Material and value of the contract/order. b. Completion certificate c. Submit suitable, verifiable evidence to demonstrate the experience.
16.	The following Document need to be submitted in Softcopy (signed and sealed) along with Techno commercial bid as a mandatory requirement ( Refer Section-I .4.I. c ) a. Understanding of the Project b. Approach Methodology: c. Implementation Methodology d. Resource Management e. Time line in WBS f. Call Resolution Methodology & Call Escalation Matrix

## **8. OUTRIGHT REJECTION:**

Apart from uploading scanned image as above, the following documents need to be submitted in original to the undersigned on or before the last date & time of submission of tender otherwise the bid shall be out rightly rejected. The above document is to be submitted in a sealed envelope super scribing the Tender Notice No. & Date of opening of tender on the envelope cover.

- i. EMD : Demand Draft/50% EMD amount with registration certification as MSE for claiming exemption as the case may be towards EMD
- ii. Demand Draft towards Tender paper Cost / Authentic Registration Certificate as MSE if any, for claiming tender paper cost exemption
- iii. Tender Processing Fee: Should be paid online and copy of the payment receipt shall be submitted along with the bid.

## B. SECTION-II

### 1. General Instruction to the Bidders

- I. This tender covers the required quantity of materials. These quantities are to be supplied by the vendor on receipt of the order. The initial order will be supplied within the stipulated period.
- II. Tenders will be opened in the Office of the Chief General Manager (IT) on the stipulated date and time in the presence of their authorized representatives (limited to one person), at the time of opening the bids.
- III. Only “non-material deviations” (which means only those deviations that do not qualify as material deviations as defined in ITB clause of bid document) will be considered by the purchaser. Please describe all the non-material deviations w.r.t Terms and conditions described in the General conditions of contract Section III.

**If bidder desires to take any non-material deviation from the terms & conditions of the tender, it should be mentioned specifically in this deviation sheet. Unless such deviations are mentioned in this deviation sheet, the same will not be taken into consideration.**

### **Format for Deviations**

#	Tender Reference (Section/Clause)	Details of Clauses/Section needing deviation	Deviation proposed

Except aforesaid deviations, the entire order, if placed, shall be executed in accordance with specifications and any other conditions, variations/deviations etc. if found, elsewhere in this proposal should not be given any consideration while finalizing the tender.

It is not mandatory to consider and accept the deviation mentioned on deviation sheet proposed by the bidder.

Note: - Continuation sheet of like size & format may be used as per bidder’s requirement wherever necessary.

- IV. The purchaser reserves the right to reject the lowest or any other tenders or all tenders without assigning any reason whatsoever if it is considered expedient in the overall interest of OPTCL.
- V. The tender shall be accompanied by Earnest Money Deposit of value specified under in Section-I.3.
  - (a) The EMD (Earnest Money Deposit) shall be offered in one of the following forms subject to the conditions mentioned below:

- i. **Demand Draft:** A Demand Draft drawn in favor of *Drawing and Disbursing Officer*, OPTCL Headquarters, Bhubaneswar –751022.
  - ii. No interest shall be paid on Earnest Money Deposit
  - iii. No adjustment towards Earnest Money Deposit shall be permitted against any outstanding amount with OPTCL.
  - iv. In the case of the un-successful tenderer, the Earnest Money will be refunded immediately after the tender is decided. In the case of successful tenderer, this will be refunded only after furnishing of necessary Bank Guarantee as detailed in the RFP. Suits, if any arising out of this clause shall be filed in a Court of law to which the jurisdiction of High Court of ODISHA extends.
  - v. Earnest Money will be forfeited if the tenderer fails to accept the letter of intent and / Purchase orders issued in his/her favor as well as satisfactory completion of the project.
- (b) Revision of Tender Price By Bidders
- i. After opening of tenders and within the validity period, no reduction or Enhancement in price will be entertained. If there is any change in price, the tender shall stand rejected and E.M.D. deposited shall be forfeited. In case of bidders who are exempted from depositing E.M.D. and who revise their price within the validity period, the bids for similar items against subsequent tender call notice of OPTCL, may not be considered.
  - ii. If required, the Tenderers may be asked to extend the validity period of bids under the same terms and conditions as per the original tender except for the change in delivery period, In such an event the Tenderers are free to change any or all conditions of their bids including price at their own risk.
  - iii. If required, the tenderer may be requested to revalidate the tender after expiry of the validity period if required under the same terms and conditions as per original tender except for the change in delivery period, if necessary. In such an event the tenderers are free to change any or all conditions of their bids including price at their own risk.
- (c) Tenderers are expected to be fully conversant with the meaning of all the clauses of the specifications before submitting their tenders. In case of doubt regarding the meaning of any clause the tenderer may ask for clarification in writing from the Sr. General Manager (IT), OPTCL, Bhubaneswar, two days before the pre-bid meeting via email to [sgm.it@optcl.co.in](mailto:sgm.it@optcl.co.in) & [it.hsapatthy@optcl.co.in](mailto:it.hsapatthy@optcl.co.in).
- (d) This however, does not entitle the tenderer to ask for time beyond due date fixed for receipt of tender.
- (e) Conditional Offer: Conditional offers shall not be accepted.
- (f) Tenderers shall quote for all the items as per the Technical Specification detailed under Section – IV. Tenders not quoted for all the items shall not be considered. In the event of discrepancy or arithmetical error in the

schedule of price, the decision of the purchaser shall be final and binding on the tenderer.

For evaluation the price mentioned in words shall be taken as final, if there is any difference in figure and words in the price bid.

(g) The price bids of the technically and otherwise acceptable bids shall only be evaluated.

VI. The tender terms and conditions mentioned in the RFP/Tender Document shall prevail over the terms and conditions mentioned in the techno-commercial bid and price bid, in case of any ambiguity.

### **C. SECTION-III**

#### **GENERAL CONDITIONS OF THE CONTRACT**

##### **I. Definition of Terms:**

In writing these General Conditions of Contract, the following words shall have the meanings hereby indicated unless there is something in the subject matter or contract inconsistent with such constructions.

- a. "The Purchaser" shall mean the ODISHA POWER TRANSMISSION CORPORATION LIMITED or OPTCL.
- b. "The Engineer" shall mean the engineers appointed by the Purchaser for the purpose of this contract.
- c. "Purchaser's representative" shall mean any person or persons or consulting firm appointed and remunerated by the Purchaser to supervise, inspect, test and examine workmanship and materials of the equipment to be supplied.
- d. "The Contractor" shall mean the Bidder whose bid has been accepted by the Purchaser and shall include the Bidders executions, administrators' successors and permitted agencies.
- e. "**Video Conferencing System**" shall mean and include all machineries, equipment, materials, articles and services to be provided with respect to items mentioned in the tender, under the contract by the contractor.
- f. "Contract Price" shall mean the sum named in or calculated in accordance with the provisions of the contract as the "contract price" which shall include packing, forwarding freight, Insurance and other taxes and duties if applicable.
- g. "General Condition" shall mean these General Condition of Contract.
- h. "The Specification" shall mean the specification annexed to or issued with the General Conditions and shall include the schedules and drawings attached thereto as well as all samples and pattern, if any.
- i. "Month" shall mean of calendar month.
- j. "Writing" shall include any manuscript, typed/hand written/ printed or other statement re-produced in any visible form and whether under seal or under hand.
- k. "F.O.R. Destination" costs shall mean the cost of equipment and material at the consignee's store. The cost is exclusive of other local Taxes, but is inclusive of packing, forwarding and insurance & Freight charges.
- l. The "term" contract shall mean & include General Conditions, Specifications, and Schedules, Drawings, form of tender, covering letter, schedule of prices or the final General Condition, any special conditions applying the particular contract, specifications and drawings and agreement to be entered in.

## **II. Guidelines for the bidder**

The Contractor shall examine the instructions to Tenderers, General Conditions of Contract, Specification, the Schedules of Quantity and delivery and rest of the bidding document to satisfy themselves as to all terms and conditions and circumstances affecting the contract price. They shall quote price (s) according to their own allowances except as otherwise provided therein will be levied. The purchaser shall not be responsible for any misunderstanding or incorrect information obtained by the contractor other than information given to the contract in writing by the purchaser.

## **III. Patent Rights**

Any dispute arising in respect of copy right act for the equipment supplied hardware or software configured by the vendor and used by the purchaser shall be the responsibility of the vendor and the purchaser in no way shall be held responsible in any form or court of law in this regard.

## **IV. Manner Of Execution**

All equipment supplied under the contract shall be manufactured in the manner set out in the specification and to the reasonable satisfaction of the purchaser. All the Video Conferencing equipment supplied by the contractor shall be new, unused and conforming to relevant standards.

## **V. Inspections And Testing**

- a. The Purchaser or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Purchaser. The Purchaser shall notify what inspections and tests the Purchaser requires and where they are to be conducted.
- b. The inspections and tests may be conducted on the premises of the Manufacturer or Supplier at point of dispatch. The Supplier shall provide all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.
- c. The Purchaser's right to inspect, test, and where necessary, reject the Goods after the Goods' arrival at Project Site shall in no way be limited or waived by reason of the Goods having previously been inspected, tested, and passed by the Purchaser or its representative prior to the Goods' shipment.

**NOTE:** The inspection of the Goods shall be carried out to check whether the Goods are in conformity with the technical specifications attached to the contract and shall be in line with the inspection/ test procedures laid down in the Technical Specifications and General Conditions of Contract. The Purchaser may again test

the equipment after completion of the installation and commissioning at the site of the installation.

## **VI. Dispatch Instructions**

- a. Free delivery should be made at the place as specified in the firm's work order.
- b. The free delivery of all items (Schedule-A & Schedule-B) should be made at the Consignee Location (IT Stores, IT Department, OPTCL Headquarters, Bhubaneswar). However, the installation and commissioning of the Schedule-A items shall be done at the following locations:
  - i. OERC: Odisha Electricity Regulatory Commission, Bhubaneswar
  - ii. Energy Department, Odisha Secretariat, Bhubaneswar
  - iii. CESU: Central Electricity Supply Utility, Bhubaneswar
  - iv. NESCO Utility, Balasore
  - v. WESCO Utility, Burla
  - vi. SOUTHCO Utility, Berhampur
  - vii. Office of E.I.C. (Engineer in Chief Electricity-cum-Principal Chief Electrical Inspection), Bhubaneswar
- c. The transfer of Schedule-A Items from Consignee's Location to the above 07 locations shall be the free of cost and is the responsibility of the bidder.
- d. The delivery, installation and commissioning of the items ordered, as specified, should not exceed 45 (Forty five) days from the date of date of acceptance of "Work Order/Purchase Order.

## **VII. Acceptance Test**

- a. The installation and commissioning will be deemed complete only after it passes successfully through the acceptance test and an acceptance certificate is issued by the competent authority.
- b. The acceptance test will be conducted by the Purchaser, their consultant or any other person nominated by the Purchaser. The acceptance will involve trouble-free integrated operation of all items of supply. There shall not be any additional charges for carrying out acceptance test. No malfunction, partial or complete failure of any part should occur. No missing modules/sections will be allowed.
- c. In the event of the Video Conferencing equipment of the Contract failing to pass the acceptance test, a period not exceeding **ten days** will be given to rectify the defects and clear the acceptance test, failing which the Purchaser reserves the rights to get the equipment replaced by the Supplier at no extra cost to the Purchaser.
- d. Successful conduct and conclusion of the acceptance tests for the installed goods and equipment and configured services shall also be the sole responsibility and at the cost of the Supplier.

### **VIII. Contract's Default Liability:**

- a. The purchaser may upon written notice of default to the contractor terminate the contract in circumstances detailed hereunder.
  - i. If in the judgment of the purchaser, the contractor fails to make delivery of equipment within the time specified in the contract or within the period for which extension has been granted by the purchaser, to the contractor.
  - ii. If in the judgment of the purchaser, the contractor fails to supply with any of the other provisions of this contract.
- b. In the event purchaser terminates the contract in whole or in parts, the purchaser reserves the right to purchase upon such terms and in such a manner as it may deem appropriate, equipment similar to that of terminated and the contractor will be liable to the purchaser for any additional costs for such similar equipment and/or for price reduction for delay as defined in Section-III.(1).XI until such reasonable time as may be required for the final supply of equipment. Execution of contract under such circumstances shall however be on express written willingness of both the parties.
- c. In the event the purchaser does not terminate the contract as provided in SECTION-III.(VIII).(a) above, Contractor shall continue the performance of the contract, in which case he shall be liable to the purchaser for any price reduction for delay as set out in Section -III.(1).XI until the equipment is accepted. Execution of the contract under such circumstances shall however be on express written willingness of both the parties.

### **IX. Rejection of Materials:**

In the event on any of the materials/ equipment supplied by the contractor is found defective in materials or workmanship or otherwise not in conformity with the requirements of the contract specification, the purchaser shall reject the materials/equipment and request the contractor in writing to rectify the same. The contractor on receipt of such notification shall either rectify or replace the defective equipment free of cost to the purchaser. If the contractor fails to do so within 30 days of written notice, the purchaser may:

- i. At its option replace or rectify such defective equipment and recover the extra costs so involved from the contractor and/or
- ii. Terminate the contract for balance work/supplies, with enforcement of penalty as per contract.
- iii. Acquires the affected equipment/materials and services at reduced price considered equitable under the circumstances.
- iv. The contractor shall not be allowed any extension in contract completion period due to time taken to replenish the rejected material/work.



## **X. Extension of Time:**

If the delivery of equipment/materials is delayed due to reasons beyond the control of the contractor, the contractor shall without delay give notice to the purchaser in writing of his claim for an extension of time. The purchaser on receipt of such notice may agree to extend the contract delivery date as may be reasonable but without prejudice to other terms and conditions of the contract.

## **XI. Price Reduction Schedule For Supply, Installation, Commissioning, Integration, Testing, Acceptance & Warranty Phase**

Delay in execution of any supply, installation, commissioning, integration, testing, acceptance against this tender shall attract Price Reduction.

### **a. For Supply, installation and commissioning:**

If the supplier fails to complete the delivery, installation, commissioning, integration, testing and acceptance is not completed within the specified scheduled time, OPTCL shall impose price reduction on the supplier of 0.5% of the taxable value of the undelivered portion (item) for each calendar week or part there of subject to a maximum of 5% of the total taxable value. Imposition of penalty is however subject to force majeure conditions.

### **b. For Warranty Support:**

In case, the downtime of a unit exceeds 24 hours from the time of intimation of OPTCL and the fault is not rectified or faulty equipment is not replaced, a price reduction of 0.5% of the taxable value of per faulty unit per day will be made and will be recovered from the invoices or from the performance guarantee or from any sum thereafter that may become due to the vendor out of this contract or any other contract with OPTCL, Bhubaneswar. 24 hours or part thereof beyond the stipulated downtime shall be counted as a full day for calculation for imposition of price reduction.

**NOTE:** The above price reduction will be made from the immediate next invoices raised by the firm. The Price Reduction value will be adjusted from the Performance Bank Guarantee till it exceeds 50% of the guarantee amount at which point OPTCL reserves the right to cancel the contract. In such cases, the full amount of Performance Bank Guarantee shall be forfeited to OPTCL.

## **XII. Warranty**

- i. The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract and all the Services configured shall render trouble free function. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the

- Purchaser's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.
- ii. The OEM Warranty for Schedule-A Items [a: VC Hardware (Codec, Camera, Mic array, Recorder, other cables and accessories) & Multi-party license; b: 55" LED Display with accessories] shall remain valid for 05 years from the date of UAT Sign-off.
  - iii. The free comprehensive support during the warranty period will include the following:
    - a. All defects and complaints shall be communicated to the "vendor" by the "Purchaser" through email or any other complaint registration method mutually agreed by the purchaser and vendor.
    - b. The vendor shall rectify the fault within 24 hours from the time of registration of the complaint.
    - c. System readjustment and/or system changing-over support on occasions of reconfiguration and/or upgrade and extensions if any.
    - d. The vendor shall be responsible for any defects that may arise out under normal usage due to faulty materials attached to the system, designing lacuna or poor workmanship. The vendor shall have to take immediate remedial measure for such defects at his own cost when called upon to do so by the Purchaser.
    - e. The vendor should also guarantee that the equipment and its accessories supplied are complete and fully compatible in every respect, and conform to technical specifications of design, material and workmanship mentioned in the quotation. The vendor should also guarantee that the equipment and its accessories supplied would perform satisfactorily as per requirements mentioned in the specification.
    - f. Any software support like update/enhancement/upgrade etc. Released till the completion of warranty period shall be supplied, installed and commissioned free of cost by the bidder, irrespective of whether or not OEM charges for the same.
    - g. Any corruption in the Software or Firmware or defect in the Hardware shall be repaired/ replaced within 01 months of notification defect during the full period of the contract including 05 years Warranty period, at no extra cost to the OPTCL. However, SI must supply the spare of same or higher configuration in place of the defective items during the phase of repair/rectification/replacement of the faulty materials at no extra cost to OPTCL.
    - h. In case of violation of any of the conditions of warranty (for five years), the Performance Bank Guarantee shall be invoked by OPTCL. In case the violation of the condition of warranty is not set right by the vendor, the Performance Bank Guarantee shall be extended beyond five years

for which the vendor shall request the banker for the same. The formalities for extension of warranty should be completed well in advance of the expiry of warranty period by the vendor/bidder; otherwise OPTCL will be forced to invoke the said Performance Bank Guarantee.

- i. If any equipment gives continuous trouble, say three times in one month, during the warranty period, the Supplier shall replace the equipment with new equipment without any additional cost to OPTCL.
- j. In case, the downtime of a unit exceeds 24 hours from the time of intimation of OPTCL and the fault is not rectified or faulty equipment not replaced, a price reduction of 0.5% of the taxable value of per faulty unit per day will be made and will be recovered from the invoices or from the performance guarantee or from any sum thereafter that may become due to the vendor out of this contract or any other contract with OPTCL, Bhubaneswar. 24 hours or part thereof beyond the stipulated downtime shall be counted as a full day for calculation for imposition of price reduction.
- k. In case, the faulty units will not be replaced/rectified/repared within the time frame of 01 months from the registration of issue by OPTCL as mentioned in the above point no. (g), necessary price reduction shall be made as per the above point (j) even if active spare items are supplied & installed in place of the faulty items.
- l. **NOTE:** The above price reduction will be made from the immediate next invoices raised by the firm. The Price Reduction value will be adjusted from the Performance Bank Guarantee till it exceeds 50% of the guarantee amount at which point, the Chief General Manager (IT), OPTCL reserves the right to cancel the contract. In such cases, the full amount of Performance Bank Guarantee shall be forfeited to OPTCL.

### **XIII. Price**

- a. The prices shall be FOR destination only at the consignees store(s) inclusive of packing, forwarding, freight and insurance.
- b. The prices shall be FIRM:  
Prices shall not be subject to any upward/downward revision on any account whatsoever throughout the period of contract, provided that any revision in applicable taxes which is not occasioned due to any change in place, method and time of supply or non-performance / non-fulfillment of any condition of any exemption considered by the vendor at the time of proposal, shall be considered for price adjustments.
- c. The OPTCL reserves the right to increase or decrease the quantity of Goods and Related Services under the contract subject to the limit of 30% of the contract price, without any change in the unit prices or other terms and conditions of the Bid and the Bidding Document. It is clarified that this

increase or decrease of 30% shall not entitle either party to claim revision of the unit price of the goods supplied. Any increase/decrease in quantity resulting in increase/decrease in the contract price by more than 30% of the contract price shall be subject to mutual agreement between the successful bidder & the purchaser taking into account the prevailing market condition.

**XIV. Import License:**

In case imported materials are offered no assistance will be given for Import License or release of Foreign Exchange. The firm should arrange to import materials from their own quota.

**XV. Validity**

Prices and conditions of sale of the offer should be valid for a period of **180 (one hundred and eighty)** days from the date of opening of the techno-commercial bid. However, the tenderer shall confirm in writing in the tender in this regard, otherwise, must mention his validity period in writing in the tender failing which the tender shall be rejected.

**XVI. Terms of Payment**

- i. 70% of the Supply payment shall be released on completion of inspection & verification of all items, delivery of all items at IT Stores, OPTCL Headquarters, Bhubaneswar.

The payment shall be made on submission of the following documents:

- a. Bills in triplicate
- b. Delivery Challan duly signed by consignee.
- c. Verification & Inspection Certificate duly signed by IT officers and approved by Sr. General Manager (IT)

- ii. 30% of the balance amount (Location wise) shall be released on successful installation and commissioning of the Video Conferencing System, System Acceptance by end-users, training to end users and IT officers of OPTCL and submission of necessary manuals, drawings and documentation at each designated locations.

The payment shall be made on submission of the following documents:

- a. Bills in triplicate
- b. Installation & Commissioning certificate
- c. Training Certificate
- d. Successful System Acceptance Certificate
- e. OEM warranty certificate as per the warranty clause
- f. Training Completion Certificate
- g. Manuals, Drawings and other necessary documents
- h. UAT Sign-off Report
- i. Performance Bank Guarantee as per the Bank Guarantee Clause (SECTION-III.XVIII)

**No advance payment in any form will be made.**

**Handling of foreign exchange component and customs clearances, if any, must be taken care of by the bidder.**

**XVII. Paying Officer**

Drawing & Disbursing Officer, OPTCL Headquarters, Bhubaneswar shall be the paying officer of this Project.

**XVIII. Consignee**

Officer in-charge of IT Stores, IT Department, OPTCL Headquarters, Bhubaneswar shall be the consignee of this Project.

**XIX. Bank Guarantee**

A Performance Bank Guarantee at the rate of 10% (Ten percent) of the value of the total project cost shall be furnished from any Nationalized/ Scheduled Bank to the Sr. General Manager (I.T), OPTCL within 30 (thirty) days of acceptance of the work order, executed in a non-judicial stamp paper worth of Rs.100/- (Rupees Hundred) only subject to change as per ODISHA Stamp Duty Act valid for a valid for 65 months (Sixty Five months) from date of acceptance of this contract as per the proforma enclosed, towards security, 100% payment and performance guarantee purposes failing which the purchaser may terminate the whole contract.

No interest will be payable on the Bank Guarantee amount.

**XX. Insurance**

Insurance of Stores covered by this specification shall be done by the suppliers with their own insurance unless otherwise stated. The responsibility of delivery of the stores at destination in good condition rests with the supplier. Any claim with the Insurance Company or transport agency arising due to loss or damage in transit has to be settled by the supplier. The supplier shall undertake free replacement of materials damaged or lost which will be reported by the consignee within 30 (Thirty) days of receipt of the materials at destination without awaiting for the settlement of their claims with the carriers and underwriters. In case the replacement of damaged item/part is not done within 30 (Thirty) days, the material shall be treated as not delivered and shall attract price reduction till replacement as per clause under heading "Rejection of Materials".

**XXI. Payment due from the Contractor**

All costs and damages, for which the contractor is liable to the purchaser, will be deducted by the purchaser from any money due to the contractor under the contract or through the composite Bank Guarantee submitted by the contractor.

**XXII. Jurisdiction Of The High Court Of Odisha**

Suits, if any, arising out of this contract shall be filed by either party in a court of law to which the jurisdiction of High Court of Odisha extends.

**XXIII. Right to reject/accept any tender**

The purchaser reserves the right either to reject or to accept any or all tenders. The purchaser has exclusive right to alter the quantities of materials at the time of placing final purchase order. After placing of the order the purchaser may defer the delivery of the materials. It may be clearly understood by the tenderer that the purchaser need not assign any reason for the above action.

**XXIV. Contractor's Responsibility:**

Notwithstanding anything mentioned in the specification or subsequent approval or acceptance of the purchaser, the ultimate responsibility for design of materials and satisfactory performance shall rest with the tenderer.

**XXV. Evaluation of Bids:**

In comparing bids and in making awards the purchaser may consider such factors as compliance with specifications, relative quantity, land adaptability of supplies or services, experience, financial soundness, records of integrity in dealings, performance of materials/equipment earlier supplied, utility to furnish repairs and maintenance services, the time of delivery, capability to perform including available facilities such as adequate shops, plants, equipment and technical organization. All costs incidental to execution of the Contract including take-back items shall be taken into consideration in addition to the above for evaluation of offers.

**XXVI. Force majeure**

The supplier shall not be liable for any penalty for delay or for failure to perform the contract for reasons of force majeure such as acts of God, acts of the public enemy, acts of Govt., Fires, floods, epidemics, Quarantine restrictions, strikes, Freight Embargoes / failure in downloading, activating the license due network problems, server down, link failure, site not ready, consignee absent and provided that the supplier shall within Ten (10) days from the beginning of such delay notify the purchaser in writing of the cause of delay along with documentary evidence. The purchaser shall verify the facts and grant such extension, if facts justify.

**XXVII. Correspondences**

- a. Any notice to the contract or under the terms of the contract shall be served by Registered mail or by hand at the contractor's principal place of business.
- b. Any notice to the purchaser shall be served at the OPTCL's principal office in the same manner.

**XXVIII. Copy right protection of tender document:**

The contractor shall treat the details of the Specification and other Tender documents as private and confidential and they shall not be reproduced without written authorization from the purchaser.

## D. SECTION-IV

### 1. Technical Specifications:

#### Technical requirements of major equipment of Video Conferencing System:

- a. This specification covers Supply, Installation and Commissioning of Full HD Video Conferencing (VC) System at 07 designated locations which may be connected on intranet or internet.
- b. The solution should be hardware-based. Software-based solutions are not acceptable. All components of the VC system like Codec, Camera and Microphone & Recorder, etc. should be from the same OEM.
- c. The Video Conferencing System provided at each location should be able to establish VC for minimum 08 (eight) parties including the host along with simultaneous recording at the host end, with continuous presence of all parties. Each location may be having its own intranet connectivity or internet connectivity. It is the responsibility of the System Integrator to configure the VC System in such a way that each location out of these 07 locations can establish bi-directional communicate to any location in any network (intranet and internet) through public/private IP.
- d. There should be protection against network interruptions in point-to-point and multi-point calls with automatic down speeding and Packet loss recovery technology.
- e. It should have dual monitor support to simultaneously display full screen video and presentations.
- f. Cameras should be Full HD 1920x1080p with 12x optical zoom and Auto Focus as per specifications given in the table below.
- g. It should have built-in capability for Video, Voice and sharing of MS-Office applications like MS-Word, MS-PowerPoint presentations, MS-Excel etc. with desktop / laptop computer integration during video calls simultaneously. This will ensure easy collaboration of data during audio and video conference.
- h. Elaborated specifications is detailed in the below table:

A. Technical Specification for Video Conferencing Equipment (Codec, Camera & Recorder)		
#	Parameter	Specifications
1.	Package	<ol style="list-style-type: none"> <li>1. Full HD 1080p camera, Codec, Microphone Array, cables, remote control, Recorder (In-built/External)</li> <li>2. If any additional audio/video equipment or license is required for full system integration then it shall be borne by the bidder.</li> <li>3. The Codec should be Full HD and rack mountable</li> </ol>
2.	Video Standards and Resolutions	It should support the following standards and resolution: <ol style="list-style-type: none"> <li>1. It should support H.323, SIP standards for communications.</li> <li>2. It should support H.263, H.264 AVC/ SVC/ H.264 High Profile/ H.264 VBR/H.264 CBR, H.264, H.239</li> <li>3. It should support 1080p @ 60 fps/ 1080p @ 30 fps, 720p @ 60 fps/ 720p @ 30fps</li> </ol>

3.	Content Standards and Resolutions	<ol style="list-style-type: none"> <li>1. It should support content sharing using standard based H.239</li> <li>2. It should transmit both people and content both simultaneously to the far end location at 1080p 30fps</li> <li>3. It should also support audio from PC used for content sharing.</li> </ol>
4.	Audio Standards and Features	<ol style="list-style-type: none"> <li>1. It should support G.711, G.728, G.729/GIPS/MPEG4/AAC, G.722,G.722.1 or better</li> <li>2. It should support 20 kHz or better bandwidth with crystal clear audio and stereo sound.</li> <li>3. Automatic Gain Control and Automatic Noise Suppression</li> <li>4. Keyboard noise reduction and instant adaptation echo cancellation</li> </ol>
5.	Video and Audio Inputs	<ol style="list-style-type: none"> <li>1. 1 x HD input for connecting HD camera</li> <li>2. 1 x HD input for connecting a secondary HD camera (for future requirement)</li> <li>3. 1 x HDMI input for connecting PC/Laptop to share HD content</li> <li>4. 2 x Microphone Input</li> <li>5. USB 3.0 or 2.0</li> <li>6. 2 x RCA line-in</li> </ol>
6.	Video and Audio Outputs	<ol style="list-style-type: none"> <li>1. 2 x HDMI input for connecting to two display unit</li> <li>2. 1 x VGA</li> <li>3. 1 x HD output for connecting additional monitor or recorder. The recorder should be supplied along with the package. It should have provision to record encrypted calls. USB based recording is not acceptable.</li> <li>4. 1 x RCA pair stereo line-out</li> </ol>
7.	Other Interfaces	<ol style="list-style-type: none"> <li>1. 1 x 10/100/1000 LAN port or 1x RJ45 LAN ports</li> <li>2. Minimum 2 x USB 2.0 or USB 3.0</li> <li>3. Minimum 1 x RS-232, 8-pin mini-DIN</li> </ol>
8.	Camera	<ol style="list-style-type: none"> <li>1. Full HD 1080p PTZ Camera</li> <li>2. It should support 1080p at 30fps or 1080p at 60fps</li> <li>3. It should support minimum 12x Optical Zoom or higher</li> <li>4. It should support PAN Range of +/-90° (min.)</li> <li>5. It should support Tilt Range of +/-20° (min.)</li> <li>6. It should support Horizontal Field of View of at least 65°</li> <li>7. It should be upgradable to support advanced face-recognition technology such that it automatically scans the room and seamlessly commands the main camera to appropriately frame the users during a call without any manual intervention</li> </ol>
9.	Network Features	<ol style="list-style-type: none"> <li>1. H.323 and SIP bandwidth up to 6 Mbps</li> <li>2. IPv4 and IPv6 compliant</li> <li>3. H.323 based Packet Lost Recovery</li> <li>4. Auto Gatekeeper Discovery</li> <li>5. IP Precedence, QoS</li> </ol>
10.	Security	<ol style="list-style-type: none"> <li>1. Media Encryption (H.323, SIP): AES-128/ AES-256</li> <li>2. The system should also support local recording of an encrypted call</li> <li>3. System Management by web interface, SNMP</li> <li>4. Authenticated access to admin menus, web interface and telnet API</li> <li>5. Local account password policy configuration</li> </ol>
11.	Other Standards	H224/H.281, H.323 Annex Q, H.225, H.245, H.241, H.239, H.243, H.460



12.	Recording and Storage	The system should support recording and storage feature. The recorder can be in-built or external and should be included in the package.
13.	Multisite Feature	It should support at least 8 sites (07 remote + 01 host) at HD resolution with simultaneous recording
14.	Microphones	Group Microphone array should be supplied
<b>B. Technical Specification for 55" Full Hi-Definition LED Display with HDMI &amp; other cables, mounting brackets and other necessary accessories:</b>		
1.	Screen Size	55" LED Display Full HDTV, Flat Type, 24x7 operation
2.	Industrial Grade	Yes
3.	Resolution	1920x1080
4.	Aspect Ratio	16:9
5.	Video Format	AVI, MP4, WMV & other standard formats.
6.	Audio Format	MP3, WMA ,AC3, MPEG
7.	Picture File Format	JPEG, JPG,JPE
8.	Connectivity	VGA,HDMI,USB, RGB in, RS232C, AV in, Audio out(3.5mm)
9.	Sound	Built-in Speaker (min. 2 Nos.)
10.	Image Flip	Vertical/Horizontal
11.	Panel	IPS Display
12.	Viewing Angle	178x178
13.	Power Consumption	60W approx.
14.	Stand-by Power Consumption	0.5W approx.
15.	Operating Temperature	0-40 degree C
16.	Standard Remote Controller	Yes
17.	Power Cable	Yes
18.	Other Accessories	Wall Mount kit/Table Stand kit, HDMI Cable, Quick Setup Guide, warranty card, power cord and Other accessories
19.	Wide Color Enhancer	Yes
20.	RoHS Compliant	Yes
21.	Environment	Energy Star Compliant
<b>C. Technical Specification for Fabricated Box with other necessary accessories:</b>		
1.	Basic Features	The Codec & all the VC Accessories should be accommodated in the Fabricated Box.
		The accessories for mounting the Camera should be provided.
		For terminating all cables, the fabricated box should have suitable terminating block or connections with proper locking arrangement.
		All the cables shall be clamped with suitable clamp to avoid the damage. The cable inlet points at fabricated box should be water proof and rodent proof by providing necessary sealing, etc.
		The Fabricated Box should have a mounting facility for mounting the Codec. It should have toughened glass door with necessary locking facilities.

**E. SECTION-V**  
**FORMS & SCHEDULES**

**BID FORM**

To,  
**Sr. General Manager (IT),**  
**Odisha Power Transmission Corporation Limited,**  
**3rd Floor, IT Department, OPTCL Main Building,**  
**Janpath, Bhoi Nagar, Bhubaneswar- 751 022**

**Ladies and/or Gentlemen,**

Having examined the bidding documents, including addenda nos..... (insert numbers), the receipt of which is hereby acknowledged, we, the undersigned, offer to supply and deliver the equipment, accessories & associated services under the contract ***“Implementation of Video Conferencing System at OERC, Energy Department (Odisha Secretariat), CESU, NESCO Utility, WESCO Utility, SOUTHCO Utility & Office of the E.I.C (07 locations)”*** in conformity with the said Bidding Documents and in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We undertake, if our bid is accepted, to deliver the goods in accordance with in the stipulated delivery period as mentioned in the bidding documents.

If our bid is accepted, we will obtain the guarantee of a bank in a sum equivalent to 10% (ten per cent) of the Contract Price for the due performance of the Contract, in the form prescribed by the Purchaser.

We agree to abide by this bid for a period of 180 days from the date fixed for bid opening, and it shall remain binding upon us and may be accepted by you at any time before the expiration of that period.

Until a formal contract is prepared and executed between us, this bid, together with your written acceptance thereof and your Notification of Award, shall constitute a binding Contract between us.

We undertake that, we are accepting all the clauses, terms and conditions mentioned in the tender documents. Also, we undertake not to sub-contract any of the work awarded in whole or in part.

We confirm that we will provide technical consultancy and guidance at no extra cost to OPTCL for proper configuration and performance.

We undertake to provide goods and services conforming to tenders specifications

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely “Prevention of Corruption Act 1988”.

We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this.....day of 20.....

Signature ..... in the capacity of

..... duly authorized to sign for and on behalf

of.....(IN BLOCK LETTERS)

**MANUFACTURER'S AUTHORISATION FORM**

(To be obtained from all OEMs on OEM's Letter Head)

Date: -----

Ref No.: -----

Invitation for Bid No.: -----

To: .....

WHEREAS ..... who are official manufacturers of ..... having factories at ..... do hereby authorize ..... to submit a Bid in relation to the Invitation for Bids indicated above, the purpose of which is to provide the following Goods, manufactured by us and to subsequently negotiate and sign the Contract.

We hereby confirm the following:

- Confirm that the products quoted are not “end of life or end of sale products” as on Bid Submission date. If in case the support for the product quoted has been stopped/ withdrawn till the time of delivery of equipment, the same will be changed with the superior product at no extra cost.
- Undertake that the support including spares, patches, and upgrades for the quoted products shall be available for the entire period of the Project.
- There shall not be any withdrawal of support on the quoted hardware/system software release on the devices or software quoted by the bidder for “Implementation of Video Conferencing System at OERC, Odisha Secretariat, CESU, NESCO Utility, WESCO Utility, SOUTHCO Utility & Office of the E.I.C (07 locations)” vide above NIT.

(Note: In case the support for future releases is not available as on bid submission date, such Hardware/software shall not be quoted.)

- In case, on the quoted Hardware, the support is withdrawn subsequently, the bidder shall replace the non-supported Hardware with a better hardware, at no additional cost.

Name.....

In the capacity of.....

Signed .....

Duly authorized to sign the Bid for and on behalf of.....

Date.....

**PRICE BID**

#	Name of the equipment	Country of Origin	Qty.	UOM	Unit Price in INR	GST (%)	IGST Amt. in INR	CGST Amt. in INR	SGST Amt. in INR	Total GST in INR	Unit Price including Total GST in INR	Total Price in INR
1	2	3	4	5	6	7	8	9	10	11 = 8 or (9+10)	12 = 6+11	13 = 12*4
<b>Schedule- A Items</b>												
1	Video Conferencing Equipment (Codec, Camera, Mic array, Recorder, other cables and accessories) & Multi-party license [including cost of installation, commissioning, integration, testing]		7	Set								
2	55" LED Display with all accessories [including cost of installation, commissioning, integration, testing]		7	Nos.								
3	Fabricated box with other accessories for mounting the VC Hardware		7	Nos.								
<b>Schedule- B Items</b>												
1	RAM (8GB) for HP Proliant DL320e Gen8 V2, Product Number: 726045-375 (Make-ZION)		6	Nos.								
2	42U Server Rack with PDU		2	Nos.								
	<b>Total Price</b>											
	<b>Total Price in Rupees</b>											

**Note:**

- In case of discrepancy between unit price and total price, the unit price shall prevail.

**DETAILS OF SERVICE & SUPPORT CENTER AT ODISHA FOR VIDEO CONFERENCING SYSTEM**

Sl. No.	Address	Phone no.	Fax No.	Status of Office Working Days and Hours	Number of Service Engineers	Whether minimum 10 % spare of the ordered quantity is available (Yes/ No)	List of Firms serviced in last two (2) years

Date: .....

Place: .....

(Signature) .....

(Name) .....

(Designation) .....

(Common Seal).....

N.B: To be signed and the scanned copy to be uploaded

**NO DEVIATION CERTIFICATE**

**To,  
Sr. General Manager (IT),  
Odisha Power Transmission Corporation Limited,  
3rd Floor, IT Department, OPTCL Main Building,  
Janpath, Bhoi Nagar, Bhubaneswar- 751 022**

Dear Sir,

We, the undersigned, hereby declare that while responding to your RFP Notice No. .... dated ....., our bid response DOES NOT DEVIATE from the Tender Document and their amendment/corrigendum issued till the date of bid submission except for non- material deviations as per the Format detailed in SECTION-II.(1).III.

Name:

In the capacity of:

Signed

Duly authorized to sign the Bid for and on behalf of

Date

N.B: To be signed and the scanned copy to be uploaded

**FORM OF CERTIFICATE OF ORIGIN AND ELIGIBILITY**

**Bidder's Name & Address**

I (We) hereby certify that the equipment and materials to be supplied are produced in ....., an Eligible Source Country.

I (We) hereby certify that our firm is registered in ....., an Eligible Source Country.

Date: ..... (Signature) .....

Place: ..... (Name) .....

(Designation) .....

(Common Seal).....

N.B: To be signed and the scanned copy to be uploaded

**GENERAL COMPLIANCE SCHEDULE**

#	Item	Vendor's Compliance	Deviation (if any)
1.	General Terms & Conditions	Agreed/Not agreed	
2.	EMD/ NSIC	Deposited/Not deposited	
3.	Latest Income Tax Clearance, PAN and GST Registration certificates.	Deposited/Not deposited	
4.	Bank Guarantee Clause	Agreed/Not agreed	
5.	Payment Terms	Agreed/Not agreed	
6.	Price Reduction Clause	Agreed/Not agreed	
7.	Price Validity	Agreed/Not agreed	
8.	Delivery & Installation Schedule	Agreed/Not agreed	
9.	Warranty (5 years) for Schedule-A Items as per Warranty Clause	Agreed/Not agreed	
10.	Service Centre at Odisha with sufficient spare stock and service engineers	Exist/Does not Exist	
11.	Training and Documentation	Agreed/Not agreed	
12.	Credentials with documentary support as per Eligibility Clause. (ISO certificate, Turnover, Profitability, Order copies as required)	Submitted/ Not submitted.	
13.	Procurement orders in India with supporting documents as specified in the tender	Submitted/ Not submitted.	
14.	Authorized manufacturer ship and System Integrator certificate	Submitted/ Not submitted	
15.	Original data sheets for all items	Submitted/Not submitted	
16.	Driver software, wherever applicable, to be supplied	Agreed/Not agreed.	
17.	A vendor must quote all the items	Agreed/Not agreed.	
18.	Technical viability of the project for all the Equipment offered by the bidder.	Submitted/ Not Submitted.	

**Signature with Date**

**Name in Block Letters**

**Seal of the Bidder**

**Note:** In case the bidder's confirmation is negative, specific comments are to be filled in the deviation column. If the space is insufficient, a separate sheet may be enclosed.



**PROFORMA OF BANK GUARANTEE FOR CONTRACT PERFORMANCE (CPBG)**

**(To be stamped in accordance with Stamp Act and the Non-Judicial stamp paper of appropriate value should be in the name of the Issuing Bank.)**

**Ref No:** .....

**Bank Guarantee No.** .....

**Date:** .....

**BG Amount:** .....

**Validity Period:** .....

This Guarantee Bond is executed this..... day of ..... by us the..... Bank at ..... , P.O..... , Dist....., State..... and Code No.....

Whereas the ODISHA POWER TRANSMISSION CORPORATION LIMITED, Janpath, Bhubaneswar, a company constituted under the Companies Act-1956 (hereinafter called OPTCL) has issued Letter of Award (LOA) No..... Dated..... for the purpose of ..... work under Package No..... (herein after called “the Agreement”) to M/s. / Sri. .... , Address..... (herein after called the “Contractor”) for supply, erection, installation & commissioning and associated civil works under the above LoA and whereas OPTCL has agreed (1) to exempt demand of security deposit under the terms and conditions of the LOA (2) to release payment of the cost of the Contract Price to the Contractor on furnishing by the Contractor to OPTCL a Contract Performance Bank Guarantee (CPBG) of the value of 10% of the Contract Price of the said Agreement.

1. Now therefore, in accordance with the terms and conditions of LOA No. \_\_\_\_\_ dated \_\_\_\_\_ for the due fulfillment by the said Contractor of the terms and conditions contained in the said agreement, on production of a Bank Guarantee for Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) only, we the bank \_\_\_\_\_ [Indicate bank Name , Address & Code ] (hereinafter referred to as “the Bank”) at the request of M/s. / Sri. \_\_\_\_\_ contractor do hereby undertake to pay to OPTCL, an amount not exceeding Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) only .
2. We, the \_\_\_\_\_ Bank [indicate the name of the Bank, Address & Code] do hereby undertake to pay the amounts due and payable under this guarantee without any demur, merely on a demand from OPTCL. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. \_\_\_\_\_ (Rupees----- in Words).

3. We, the ..... Bank also undertake to pay to OPTCL any money so demanded not withstanding any dispute or disputes raised by the Contractor in any suit or proceeding instituted / pending before any court or tribunal relating thereto, our liability under this present being absolute and irrevocable. The payment so made by us under this bond shall be a valid discharge of our liability for payment thereunder and the Contractor shall have no claim against us for making such payment.

4. We, the \_\_\_\_\_ Bank further agree that the guarantee herein contained shall remain in full force and effect during the aforesaid period of \_\_\_\_\_ days and it shall continue to be so enforceable till all the dues of OPTCL under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till OPTCL certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said contractor and accordingly discharges this guarantee.

Unless a demand or claim under this guarantee is made on us or our Branch Office at Bhubaneswar <Mention Name, Address & Code of the Branch Office at Bhubaneswar of issuing Bank> in writing on or before ..... (Date), we shall be discharged from all liability under this guarantee thereafter.

5. We, the \_\_\_\_\_ Bank [indicate the name of the Bank, Address & Code] further agree with the Board that OPTCL shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Bid or to extend time or performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by OPTCL against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said Bid and we shall not be relieved from our liability by reason of any such variation postponement or extension being granted to the said contractor(s) or for any forbearance, act or omission on the part of OPTCL or any indulgence by OPTCL to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have the effect of so relieving us.

6. This guarantee will not be discharged due to the change in the name, style or constitution of the Bank and/or of the contractor(s).

7. We, the \_\_\_\_\_ Bank [indicate the name of the bank, Address & Code] lastly undertake not to revoke this guarantee during its currency except with the previous consent of OPTCL in writing.

8. We, the \_\_\_\_\_ Bank (Name, Address & Code) further agree that this guarantee shall also be invocable at our place of business at **Bhubaneswar** (indicate Name, Address & Code of the Branch at Bhubaneswar) in the State of Odisha.

**“Notwithstanding anything contained herein”**

a) Our liability under the bank guarantee shall not exceed Rs. ----- (Rupees in words-----) only.

b) This Bank guarantee shall be valid up to -----.

c) We or our Branch at **Bhubaneswar**<Mention Name, Address & Code.....> shall be liable to pay guaranteed amount or any part thereof under this guarantee only if you serve upon us at----- Branch of Bhubaneswar a written claim or demand on or before .....,

The Bank Guarantee is issued in paper form and Advice transmitted through SFMS with required details to the beneficiary's advising bank (**ICICI Bank Bhubaneswar**, IFSC Code ICIC0000061).

Dated, the \_\_\_\_\_ Day of \_\_\_\_\_

For \_\_\_\_\_ [Indicate name of Bank]

Signature.....

Full Name.....

Designation.....

Power Of Attorney.....

Dated.....

Seal of the Bank.....

**WITNESS: (SIGNATURE WITH NAME AND ADDRESS)**

1. Signature.....

Full Name.....

2. Signature.....

Full Name.....

N.B.:

1. Name of the Contractor: .....

2. BG No & Date: .....

3. Amount (In Rs.): .....

4. Validity up to: .....

5. LOA No.....

6. Package No.....

7. Name, Address & Code of Issuing Bank: .....

8. Name, Address & Code of Bhubaneswar Branch of the Issuing Bank: .....

The Bank Guarantee shall be accepted after getting SFMS advice as per details below.

**Format for SFMS details**

**(The Unique Identifier for field 7037 is “OPTCL541405793”)**

<b>Sl. No</b>	<b>PARTICULARS</b>	<b>TYPE</b>	<b>DETAILS</b>
1	Type of Bank Guarantee	Mandatory	Contract Performance
2	Currency & Amount	Mandatory	
3	Validity Period(from—to --)	Mandatory	
4	Effective Date	Mandatory	
5	End date of lodgment of Claim	Mandatory	
6	Place of lodgment of claim	Mandatory	Bhubaneswar, Branch Name----- of Bhubaneswar Branch code----- of Bhubaneswar Branch Address ----- at Bhubaneswar
7	Issuing Branch IFSC Code	Mandatory	
8	Issuing Branch name & address	Mandatory	
9	Name of applicant and its details	Mandatory	
10	Name of Beneficiary and its details	Mandatory	
11	Beneficiary’s Bank/Branch and IFSC Code	Mandatory	ICICI Bank Ltd IFSC Code-ICIC0000061
12	Beneficiary’s Bank/Branch name and address	Mandatory	ICICI Bank Ltd Bhubaneswar Main Branch, Bhubaneswar
13	Sender to receiver information	Mandatory	
14	Purpose of Guarantee	Mandatory	Contract Performance
15	Reference/Description of the underlined tender/contract	Mandatory	LOA No----

Note:

- 1. Contractor shall furnish single CPBG for the contract (Supply, Erection, Installation & Commissioning and Associated Civil Works).**
- 2. Strikeout the portion which are not required.**
- 3. In case a Contractor is a Joint Venture/Consortium, The CPBG shall be submitted by the Lead Partner mentioning the Name & Address of the Lead Partner & Other Partner.**