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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

**e-Tender Document No.: TW-IT/OT/01/2021-22**  
**dated: 30.04.2021**

**For**

**“Supply, Installation & Maintenance support of Network  
Items for OPTCL-GRIDCO-SLDC Wide Area Network  
(OGS-WAN)”**

**Office of the Chief General Manager (IT)**  
**Odisha Power Transmission Corporation Limited**  
Floor/Room number: 3<sup>rd</sup> Floor, Corporate Building, OPTCL  
Street Address: Janpath, Bhubaneswar, Odisha.  
City: Bhubaneswar, State: Odisha, ZIP Code: 751 022  
Tel: 0674-2541801, Fax: 0674-2542964, Email: [cgm.it@optcl.co.in](mailto:cgm.it@optcl.co.in)  
Official website of OPTCL: <https://www.optcl.co.in>  
Official Tender portal of OPTCL: “[www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL)”



**e-Tender : Up gradation of OGS-WAN**

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**e-Tender Notice**

e-TENDER NOTICE No TW-IT/OT/01/2021-22

DATED: 30-04-2021

Office of Chief General Manager (IT), OPTCL, 3rd Floor, OPTCL TOWER, Janpath, Bhubaneswar on behalf of OPTCL invites bids in e-tender mode only from reputed eligible bidders for “Supply, Installation & Maintenance support of Network Items for OPTCL-GRIDCO-SLDC Wide Area Network (OGS-WAN)” with an estimated cost of Rs. 7,54,62,062.00/- (Rupees Seven Corer Fifty Four Lakh Sixty Two Thousand Sixty Two only) conforming to the terms and conditions mentioned in the tender document.

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 the tender portal, [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) or OPTCL’s website: [www.optcl.co.in](http://www.optcl.co.in) from 30-04-2021 (10.00 Hrs) up to 21-05-2021 (13.20 Hrs) for downloading the scope of supply and terms and conditions in detail. The due date & time of opening of techno-commercial bid shall be 15.30 Hrs on 24-05-2021.

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

The authority reserves the right to accept or reject any or all of the offers without assigning any reason thereof.

**Chief General Manager (IT)**

## CONTENTS OF TENDER

	<b>Chapter</b>	<b>Page</b>
SECTION - I:	General Information to Bidders	4
	Scope of Works	4
	Submission of Bids	8
	Bidding Schedule	10
	e-tender process guidelines	11
SECTION - II:	Instructions to Bidders	17
SECTION - III:	Eligibility Criteria	27
SECTION - IV:	SoR (Schedule of Requirement)	32
	Time Schedule	32
SECTION - V:	General Conditions of Contract (GCC)	33
SECTION - VI:	Bidding Forms	44-51
SECTION - VII:	Contract Agreement and Non-Disclosure Forms	52-55
	Proforma of Bank Guarantee for Contract Performance (CPBG)	56-59
	Annexure-I (Buyback List)	60
	Annexure-II (Location List)	61

## **SECTION- I**

### **GENERAL INFORMATION TO BIDDERS**

#### **1. SCOPE OF THE WORKS:**

The scope of work & services covers Supply, Installation & Maintenance support of Network Items under the project of OPTCL-GRIDCO-SLDC Wide Area Network (OGS-WAN) upgradation.

The list of obsolete items as per **annexure-I** should be buy back by the bidder on h1 basis, if required mutual negotiation thereafter.

#### **1.1. Installation Services**

- 1.1.1.** Connecting Single or Dual ISP link on router & switch port and configure the router as per the configuration shared by OPTCL or the firm can suggest the best practice on mutual agreed.
- 1.1.2.** Configuration of all the protocols required by the OPTCL or the firm can suggest the best practice on mutual agreed.
- 1.1.3.** The bidder shall be responsible for installation and commissioning and other related activities such as unpacking, uncarting, inspection etc.
- 1.1.4.** OPTCL will share the configuration of existing hardware for each location with bidder before initiating a request for the installation/replacement with new hardware.
- 1.1.5.** The bidder to coordinate with the Location wise Point of Contact (LPOC) at respective offices, the contact details of LPOC for each location will be shared by the central Single Point of Contact (SPOC) from OPTCL.
- 1.1.6.** During the installation the bidder shall check physical availability of items as per the packing list. If any of the items are not delivered/not as per the specification/ are damaged etc., the bidder or their engineers at the site shall take immediate steps and ensure all the items are delivered so that the installation is not hampered. The Bidder shall have to arrange all equipment's/tools required for installation.
- 1.1.7.** Installation report for hardware with Serial number and part number.
- 1.1.8.** Router & Switch has to be mounted with proper Clamps and mounting screws.
- 1.1.9.** Engineer has to inform and contact the Central office upon his arrival at branch and also has to take prior appointment from local branch to avoid multiple visits.
- 1.1.10.** In case of any equipment found to be faulty / damaged on arrival (DOA) at branches vendor has to report same to OPTCL on same day and arrange the replacement within the committed timelines.
- 1.1.11.** For configuring hardware vendor has to provide laptops and mobile phones for the onsite engineer with STD facility.
- 1.1.12.** Vendor is not allowed to remove or install any hardware from OPTCL site for configuration in case engineer is not having basic tools like console cable, laptop etc.
- 1.1.13.** Consolidated Project progress report to be provided once in a week in all project phases.

- 1.1.14. Bidder should provide a central Project manager, The Central project manager should be available for a review (at least once in 7 days) at OPTCL office or any schedule which is effective for the project.
- 1.1.15. In case the installation location changed after the delivery of hardware then OPTCL will provide the acceptance for the delivered hardware and OPTCL shift the hardware at new location and inform the bidder for the installation.
- 1.1.16. Vendor needs to deploy adequate manpower as per the plan share by OPTCL across any location PAN India.
- 1.1.17. Site readiness prerequisites will be submitted by the bidder before the delivery of hardware.

## 1.2. Network Services support

### 1.2.1. Warranty Support

- I. Hardware Support: Advance hardware replacement with next-business-day hardware delivery at customer site during the warranty/AMC period is as per the SLA:
  - a. For Central Location (Head quarter) hardware needs to be replaced within 4 hours of register of complaint.
  - b. Central Location (OPTCL Headquarter) within 50KM radius, hardware needs to be replaced within 24 hours.
  - c. Other than central location, hardware needs to be replaced within 48hours excluding holidays.
- II. Software Support: Software upgrades and updates during the warranty/AMC period.
- III. Resolution Time:
  - a. For Central Location (Head quarter) the complaints needs to be resolved within 4 hours of register of complaint.
  - b. For locations within 50KM radius the complaints needs to be resolved within 24 hours.
  - c. Other than central location, complaints needs to be resolved within 48hours excluding holidays.
- IV. The firm shall put sufficient emphasis on Network health, network reporting & real-time escalation as per clause Liquidated Damages.
- V. The firm shall provide a Helpdesk support for monitoring the complete network with the help of tools. Also provide a ticketing system for tracking the calls for calculating the uptime & downtime of the links by submitting monthly report.
- VI. The firm shall provide Incident & Inventory Management tool for tracking all the assets.
- VII. Defective parts will be replaced with good and standard quality spares by the vendor without any extra charges of any kind.
- VIII. The maintenance work includes preventive maintenance of all the Network Active materials once in every quarter and replacement of all active hardware/items necessary, for keeping the LAN nodes in perfect working order and condition at all the times during the period of project maintenance from any defects/disturbance or any unscheduled call for corrective and maintenance services, by taking appropriate steps on time to set right the full functioning of LAN nodes and switches, routers.

- IX. Any damage or loss caused to equipment/component due to negligence, mishandling shall be made good by contractor either by payment by cash at prevailing market price of the equipment/item or by replacing equipment/item of same make and specification.
- X. If any of the hardware reaches End of Service Life, as declared by OEM, the vendor has to replace the defective hardware with higher capacity/version hardware, and the vendor shall be responsible for successful functioning and integrated operation of the entire system after such replacement. Non-availability of spares / components shall not be the sufficient reason for non-performance of the system during the maintenance contract period.
- XI. Maintenance service charge shall include the cost of all supplies of spares, services, software support for the active network component and services and software support for passive network component.
- XII. The supplier will be required to maintain fully equipped technical support center at a convenient location with necessary spares in sufficient quantity, so that Service Engineers can reach the various locations along with required spares within SLA of reporting the call.
- XIII. Any variation in the quantity of the items mentioned at price schedule form not exceeding 10 % of the quantity mentioned against each item shall be covered under the project without any financial implication to OPTCL.

### **1.2.2. Facility Management Service (FMS) Support**

#### *I. Onsite Service Support:*

One Facility Management (FM) engineer (L2/L3 Level) shall be deputed to IT Dept. of OPTCL who shall look after the day to day activities in co-ordination with IT Dept. He shall be available in IT Department during the contract period with OPTCL. The detail scope of work is as follows:

- i. The FM Engineer shall provide normal service support during the office working hours, on all official working days of OPTCL. However, in case of an emergency / outbreak, over & above the normal service support, FM engineer's services shall be made available, as and when requested by OPTCL.
- ii. The FM Engineer deployed at OPTCL will respond to and sort out any Network incident at the earliest.
- iii. The FM engineer will manage the links in co-ordination with Bandwidth provider (PGCIL & Bharati Airtel). The FM Engineer shall ensure high uptime Performance i.e. 99.5% at Central Data Centre Bhubaneswar and all Zonal IT centers and 98% at all other locations.
- iv. The FM engineer shall look after the Network asset base management and its maintenance.
- v. Active coordination with Network Operation Centre (NOC) for any configuration change or any issue related to network equipment configuration.
  - Regular checking of dashboard status and ensure that all links are in place.
  - Ensure timely Disaster Recovery Network (DRN) testing and monitoring by NOC and taking action to make the backup links up.

- vi. The FM engineer shall have to back to back support/arguments with OEM only, for reliable and dependable maintenance services during the period of the contract.
- vii. The FM engineer shall be responsible to close/comply all the non-conformities found in Vulnerability and Penetration Testing of Network devices, during Information Security & Management System (ISMS) Audit and the advisories shared by CERT-In.
- viii. The FM engineer shall be responsible to maintain the Local Area Network and OPTCL own link i.e OPGW Link, Internet link provided by PGCIL & MPLS Link provided by M/s Bharti Airtel in co-ordination with PGCIL & Bharti Airtel officials for providing necessary service & spares backup for the Active Network Items listed in the Scope of work. Details of hardware and installation locations are given in **Annexure-II. (Location List)**.

**II. Passive Item Support:**

- i. The passive network components will be under maintenance i.e. the bidder shall be responsible for providing service and repairing. For all the passive network items it will be the responsibility of the service provider to identify and locate the fault. If the defective passive network components become non-repairable, it should be certified by the representative of the service provider and acceptable by Project Manager of IT OPTCL, then OPTCL will arrange to supply or purchase the material. The firm will provide necessary service (without any additional cost to OPTCL) to put the items so supplied by OPTCL in perfect working order and condition.
- ii. The passive items covered under the project are as follows:

<b>SL No</b>	<b>Components</b>	<b>UoM</b>	<b>Quantity</b>
1	Optical Fiber Cable (OFC)	Meter	13509
2	I/O ports	Nos.	1888
3	UTP Cable	Meter	25561

**1.2.3. Network Operation Center (NOC)/ Security Operation Center (SOC) Support**

- I. The bidder shall provide its own NOC/SOC service in a hybrid model to ensure smooth monitoring and management of network infrastructure.
- II. A skilled professional deployed by vendor will monitor the WAN/LAN infrastructure, incident on 24\*7\*365 basis from its established NOC/SOC located in India and provide alerts to the OPTCL for any event/incidents during the contract period.
- III. The bidder have to configure the commissioned network equipment and the NOC/SOC portal for Management and monitoring/SLA reporting. OPTCL will begin the quarterly payment for the equipment only after the deployment of the site on NOC/SOC portal.
- IV. The bidder should connect the OPTCL network to their NOC/SOC with suitable redundancy for monitoring and providing various NOC/SOC reports such as device/link uptime, link utilization, call/ticket monitoring, SLA Reporting etc., in order to monitor the SLAs at their cost.

**1.3. Acceptance and testing Criteria**

- i. After the completion of hardware installation, bidder will submit the scanned copy of installation report signed by LPOC on mail with the central SPOC of OPTCL for the acceptance.
- ii. The customer has to complete the testing/observation within 2 to 3 days of installation report submission and release the acceptance for each location by issuing an acceptance certificate from the LPOC.
- iii. OPTCL has to align a SPOC from NOC/SOC to check and test the connectivity immediately after the hardware installation completion.
- iv. 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.
- v. The Supplier shall maintain necessary log in respect of the results of the tests to establish to the entire satisfaction of the Purchaser. An average uptake efficiency of 100% for the duration of test period shall be considered as satisfactory. All Network Items, as decided by IT, OPTCL, shall be subjected to acceptance test procedures for drawing conclusions in this regard.
- vi. In the event of the network 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.
- vii. Successful conduct and conclusion of the acceptance tests for the installed equipment and configured services shall also be the sole responsibility and at the cost of the supplier.

**2. SUBMISSION OF BIDS:**

The bidder shall submit the bid in Electronic Mode only i.e. with tender website [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL). The bidder must ensure that the bids are received in the specified tender website of the OPTCL by the date and time indicated in the Tender notice.

Bids submitted by telex/telegram will not be accepted. No request to submit the Bids in physical form will be entertained by the OPTCL.

The OPTCL reserves the right to reject any bid, which is not submitted according to the instruction, stipulated.

1. The Bidder must possess Compatible Digital Signature Certificate (DSC) of Class-III.
2. Bidders are requested to follow the below steps for Registration on the tender website:
  - a. Click “Register”, fill the online registration form.
  - b. Pay the amount of Rs.2,360/- through DD in favor of KSEDC Ltd. Payable at Bangalore or online payment to the KSEDC Ltd. This registration is valid for two year.

## **e-Tender : Up gradation of OGS-WAN**

- c. Send the acknowledgment copy for verification.
  - d. As soon as the verification is done the e-tender user id will be enabled.
3. After viewing Tender Notification, if bidder intends to participate in tender, he has to use his e-tendering User Id and Password which would have been received after registration.
4. If any Bidder wants to participate in the tender he will have to follow the instructions given below:
- a) Insert the PKI (which consist of your Digital Signature Certificate) in your System.
    - i. (Note: Make sure that necessary software of PKI be installed in your system).
    - ii. Click / Double Click to open the Microsoft Internet Explorer.
    - iii. Type [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) in the address bar, to access the Login Screen.
    - iv. Enter e-tender User Id and Password, click on “Go”.
    - v. Click on “Click here to login” for selecting the Digital Signature Certificate.
    - vi. Select the Certificate and enter DSC Password.
    - vii. Re-enter the e-Procurement User Id Password.
5. To make a request for Tender Document, Bidders will have to follow below mentioned steps.
- Click “Un Applied” to view / apply for new tenders.
  - Click on Request icon for online request.
  - Enter the required fields including details of D.D for tender Processing fee.
6. After making the request, Bidders will receive the Bid Documents which can be checked and downloaded by following the below steps:
- Click to view the tender documents which are received by the user.
  - Tender document screen appears.
  - Click “Click here to download” to download the documents.
7. After completing all the formalities Bidders will have to submit the tender and they must take care of following instructions.
- Prior to submission, verify whether all the required documents have been attached and uploaded to the particular tender or not
  - Note down / take a print of bid control number once it is displayed on the screen
8. Competitors bid sheets will be available in the website.
9. For any e-tendering assistance, contact help desk number mentioned below.

Bangalore – **080- 40482000** or Mobile No. **9937140591**

**3. BIDDING SCHEDULE:**

a.	Type of Bidding	Two-part bidding
b.	Tender Documents	The bidders can view the tender documents from website <a href="http://www.optcl.co.in">www.optcl.co.in</a> / <a href="http://www.tenderwizard.com/OPTCL">www.tenderwizard.com/OPTCL</a> free of cost.
c.	Tender Cost	<b>₹13440.00/-</b> (non-refundable) including GST@12%.
d.	Mode of Payment of 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-j below.
e.	Tender Processing Fee	The bidders shall have to submit nonrefundable tender processing fee of <b>₹5900.00/-</b> (including GST@18%) in the form of online payment in favor of K.S.E.D.C.Ltd, Payable at Bangalore.
f.	Bid Security Declaration	The bidder shall have to submit “Bid Security Declaration” (form F-7) with a validity period of 180 days after the bid submission deadline date prescribed by OPTCL.
g.	Date of commencement of Sale of bidding document	30-04-2021, 10:00 Hrs
h.	Last date of sale of bidding documents	21-05-2021, 13.20 Hrs
i.	Last date of submission of bids	21-05-2021, 13.30 Hrs
j.	Date & Time of Pre-Bid Conference	07-05-2021, 15:30 Hrs
k.	Time of opening of Techno-commercial bids	24-05-2021, 15.30 Hrs
l.	Time of opening of Price bids	Will be Intimated Later
m.	Place of Opening of Bids	Office of Chief General Manager (IT), 3 <sup>rd</sup> Floor, OPTCL Tower, OPTCL, Janpath, Bhubaneswar – 751022
n.	Address for communication	Office of Chief General Manager (IT), 3 <sup>rd</sup> Floor, OPTCL Tower, OPTCL, Janpath, Bhubaneswar – 751022

\*Tender papers shall be available free of cost 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. The same shall only be allowed on production of documentary evidence.

**4. e-TENDERING PROCESS GUIDELINES:**

4.1 UNDERSTANDING OF e-BID DOCUMENTS:

A prospective Bidder is expected to examine all instructions, forms, terms and specifications in the e-Bid documents and fully inform himself as to all the conditions and matters which may in any way affect the scope of work or the cost thereof. Failure to furnish all information or uploading of the bid in the Tender Portal of OPTCL not in line with the e-Bid document/ e-tendering documents will render the bidder as substantially not responsive at the Bidder's risk and may result in the rejection of its bid.

4.2 CONTENTS OF e-BIDDING DOCUMENT:

The e-Bidding Document is a compilation of the following sections:

1. Tender Notification
2. Bid Documents (Free View):
  - Section-I: General Information to Bidders
  - Section-II: Instruction to bidder (ITB)
  - Section-III: Eligibility Criteria
  - Section-IV: SOR (Schedule of Requirement) & Time Schedule
  - Section-V: General Conditions of Contract (GCC)
  - Section-VI: Bidding Forms
  - Section-VII: Contract Forms
3. Bid Forms (In .XLS Format):
  - Techno-commercial Formats.
  - Financial Proposal Formats.

4.3 FORMS/DOCUMENTS TO BE UPLOADED:

The Bidder shall furnish/upload, as the case may be, documents/ Schedules in support of the qualifying requirement along with the bid (Techno-Commercial Bid: Part-I & Price Bid: Part-II):

4.3.1. *Techno-Commercial Bid (Part-I):*

(A) Hard Form of Documents (In Original):

The following documents shall be furnished in original before the Tender Accepting Authority on or before the date and time of submission of the Tender.

- DD towards Tender Cost and DD towards Tender Processing Fees/ Documentary proof of payment of Tender Processing Fees through e-payment mode.
- Power of Attorney (Authorized Signatory) notarized copy for signing the bid document.

(B) Soft Form of Documents (Scanned Copy to be uploaded in .pdf file in the Tender Portal):

Following are the Soft form of scanned documents in .pdf file to be uploaded on the Official Tender Portal of OPTCL "www.tenderwizard.com / OPTCL" as an attachment in .pdf.

**e-Tender : Up gradation of OGS-WAN**

<b>Sl.No.</b>	<b>Particulars</b>	<b>Attachment .pdf</b>
01	*DD towards Tender Cost and DD towards Tender Processing Fees/ Documentary proof of payment of Tender Processing Fees through e-payment mode. Exemption if any towards Tender cost shall be supported with documentary evidence.	Attach 1.pdf
02	Power of Attorney (Authorized Signatory) notarized copy for signing the bid document.	Attach 2.pdf
03	Form F-1: Tender Submission Sheet.	Attach 3.pdf
04	Form F-2: Service base details in Bhubaneswar	Attach 4.Pdf
05	(A) The Bidder should have experience of implementing / managing with minimum one (1) wide area networking project order value worth min INR 4 Crore in India in the last five (05) years.	Attach 5.pdf
	(B) The bidder should have executed orders for commissioning/maintaining of similar projects for one Govt. /PSU organization with a minimum of 100 WAN Nodes OR the bidder should have executed 3 orders for commissioning of Similar projects for any organization with cumulative 250 WAN node in last five (05) years.	
	(C) One order copy against NOC/SOC Service Support in last five (05) years.	
06	Form F-3: Supporting documentary evidence of the above Experience such as Work Order/Contract Agreement and Client Citation / Confirmation for work done.	Attach 6.pdf
07	Project Completion Certificate from the authorized client.	Attach 7.pdf
08	Form F-4: Duly filled Companies Financial Information as per the Format	Attach 8.pdf
09	Form F-5: Techno-Commercial Deviation Schedule as per the Format	Attach 9.pdf
10	Supporting documentary evidence of the Companies Financial Information furnished above.	Attach 10.pdf
11	Certified copy of Registration Certificate/ Certificate of Incorporation of the bidder.	Attach 11.pdf
12	Certified copy of evidence of service base in Bhubaneswar	Attach 12.pdf
13	Certified copy of GSTIN and PAN.	Attach 13.pdf
14	Form F-6: Acceptance of Importance Terms & Condition	Attach 14.pdf
15	Form (P-1): Price Proposal	Attach 15.pdf
16	Declaration of Certified OEM trained engineer	Attach 16.pdf
17	Valid ISO 9001:2015 & ISO 27001 Certificates	Attach 17.pdf
18	Valid Gartner's leader certificate of OEM	Attach 18.pdf
19	Manufacturer's tender specific authorizations for all hardware to Bidder	Attach 19.pdf
20	Relevant documentary evidences like Authorization letters [MAF from OEM]	Attach 20.pdf
21	A Self Certified letter by an authorized signatory mentioning the list of service/maintenance of 300 professionals	Attach 21.pdf
22	Relevant Documents supporting NOC/SOC and quoted OEM TAC addresses	Attach 22.pdf

23	All the documentary proof of applicable standards and bench marks of all the Network Items as per the techno-commercial bid	Attach 23.pdf
24	Form F-7: Bid Security Declaration	Attach 24.pdf
25	Form F-8: Reverse Auction Process Compliance Form	Attach 25.pdf
26	Any Other Documents	Attach 26.pdf

#### 4.3.2. Price Bid (Part-II):

Price schedules in XLS format to be downloaded, filled in and uploaded by the Bidder as per the OWNER format and to be uploaded on the official tender portal of the OWNER: [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL).

#### 4.4. e-TENDERING PROCESS GUIDELINES:

##### 4.4.1 e-Tendering information:

1. Tender Forms can be downloaded from the e-Tendering Portal of OWNER, [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) after entering the details of payment towards Tender processing Fees as per the Tender Schedule.
2. Tenderers should have valid Class-III Digital Signature Certificate (DSC) obtained from any Certifying Authorities. In respect of requirement of DSC, interested Bidders should go to “[tender wizard.com/OPTCL](http://tender.wizard.com/OPTCL)” and follow the procedure mentioned in the document 'Procedure for application of Digital Certificate'.
3. The prospective bidders are advised to register their user ID, Password, company ID with website “[www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL)” by clicking on hyper link “Register Me” for the use of Electronic Tendering.
4. For any assistance on the use of Electronic Tendering System, contact help desk number: 080-40482000(Bengaluru) or mobile no: 9937140591.
5. Tenderers should install the 'Mandatory System Requirement' available on the Home Page of [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) under the section 'Mandatory System Requirement' and make the necessary Browser Settings provided under section 'Internet Explorer Settings'.

##### 4.4.2 Enrolment of Bidder(s) on Electronic Tendering System:

The Bidder interested in participating in the Tenders of OPTCL using the Electronic Tendering System shall be required to enroll on the Electronic Tendering System to obtain User ID. After submission of application for enrolment on the System, the application information shall be verified by the Authorized Representative of the Service Provider. If the information is found to be complete, the enrolment submitted by the Bidder shall be approved.

##### 4.4.3 Short listing of Bidder(s) for Price Bid Opening:

The Tendering Authority will first open the Techno-Commercial Bid documents of all Bidder(s) and after scrutinizing these documents will shortlist the Bidder(s) who are eligible for Financial Bidding Process. Such shortlisted Bidder(s) will be intimated by email.

##### 4.4.4 Opening of the Price Bids:

The Bidder(s) may remain present in the Office of the Tender Opening Authority at the time of opening of Price Bids. However, the results of the Price

Bids of all Bidder(s) shall be available on the OPTCL's e-Tendering Portal immediately after the completion of opening process.

4.5. STRATEGY FOR Electronic -REVERSE AUCTION (e-RA)

- 4.5.1. Bidders are required to go through the guide lines given below and submit their acceptance to the same.
- 4.5.2. e-Reverse Auction (RA) will be conducted in e-tender portal of OPTCL on specified date and time, while bidders shall quote from their own offices/places of their choice. Internet connectivity shall be ensured by the respective agencies/bidders themselves.
- 4.5.3. Demonstration/ training (if not trained earlier) of bidder's nominated person(s), shall be done to explain all the rules related to e-Reverse Auction/ Business Rule document to be adopted.
- 4.5.4. The strategy to be used for reverse auction shall be "DYNAMIC TEMPLATE BIDDING"

4.6. Procedure for Electronic Reverse Auctioning (e-RA):

- 4.6.1. Bidder has to submit letter towards agreement to the Process related Terms & Conditions for e-Reverse Auction, as per (Reverse Auction Process Compliance Form F-8). In case of non-receipt of the same, vendors will not be allowed to participate in e-RA.
- 4.6.2. e-RA shall be carried out after opening of Price bids and completion of Price bid evaluation, which will be intimated only to the techno-commercially qualified bidders by OPTCL as per procedure given above.
- 4.6.3. OPTCL reserves the right to conduct e-RA and it is obligatory on part of bidder(s) invited to participate in e-RA process once they have responded to the techno-commercial bid.
- 4.6.4. Prior intimation/ Notice for RA invitation will be given to techno-commercially qualified bidders regarding the date & time of opening of the e-RA.
  - A. The start bid price (SBP) for e-Reverse Auction of each bidder under a particular package shall be the L1 evaluated price for the subject package including Taxes & Duties for the total scope for subject Package. Taking the above discovered L1 price as the upper limit e-RA will be conducted to determine the lowest possible price.
  - B. Reverse Auction will be conducted amongst first 50% of the technically qualified bidders arranged in order of prices from lowest to highest, as L1, L2, L3-----Ln, and L1 price will be discovered. Minimum of 3 bidders shall be eligible for e RA. (eg. If 4 bidders are financially evaluated then the L1, L2 and L3 bidders shall be eligible for e-RA). Number of bidders eligible for participating in RA would be rounded off to next higher integer value if number of technically qualified bidders is odd (e.g. if 7 bids are technically qualified, then RA will be conducted amongst L1 to L4).
  - C. However, in case only two bidders are found to be responsive, e-RA would be carried out with both the parties without any elimination. However, OPTCL reserves the right to invite the evaluated L1 bidder for negotiation without conducting the e-RA.
  - D. In case of price submitted by any bidder is found to be abnormal, OPTCL reserves the right to reject the bid of the bidder(s).
  - E. Rank of bidders would be displayed as per the total cost to OPTCL, i.e including Taxes and Duties payable by OPTCL as per the provisions of the bidding document & after e-RA process is over.

- 4.6.5. Names of bidders/ vendors shall not be disclosed during the e-RA process. Names of bidders/ vendors shall be anonymously masked in the e-RA process.
- (i) In case of RA, start/ reference price and step value of decrement shall be indicated to the bidders at the start of the auction. Any participating bidder can bid one or multiple step decrement lower than the prevailing lowest bid at that time. The Bidder shall be able to view Bid Start Price, Bid Decrement Value, Prevailing Lowest Bid value, last Bid Placed by him and time left for bidding.
  - (ii) The step value of decrement in a package to be offered by bidder (the minimum amount of reduction in the total bid price including all taxes & duties during auction) , shall be kept at 0.15% of L1 bidder's final evaluated price (or) at approved amount as decided by OPTCL.
  - (iii) Bidders can only quote any value lower than their previous quoted price. However, at no stage, increase in Price will be permissible.
  - (iv) At any point during Reverse Auction, bidding Price field (Total price) shall remain enabled for the bidders. The total reverse auction period will be for one twenty (120) minutes. The initial auction period (1st slot) will be of thirty (30) minutes with provision of auto extension by (10) ten minutes from the schedule/ extended closing time, if any fresh lower bid is received in last ten minutes of initial auction period or extended auction period. Total/ maximum number of auto extension will be for 9 (nine) times after the 1st slot. After end of 120 minutes, the reverse auction process shall get closed automatically without any extension.
  - (v) However, bidders are advised not to wait till the last minute or last few seconds to enter their bid during the period of e-reverse auction to avoid complication related with internet connectivity, network problem, system crash down, power failure etc.
- 4.6.6. After conclusion of e-Reverse Auction i.e (Closing Price in Reverse Auction will be taken as offered price by the L1 bidder), decrease in price of individual head of the template shall be considered proportionately on all individual line items of the respective head of the price schedule of the successful L1 bidder .
- (i) Any bid received at the tender wizard server end subsequent to closure of the e-RA shall be summarily rejected and shall not be considered as a valid bid under whatsoever circumstances. For this purpose, tender wizard server log shall prevail.
  - (ii) The bidder shall not involve himself or any of his representatives in price manipulation of any kind directly or indirectly by communicating with other bidders.
  - (iii) During Reverse Auction, If no bid is received within the specified time, OPTCL, at its discretion, may decide to close the reverse auction process/ proceed with conventional mode of tendering [ Evaluation of Part-II (price bid) submitted by bidders earlier].
- 4.6.7. Consequent upon completion of e-Reverse Auction, OPTCL's decision on award of contract shall be final and binding on the bidders.
- 4.6.8. OPTCL shall be at liberty to call the L1 bidder for further process/ negotiation and also at liberty to cancel the e-reverse auction process/ re-tender at any

time, without assigning any reason thereof. OPTCL can decide to reschedule or cancel any reverse auction: the bidders shall be informed accordingly.

4.6.9. OPTCL/ Service Provider shall not have any liability to bidders for any interruption or delay in access to the e-Tender site/ Reverse Auction link irrespective of the cause.

4.7. DISCLAIMER:

4.7.1. This Document includes statements, schedules, and forms under the category viz; Tender Notification, Bid Documents (Free view) and Bid Forms (In XLS Formats) uploaded in the e-tendering portal of the OPTCL, which reflect various assumptions, which may or may not be correct. Each Bidder should conduct its own estimation and analysis and should check the accuracy, reliability and completeness of the information in this Document and obtain independent advice from appropriate sources in their own interest.

4.7.2. Neither OPTCL nor its employees will have any liability whatsoever to any Bidder or any other person under the Cyber law or Law of contract, the principles of restitution or unjust enrichment or otherwise for any loss, expense or damage whatsoever which may arise from or be incurred or suffered in connection with anything contained in this Document, any matter deemed to form part of this Document, provision of Services and any other information supplied by or on behalf of Owner or its employees, or otherwise arising in any way from the selection process for the contract provision of Services for the Project.

4.7.3. Though adequate care has been taken while uploading the Bid document in the e-tender portal of the OPTCL, the Bidder should satisfy himself that documents are complete in all respects and duly up-loaded in the e-tendering portal of the OPTCL. Intimation of any discrepancy/ doubt shall be addressed in the pre-bid conference only.

4.7.4. Detailed Time Table for the various activities to be performed in e-tendering process by the Bidder for quoting their offer is given in this Tender Document under Bidding Schedule", Bidder should carefully note down the cut-off dates for carrying out each e-tendering process / activity.

4.7.5. Every effort is being made to keep the Tender Portal up to date and running smoothly 24 x 7 by the OPTCL and the Service Provider. However OPTCL/Service Provider takes no responsibility, and will not be liable for, the Tender Portal being temporarily unavailable due to any technical issue at any point of time.

4.7.6. In that event OPTCL will not be liable or responsible for any damages or expenses arising from any difficulty, error, imperfection or inaccuracy with this Tender Portal.

4.7.7. Bidders must follow the time table of e-tendering process and get their activities of e-tendering processes done well in advance so as to avoid any inconvenience due to unforeseen technical problem if any.

4.7.8. OPTCL will not be responsible for any incomplete activity of e-tendering process of the Bidder due to technical error/ failure of Tender Portal and it cannot be challenged by way of appeal, arbitration and in the Court of Law.

**SECTION-II**

**INSTRUCTIONS TO BIDDERS (ITB)**

<b>A. General:</b>			
1.	Scope of the Bid	1.1	For scope of Bid please refer to <b>Section-I</b> .
2.	Eligible Bidders	2.1	The bidders in order to be eligible should meet the eligibility criteria mentioned under <b>Section III</b> .
3.	Site Visit	3.1	The bidder, at the bidder's own responsibility, cost and risk, is encouraged to visit and examine the site of works and its surroundings and obtain all information that may be necessary for preparing the bid and entering into a contract for execution of the works. The costs of visiting the site shall be at the bidder's own expense.
		3.2	It shall be deemed that the bidder has visited the site/area and got fully acquainted with the working conditions and other prevalent conditions and fluctuations thereto whether he actually visits the site/area or not and has taken all the factors into account while quoting his rates.
4.	Documentary Evidence	4.1	The Bidder shall furnish/upload, as the case may be, documents/ Schedules in support of the qualifying requirement along with the bid (Techno-Commercial Bid: Part-I & Price Bid: Part-II) in the manner prescribed under <b>Section-I</b> .
		4.2	Non-compliance to the above requirement even after seeking necessary clarifications shall constitute the offer as non-responsive.
<b>B. Contents of Bidding Document</b>			
5.	Sections of the Bidding Document	5.1	The e-Bidding Document is a compilation of the following sections:  1. Tender Notification : 2. Bid Documents (Free View): Section-I: General Information to Bidders Section-II: Instruction to bidder (ITB) Section-III: Eligibility Criteria Section-IV: SOR, & Time Schedule Section-V: General Conditions of Contract (GCC) Section-VI: Bidding Forms Section-VII: Contract Forms 3. Bid Forms (In .XLS Format): • Techno Commercial Proposal Formats • Financial Proposal Formats.
		5.2	Odisha Power Transmission Corporation Limited is not responsible for the completeness of the Bidding Document and its addenda, if they were not downloaded directly from the tender portal of OPTCL.
		5.3	The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding

			Document. Failure to furnish all information or documentation required by the Bidding Document may result in the rejection of the Bid.
6.	Clarifications on Bidding Document	6.1	Bidders may seek clarifications in writing relating to preparation and submission of bids, scope of works, GCC etc. prior to the pre-bid conference. Such requests will be submitted at least 2 days (excluding the date of pre-bid meeting) before the date of Pre-bid meeting. Bidders' queries will be discussed in the pre-bid conference. The clarifications to the queries and/or addenda to the TENDER document shall be published in the website of OPTCL i.e. <a href="http://www.optcl.co.in">http://www.optcl.co.in</a> or tender portal i.e. <a href="http://www.tenderwizard.com/OPTCL">www.tenderwizard.com/OPTCL</a> .
		6.2	The pre-bid conference shall be held as per the schedule mentioned in the <b>Section-I</b> .
		6.3	No clarification shall be entertained after the pre-bid conference.
7.	Amendment of Bidding Document	7.1	At any time prior to the deadline for submission of the bids, OPTCL may amend the bidding document by giving reasonable time and issuing addenda.
		7.2	Any addenda issued shall be part of the bidding document. The bidder shall visit OPTCL's website or tender Portal for any addendum / modification / errata / corrigendum etc.
		7.3	OPTCL, at its discretion for any reason at its own initiative may add, modify or remove any element of the services entirely or any part thereof from the bid document till the time of deadline for submission of bid. All bidders will be notified of any such change.
		7.4	In order to provide prospective bidders reasonable time to take the amendments into account in preparing their bids, OPTCL may, at its discretion, extend the last date for the submission of bids.
		7.5	Any addendum issued shall be part of the bidding document and shall be hosted in OPTCL's website/tender portal.
<b>C. Preparation of Bids</b>			
8.	Cost of Bid preparation	8.1	The Bidder shall bear all costs associated with the preparation and Cost of submission of its Bid and OPTCL shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
		8.2	A demand draft amounting to Rupees <b>₹13440.00/-</b> only inclusive of GST@12% in favor of "Odisha Power Transmission Corporation Limited" payable at "Bhubaneswar" for the cost of tender documents. *Note: Exemption towards Tender Cost, if any shall only be allowed to eligible bidder against submission of documentary evidence.
9.	Language of Bids	9.1	The Bid, as well as all correspondences and documents relating to the Bid exchanged

**e-Tender : Up gradation of OGS-WAN**

			between the Bidder and OPTCL, shall be written in English.
10.	Documents comprising Bid	10.1	The Bid shall comprise of two parts. One containing the <b>Techno-Commercial Bid</b> (Part-I) and the other containing the <b>Price Bid</b> (Part-II), which shall be evaluated in two stages.
		10.2	The Techno-Commercial Bid (Part-I) should be submitted in the following manner;  (A)Hard Form of Documents ( In Original):  The following documents shall be furnished in original before the Tender Accepting Authority on or before the date and time of submission of the Tender.  (i) DD towards Tender Cost, DD/Pay Order/Banker Cheque towards Tender Processing Fees/ Documentary proof of payment of Tender Processing Fees through e-payment mode. (ii) Bid Security Declaration Form (iii) Power of Attorney /notarized copy for signing the bid document.
		10.3	Price schedules (Part-II) in XLS format to be downloaded, filled in and uploaded by the Bidder as per the OWNER format and to be uploaded on the official tender portal of the OWNER; <a href="http://www.tenderwizard.com/OPTCL">www.tenderwizard.com/OPTCL</a> .
11.	Bid Submission Sheets and Price Schedules	11.1	The Bidder shall submit the Techno-Commercial Proposal and the Price Proposal as per the process mentioned in Section- I.
		11.2	The Bidders should take note of following points while submitting the Price Proposal:  a) Price Proposal should clearly indicate the price to be charged without any qualifications. b) Taxes and Duties as applicable shall be shown in the Un-priced schedule.
12.	Alternate Bids	12.1	Alternate Techno-Commercial and /or Price bids shall be rejected.
13.	Bid Prices	13.1	The prices quoted by the Bidder in the Price Schedules (Price Bid_Format) in .xls shall conform to the requirements specified therein.
		13.2	The bidders are advised not to indicate any separate discount. Discount, if any, should be merged with the quoted prices. Discount of any type, indicated separately, will not be taken into account for evaluation purpose. However, in the event of such an offer if it is found to be the lowest without considering the separate discount, OPTCL shall avail such discount at the time of award of contract provided such discount is unconditional.

**e-Tender : Up gradation of OGS-WAN**

14.	Currencies for the Bid	14.1	Bidders shall express their bid price in Indian Rupees only.
15.	Documents Establishing the Qualification of the Bidder	15.1	To establish its qualifications to perform the Contract without any deviation, the Bidder shall submit as part of its Techno-commercial proposal, the evidence towards each qualification criteria specified in Section-III (Eligibility Criteria).
16.	Period of validity of Bids	16.1	Bids shall remain valid for <b>180 days</b> after the bid submission deadline date prescribed by OPTCL. A Bid valid for a shorter period shall be rejected by OPTCL as non-responsive.
		16.2	In exceptional circumstances, prior to the expiration of the bid validity period, OPTCL may request Bidders to extend the period of validity of their Bids. The request and the responses shall be made in writing. A Bidder may refuse the request for such extension without forfeiting its Bid Security. A Bidder granting the request shall not be permitted to modify its Bid.
17.	Bid Security Declaration	17.1	The Bidder shall submit a “Bid Security Declaration” as per Form-7 with a validity of 180 days after the bid submission deadline date prescribed by OPTCL.
		17.2	Any Bid not accompanied by Bid Security in accordance with ITB <b>Sub- Clause-17.1</b> , shall be rejected by Odisha Power Transmission Corporation Limited as non-responsive.
		17.3	If the bidder withdraw or modify their bids during the validity period, they will be suspended for a period of 6 years.
18.	Format of Bid	18.1	The Bidder shall submit the Techno-Commercial Proposal as per the formats/schedules mentioned in <b>Section-I</b> .
<b>Submission and Opening of Bids</b>			
19.	Submission of Bids	19.1	Bidder shall submit the Techno-Commercial Proposal and Price proposal through e-tender mode only, as per the guidelines mentioned in the <b>Section-I</b> of this Tender.
20.	Deadline for submission of Bids	20.1	Bids must be received by Odisha Power Transmission Corporation Limited not later than the date and time and extension thereto indicated in the <b>Section-I</b> .
		20.2	Odisha Power Transmission Corporation Limited may, at its discretion, extend the deadline for the submission of Bids by amending the Bidding Document in accordance with <b>ITB Clause-7</b> , in which case all rights and obligation of Odisha Power Transmission Corporation Limited and Bidders as existing before extension of the deadline will be applicable until the extended deadline.
21.	Late Bids	21.1	Odisha Power Transmission Corporation Limited shall not consider any Bid that is

			received/uploaded after the deadline for submission of Bids, in accordance with <b>ITB Clause-20</b> . Any Bid received/uploaded by Odisha Power Transmission Corporation Limited after the deadline for submission of Bids shall be declared late and rejected.
22.	Withdrawal, Substitution and Modification of Bids	22.1	No Bid shall be withdrawn, substituted, or modified after the deadline for submission of bids. However, a Bidder may withdraw, substitute, or modify its Bid under the following situation; <ol style="list-style-type: none"> <li>1. After expiry of the bid validity period as per ITB.</li> <li>2. Any material changes to the scope of work after submission of bid document.</li> <li>3. Any material changes in the bidding documents after submission of bid document.</li> <li>4. If the due date of the submission has been extended by the OPTCL after submission of bid document.</li> </ol>
23.	Bid opening	23.1	Odisha Power Transmission Corporation Limited shall conduct the opening of Techno-Commercial Proposals in the presence of Bidders' representatives who choose to attend, at the address, date and time specified in the <b>Section-I</b> .
		23.2	The Price Proposals will remain unopened until the time of opening of the Price Proposals. Odisha Power Transmission Corporation Limited shall advise the Techno-Commercially qualified bidders through system generated e-mail about the date, time, and location of the opening of Price Proposals.
		23.3	Odisha Power Transmission Corporation Limited shall conduct the opening of Price Proposals of all Techno-Commercially qualified bidders who submitted Price Proposals, in the presence of Bidder's representatives who choose to attend at the address, date and time specified by Odisha Power Transmission Corporation Limited. The Bidder's representatives who are present shall be requested to sign a register/note-sheet evidencing their attendance.
<b>Evaluation and Comparison of Bids</b>			
24.	Confidentiality	24.1	Information relating to the examination, evaluation, comparison and qualification of Bids, and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with such process.
		24.2	Any attempt by a Bidder to influence Odisha Power Transmission Corporation Limited in the examination, evaluation, comparison, and

**e-Tender : Up gradation of OGS-WAN**

			qualification of the Bids or Contract award decisions may result in the rejection of its Bid.
		24.3	Notwithstanding <b>ITB Sub-Clause -24.2</b> , from the time of opening the Techno-Commercial Proposals to the time of Contract award, if any Bidder wishes to contact Odisha Power Transmission Corporation Limited on any matter related to the bidding process, it should do so in writing.
25.	Clarification of Bids	25.1	To assist in the examination, evaluation, comparison and qualification of the Bids, Odisha Power Transmission Corporation Limited may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder that is not in response to a request by Odisha Power Transmission Corporation Limited shall not be considered. Odisha Power Transmission Corporation Limited's request for clarification and the response shall be in writing.
26.	Responsiveness of Techno-Commercial Proposals	26.1	Odisha Power Transmission Corporation Limited's determination of the responsiveness of a Techno-Commercial Proposal is to be based on the contents of the Techno-Commercial Proposal itself.  The bidders are requested to study the specification thoroughly before tendering so that if they make any deviations, the same are prominently brought on a separate sheet under the headings "Deviations" as per formats. All such deviations to the technical & commercial terms of the specification shall be indicated in a separate list as indicated above. In absence of such deviation schedule, it will be presumed that the bidder has accepted all the conditions stipulated in the tender specification, notwithstanding any deviations mentioned elsewhere in the Bid. However the acceptance of deviation is not binding on the OPTCL.
		26.2	A substantially responsive Techno-Commercial Proposal is one that conforms to all the terms, conditions, and specifications of the Bidding Document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:  a) affects in any substantial way the scope, quality, or performance of the Services specified in the Contract; or b) limits or is inconsistent in any substantial way, with the Bidding Document, Odisha Power Transmission Corporation Limited's rights or the Bidder's obligations under the Contract; or

**e-Tender : Up gradation of OGS-WAN**

			c) if not rectified would unfairly affect the competitive position of other Bidders presenting substantially responsive Techno-Commercial Proposals
		26.3	If a Techno-Commercial Proposal is not substantially responsive to the Bidding Document, it shall be rejected by Odisha Power Transmission Corporation Limited and shall not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.
		26.4	The bidders may submit bid with Non-material deviations (which means only those deviations that do not qualify as material deviations as defined in <b>(Clause-26.2)</b> ). Such deviations will be checked and considered. If the deviations proposed are found material in nature, Odisha Power Transmission Corporation Limited reserves the right to reject such bids. Odisha Power Transmission Corporation Limited may also ask bidders for clarifications on such deviations during the evaluation.
27.	Non-conformities, errors and omissions	27.1	Provided that a Techno-Commercial Proposal is substantially responsive, Odisha Power Transmission Corporation Limited may waive any non-conformity or omission in the Bid that does not constitute a material deviation.
		27.2	Provided that a Techno-Commercial Proposal is substantially responsive, Odisha Power Transmission Corporation Limited may request the Bidder to submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the Techno-Commercial Proposal. Failure of the Bidder to comply with the request may result in the rejection of its Bid.
		27.3	Provided that the Techno-Commercial Proposal is substantially responsive, Odisha Power Transmission Corporation Limited will correct arithmetical errors during evaluation of Price Proposals on the following basis:  a) if there is a discrepancy between words and figures, the amount in words shall prevail. However, where the amount expressed in words is related to an arithmetic error, the amount in figures shall prevail. b) Except as provided in sub-clauses (a) herein above, Odisha Power Transmission Corporation Limited shall reject the Price Proposal if the same is not furnished in the Format (.xls) specified.
28.		28.1	Odisha Power Transmission Corporation Limited shall examine the Techno-Commercial Proposal to confirm that all documents requested in the ITB

**e-Tender : Up gradation of OGS-WAN**

	Examination of Bids		have been provided to determine the completeness of the offer submitted.
		28.2	Odisha Power Transmission Corporation Limited shall confirm that the Techno-Commercial Proposal Submission Sheet in accordance with <b>ITB Sub- Clause-11.1</b> , written confirmation of authorization to commit the Bidder and Bid Security, have been provided in the Techno-Commercial Proposal. If any of these documents or information is missing, the offer shall be rejected.
29.	Examination of Terms and conditions; Techno-Commercial Evaluation.	29.1	Odisha Power Transmission Corporation Limited shall examine the Bids to confirm that all terms and conditions specified in the GCC have been accepted by the Bidder without any material deviation or reservation.
		29.2	Odisha Power Transmission Corporation Limited shall evaluate the Techno-Commercial aspects of the Bid submitted to confirm that all requirements specified in the <b>Qualifying requirement at Section-III</b> , of the Bidding Document have been met without any material deviation or reservation.
		29.3	If, after the examination of the terms and conditions and the Techno-Commercial evaluation, Odisha Power Transmission Corporation Limited determines that the Techno-Commercial Proposal is not substantially responsive in accordance with <b>ITB Clause-25</b> , it shall reject the Bid.
30.	Evaluation of Bids	30.1	OPTCL shall evaluate Price Proposals of those Bids have been determined to be Techno-Commercially responsive.
		30.2	To evaluate a Price Proposal, Odisha Power Transmission Corporation Limited shall consider the total price quoted in Price Schedule (.xls) as per the schedule in all respect along with the applicable taxes and duties.
31.	Comparison of Bids	31.1	Odisha Power Transmission Corporation Limited shall compare all substantially responsive bids to determine the lowest evaluated total price.
32.	Clarification before Comparison of Bids	32.1	The comparison shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, and for validation of the qualification, clarifications, if any, shall be sought for prior to the comparison of bids.
33.	OPTCL's Right to Accept Any Bid, and to Reject Any or All Bids	33.1	Odisha Power Transmission Corporation Limited reserves the right to accept or reject any Bid, and to annul the bidding process and reject all Bids at any time prior to Contract award, without assigning any reason and without incurring any liability.
<b>Award of Contract</b>			
34.	Award Criteria	34.1	OPTCL shall award the Contract to the Bidder whose offer has been determined to be the lowest

**e-Tender : Up gradation of OGS-WAN**

			evaluated Bid provided that such Bidder continues to remain qualified to perform the Contract satisfactorily.
		34.2	A Bid shall be rejected if the bidder is determined to be un-qualified to perform the Contract satisfactorily. In such event Odisha Power Transmission Corporation Limited shall proceed to the next lowest ranked evaluated Bid to match with the discovered total lowest price and to make a similar reassessment of that Bidder's capabilities to perform satisfactorily.
35.	OPTCL's Right to change the deliverables & time schedule defined under scope of Work	35.1	During the execution of contract, Odisha Power Transmission Corporation Limited reserves the right to modify the scope and deliverables in lieu of the scope of work & deliverables and time schedule defined under the Scope of Work. <b>However, for any modification or addition of new scope, which is beyond the original scope, the same shall be decided mutually subject to any financial implication to either side.</b>
36.	Notification of Award	36.1	Prior to the expiration of the period of bid validity, Odisha Power Transmission Corporation Limited shall issue Letter of Award (LOA) to the successful Bidder, in writing, that its Bid has been accepted.
		36.2	Until a formal Contract is prepared and executed, the Letter of Award shall constitute a binding Contract.
		36.3	Within 07 days of LOA, the bidder shall sign, date, and return the LOA copy to the Odisha Power Transmission Corporation Limited as acknowledgement.
		36.4	Failure to acknowledge the LOA within the time limit shall constitute sufficient grounds for suspension of the bidder as per <b>clause no 17</b> .
		36.5	In that event Odisha Power Transmission Corporation Limited may award the Contract to the next lowest ranked evaluated Bidder at discovered lowest total price, whose offer is substantially responsive and is determined by Odisha Power Transmission Corporation Limited to be qualified to perform the Contract satisfactorily.
37.	Signing of the Contract	37.1	The successful bidder shall sign the contract Agreement with Odisha Power Transmission Corporation Limited in non-judicial stamp paper and send it to Odisha Power Transmission Corporation Limited within the time schedule mentioned under Section-IV.
		37.2	Failure to sign the Contract Agreement shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security Declaration.
38.	Working Environment	38.1	It will be imperative on each bidder to fully inform himself of all local working environments which may have any effect on the execution of the works

			covered under these documents and specifications. Odisha Power Transmission Corporation Limited shall not entertain any request for clarifications from the bidders, regarding such working environment. It must be understood and agreed that such factors have properly been investigated and considered while submitting the proposals. Neither any change in the time schedule of the contract nor any financial adjustments arising thereof shall be permitted by Odisha Power Transmission Corporation Limited.
39.	Disclaimer to e-tender document	39.1	<p>This e-Tender Document (e-TENDER) has been prepared by Odisha Power Transmission Corporation Limited for Appointment of Firm for Data Centre.</p> <p>Though adequate care has been taken while preparing the e-TENDER documents, the Bidder shall satisfy himself that document is complete in all respects. Intimation of any discrepancy shall be given to this office immediately. If no intimation is received from any Bidder within ten (10) days from the date of issue of Bid documents, it shall be considered that the Bid document is complete in all respects and has been received by the Bidder in complete shape.</p> <p>While this e-TENDER has been prepared in good faith, Odisha Power Transmission Corporation Limited does not make any representation or warranty, express or implied, or accept any responsibility or liability, whatsoever, in respect of any statements or omission herein, or the accuracy, completeness or reliability of information, and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of this e-TENDER, even if any loss or damage is caused by any act or omission on their part.</p> <p>All information submitted in response to e-TENDER become the property of Odisha Power Transmission Corporation Limited and OPTCL does not accept any responsibility for maintaining the confidentiality of the material submitted or any trade secrets or proprietary data contained therein.</p> <p>In submitting a proposal in response to the e-TENDER, each bidder certifies that it understands, accepts and agrees to the disclaimers on this page. Nothing contained in any other provision of the e-TENDER nor any statements made orally or in writing by any person or party shall have the effect of negating or superseding of the disclaimers set forth on this page.</p>

**SECTION-III**

**1. ELIGIBILITY CRITERIA**

A bidder participating in the procurement process shall possess the following minimum pre-qualification/ eligibility criteria. Any bid failing to meet the stated criteria shall be summarily rejected and will not be considered for Technical Evaluation. The eligibility criteria of a firm to bid for this tender are as follows:

1.1	<p>(a) The Bidder should be registered under the Companies Act, 1956 or Companies Act 2013, and should have been in existence for the last 5 (five) years in the field of Network Operations and related Facility Management Services in India.</p> <p>(b) The company must be registered with appropriate authorities for all applicable statutory duties/taxes</p>
1.2	<p>The bidder should have an average annual turnover of not less than Rs. 50 Crore in the three financial years (FY – 2018-19, 2019-20 &amp; 2020-21). For financial year 2020-21 the bidder should submit a CA certified financial statement of its organization.</p> <p><b>Note:</b> Bidder can bid along with it's 100% subsidiary company and Credential of bidder along with its 100% owned subsidiary will be considered as bidder's credential. Order can be placed either of them however total ownership will rests on bidding entity.</p>
1.3	<p>The bidder shall have Quality Certificate (ISO 9001:2015) and ISO 27001 for related field, that is designing monitoring &amp; operation of IT Infrastructure &amp; Network, IT Security &amp; at the time of submission of the bid.</p> <p><b>Note:</b> bidder has to ensure that the certificate remains valid during the life cycle of the project</p>
1.4	<p>The bidder shall have successfully completed or running for more than 1 year execution of the following:</p> <p>A. The Bidder should have experience of implementing / managing with minimum one (1) wide area networking project order value worth min INR 4 Crore in India in the last five (05) years.</p> <p>B. The bidder should have executed orders for commissioning/maintaining of similar projects for Govt. /PSU for one organization with a minimum of 100 WAN Nodes OR the bidder should have executed 3 orders for commissioning of Similar projects for any organization with cumulative 250 WAN node in last five (05) years.</p> <p>C. The bidder should have executed at least one order for providing NOC/SOC service support within last 5years.</p>
1.5	<p>The Bidder: Should not currently have been blacklisted by any Government Department/PSU or under a declaration of ineligibility for fraudulent or corrupt practices or inefficient/ineffective performance.</p>
1.6	<p>The Bidder should submit valid letter from the OEM confirming the following:</p> <ul style="list-style-type: none"> <li>• OEM: Must be in the Gartner's leader quadrant for Enterprise LAN in the latest report.</li> <li>• Manufacturer's tender specific authorizations for all hardware to Bidder.</li> <li>• The routers, switches &amp; SFP modules quoted shall be of same OEM.</li> <li>• Confirm that the products quoted are not end of sale products" as on bid submission date. If in case of the end of sale of 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.</li> <li>• Undertake that the support including spares, patches, and upgrades including support service for the quoted products shall be available for the period of 5 years from the date of final acceptance.</li> </ul>

1.7	<ul style="list-style-type: none"> <li>• The Bidder must have a registered/Branch office in Odisha.</li> <li>• The Bidder must have service/maintenance of 300 professionals in the field of data and networking, computing and IT services available directly or indirectly in its payroll.</li> <li>• The bidder has its own NOC/SOC having ISO 27001 certified &amp; quoted OEM TAC</li> </ul>
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## 2. TECHNICAL REQUIREMENT

The technical specification of the network items are as follows:

<b>1. Field Router</b>		
Specification Name	Values	Bid Requirement (Allowed Values)
Type of Router	WAN	WAN
<b>No. of Gigabit Ethernet (10/100/1000 Base-T) Interface Ports</b>	2	2
No. Of Serial WAN Port	0	*
<b>No. 1G SFP Slot ( Fiber / Copper)</b>	0	Any applicable numeric value
<b>No. of 10G SFP+ Slot (Fiber / Copper)</b>	0	More than 0
No. of v.35 WAN Interface	0	*
No. of E1 (G.703) WAN Interface	0	*
Number of Gigabit Ethernet (10/100/1000 Base-T ) LAN Ports	8	*
Ethernet LAN PORT	Non PoE	*
<b>Packet forwarding rate (MPPS)</b>	0.5	Any applicable numeric value
Aggregated Throughput (Mbps)	100	*
Support for Redundant Power Supply	NA	*
No. of 3G/4G Interface Card	0	*
No. of Free Slots (Low density)	3	*
<b>No. of Free Slots (High density)</b>	0	*
Routing Protocols from day-1	Static RIPv1/v2 RIPng PBR OSPFv2.v3 BGP BGP4 MPLS MPLS L3/L2 VPN VPLS 200K IPV4 & IPv6 routing table, SDN Feature support from day-1 (OpFlex/OVSDB/OpenFlow/equivalent)	*
Network Management Protocols	-	*
<b>IPsec Throughput (Mbps)</b>	170	*
IPsec Encryption	ADVPN DES AES 3DES IKE IPsec VPN 250 IPsec VPN tunnel	*
Security Protocol	ACL 802.1x RADIUS/TACACS stateful & zone base firewall NAT-PT PPPoE ICMP/ICMPv6	*
Support for QoS	Available	*
Wattage (Watt)	30	*
Dimension / Form Factor(RU)	1.0	*
Operating Temperature Range(Degree C)	0 to 45	*
Operating Humidity (RH) (%)e	15 to 95	*
IPv6 Ready	Yes	*
<b>On Site OEM Warranty (Year)</b>	5	5

<b>2. Layer 2 Access Switch (24 Port)</b>		
<b>Specification Name</b>	<b>Values</b>	<b>Bid Requirement (Allowed Values)</b>
Type of Switch	Managed	Managed
Technology	Non PoE	Non PoE
Number of 1G Copper Ports	24	24
Number of 10G Copper Ports	0	0
No. of 1 G SFP Port (Uplink)	4	4
No. of 10 G SFP+ Port (Uplink)	0	0
Multi-Gigabit Support	No	No
Redundant Power supply ( from day one)	Not available	Available, Not available, Supported
Console Port	Available	*
Switching Capacity -Non Blocking (Gbps)	56	*
Throughput (MPPS)	41	*
Operating System	Available	*
Dedicated Stacking Port/Slot ( from day one)	Not available	*
Stacking Bandwidth (Gbps)	0	*
Basic Layer-3 Protocol	Static RIPv1/v2, RIPng, PBR, OSPFv2/v3, VxLAN, 2K VLAN, 32K MAC address, 2K IPv4 & 1K IPv6 Routing, SDN Feature support from day-1 (OpFlex/OVSDB/OpenFlow/equivalent)	*
Security Feature	ACL 802.1X RADIUS/TACACS+ SSHv2 SSL Port security RA guard, DHCPv6 protection ND snooping	*
Management Protocol	CLI GUI SNMPv1, v2, v3 ZTP REST API Dual flash images RMON, XRMON, and sFlow UDLD Dual IP Stack	*
QoS	802.1p CoS ToS Rate-limiting 12 MB packet buffer size (EAL/NDPP Cetified, IPv6 Logo Certified)	*
Operating Temperature Range (Degree C)	0-45	*
Operating Humidity (RH)(%)	15-95	*
IPv6 Ready from day one and dully certified	Yes	*
PoE Power Budget ( Watt )	0	*
on Site OEM Warranty	5	5

<b>3. Layer 2 Access Switch (48Port)</b>		
<b>Specification Name</b>	<b>Values</b>	<b>Bid Requirement (Allowed Values)</b>
Type of Switch	Managed	Managed
Technology	Non PoE	Non PoE
Number of 1G Copper Ports	48	48
Number of 10G Copper Ports	0	Any applicable numeric value
No. of 1 G SFP Port (Uplink)	4	4
No. of 10 G SFP+ Port (Uplink)	0	0
Multi-Gigabit Support	No	No

## e-Tender : Up gradation of OGS-WAN

<b>Redundant Power supply ( from day one)</b>	Not available	Available, Not available, Supported
Console Port	Available	*
Switching Capacity -Non Blocking (Gbps)	104	*
Throughput (MPPS)	77	*
Operating System	Available	*
Dedicated Stacking Port/Slot ( from day one)	Not available	*
Stacking Bandwidth (Gbps)	0	*
Basic Layer-3 Protocol	Static RIPv1/v2, RIPng, PBR, OSPFv2/v3, VxLAN, 2K VLAN, 32K MAC address, 2K IPv4 & 1K IPv6 Routing, SDN Feature support from day-1 (OpFlex/OVSDB/OpenFlow/equivalent)	*
Security Feature	ACL 802.1X RADIUS/TACACS+ SSHv2 SSL Port security RA guard, DHCPv6 protection ND snooping	*
Management Protocol	CLI GUI SNMPv1, v2, v3 ZTP REST API Dual flash images RMON, XRMON, and sFlow UDLD Dual IP Stack	*
QoS	802.1p CoS ToS Rate-limiting 12 MB packet buffer size (EAL/NDPP Cetified, IPv6 Logo Certified)	*
Operating Temperature Range (Degree C)	0-45	*
Operating Humidity (RH)(%)	15-95	*
IPv6 Ready from day one and dully certified	Yes	*
PoE Power Budget ( Watt )	0	*
<b>on Site OEM Warranty</b>	5	5

<b>4. SFP MM 100Mbps Transceiver</b>		
<b>Specification Name</b>	<b>Values</b>	<b>Bid Requirement (Allowed Values)</b>
<b>Type of Transceiver</b>	SFP	SFP
SFP Mode	Multi	*
Supported Protocols	IEE802.3u	*
Compatability with OEMs Products	-	*
Wavelength(nm)	1310	*
Fibre Cable Type	Multi-mode	*
Core Size (Micron)	0	*
Maximum Data Rate	100	*
Modal Bandwidth (MHz/Km)	0	*
Max.Cable Distance (meter)	2000	*
Optical Component (nm)	-	*
Digital Optical Monitoring (DOM) Support	Yes	*
Interface	-	*
Tx Power (dBm)	-19	*
Receiver Sensitivity (dBm)	-30	*
Operating Temperature Range(Degree C)	0C to 60C	*
Operating Humidity (RH) (%)	80%	*
<b>On Site OEM Warranty (Year)</b>	5	5

<b>5. SFP MM 10Gbps Transceiver</b>		
<b>Specification Name</b>	<b>Values</b>	<b>Bid Requirement (Allowed Values)</b>
<b>Type of Transceiver</b>	SFP+	SFP+
SFP Mode	Multi	*
Supported Protocols	-	*
Compatibility with OEMs Products	-	*
Wavelength(nm)	850	*
Fibre Cable Type	Multi-mode	*
Core Size (Micron)	0	*
Maximum Data Rate	10000	*
Modal Bandwidth (MHz/Km)	0	*
Max.Cable Distance (meter)	0	*
Optical Component (nm)	850	*
Digital Optical Monitoring (DOM) Support	Yes	*
Interface	-	*
Tx Power (dBm)	-9.5	*
Receiver Sensitivity (dBm)	-17	*
Operating Temperature Range(Degree C)	0C to 60C	*
Operating Humidity (RH) (%)	80%	*
<b>On Site OEM Warranty (Year)</b>	5	5

<b>6. SFP SM 1Gbps Transceiver</b>		
<b>Specification Name</b>	<b>Values</b>	<b>Bid Requirement (Allowed Values)</b>
<b>Type of Transceiver</b>	SFP	SFP
SFP Mode	Single	*
Supported Protocols	-	*
Compatibility with OEMs Products	-	*
Wavelength(nm)	1310	*
Fibre Cable Type	Single-mode	*
Core Size (Micron)	0	*
Maximum Data Rate	1000	*
Modal Bandwidth (MHz/Km)	0	*
Max.Cable Distance (meter)	0	*
Optical Component (nm)	1310	*
Digital Optical Monitoring (DOM) Support	Yes	*
Interface	-	*
Tx Power (dBm)	-9.5	*
Receiver Sensitivity (dBm)	-20	*
Operating Temperature Range(Degree C)	0C to 60C	*
Operating Humidity (RH) (%)	80%	*
<b>On Site OEM Warranty (Year)</b>	5	5

## **Section-IV**

### **SCHEDULE of REQUIREMENTS (SOR), TIME SCHEDULE**

#### **1. Schedule of Requirements (SOR)**

The purchaser's service quantity requirement covered under the Project is as indicated below.

Sl.No.	Name of Items	Qty. Required
01	Field Router	198
02	24 Port Switch with 4 SFP	280
03	48 Port Switch with 4 SFP	27
04	SFP MM 10G Transceiver	20
05	SFP MM 100Mbps Transceiver	147
06	SFP SM 1G Transceiver	20

#### **2. Time Schedule**

Clause	Scope of Works	Time Schedule
2.1	Acknowledgment of LOA & signing of Contract Agreement	Within 07 days from the date of issue of LOA.
2.2	Supply of Network Equipment to the consignee of OPTCL at locations (annexure-II) as per the Scope of Works and Technical Specification.	Within 60 days from the issue of LOA
2.3	Installation & Commissioning of Network Equipment at designated locations as per instruction of CGM (IT).	
2.4	Submission of onsite acceptance certificate from authorized person.	

**SECTION-V:**

**GENERAL CONDITIONS OF CONTRACT (GCC)**

01.	Contract Documents	1.1	Subject to the order of precedence set forth in the Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. Contract document covers, TENDER document, bidders offer, letter of award, correspondences between the Odisha Power Transmission Corporation Limited and Bidder(s).
02.	Definition	2.1	<b>“The Purchaser”</b> shall mean the ODISHA POWER TRANSMISSION CORPORATION LTD. or OPTCL.
		2.2	<b>“The Engineer”</b> shall mean the OEM trained Engineers to be engaged by the bidder for the purpose of successful implementation of this contract.
		2.3	<b>“e-TENDER”</b> i.e. “e-Tender Document” shall mean document consisting of ITB, BID Data Sheet, Eligibility Criteria, Scope of Works, Bid Evaluation Methodology, Bidding Forms and Contract Forms and .xls sheet floated in the website/tender portal of the <b>Purchaser</b> any amendments there to.
		2.4	<b>“Bid”</b> shall mean Techno-Commercial Proposal & Price Proposal in prescribed FORMS in the Attach.pdf and .XLS sheet uploaded in the tender portal of the OPTCL in pursuance to TENDER document.
		2.5	<b>“Bidder”</b> shall mean the intending bidder(s), who meets the eligible criteria and fulfill the e-tender conditions participating in the e-tender floated by the Odisha Power Transmission Corporation Limited for Supply, Installation and commissioning of Network Equipment in OPTCL as per the technical specification without any material deviations including support services during warranty period and AMC period for three years and shall include his heirs, legal representatives, successors and permitted assigns.
		2.6	<b>“Equipment”</b> shall mean the supply of Network equipment as per the schedule of requirement (SOR) meeting with the technical specifications including warranty period.
		2.7	<b>“LOA”</b> i.e. “Letter of Award” shall mean the official notice issued by Odisha Power Transmission Corporation Limited notifying the Bidder that his bid proposal has been accepted and it shall include amendments thereto, if any, issued by Odisha Power Transmission Corporation Limited.
		2.8	<b>“Month”</b> shall mean the calendar month and <b>“Day”</b> shall mean the calendar day.
		2.9	<b>“Contract”</b> shall mean the agreement signed by the authorized representatives of Odisha Power Transmission Corporation Limited and the Selected Consulting firm covering “the GCC, Scope of Works, Techno-Commercial Bid & Price Bid submitted by the Bidder, Correspondences and Letter of Award” including

**e-Tender : Up gradation of OGS-WAN**

			amendments and clarifications thereto, if any, issued by Odisha Power Transmission Corporation Limited.
		2.10	<b>“Effective Date of the Contract”</b> shall mean the date of issue of Letter of Award for the Supply, Installation & Commissioning of Network Equipment in locations of OPTCL as per <b>Annexure-II</b> .
		2.11	<b>“Contract Period”</b> shall be from the date of issue of Letter of Award till the closure of the project and extensions, if any.
		2.12	<b>“Contract Price”</b> 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, Excise Duty, Sales Tax and any other taxes and duties as applicable and including warranty/AMC period for 05 years.
		2.13	<b>“F.O.R. (Freight on Road) Destination”</b> 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.
		2.14	<b>“Warranty/AMC”</b> shall mean the agreement between the OPTCL & the service provider for providing OEM extended warranty for a period of 05 years of the supplied & after the acceptance of the installation of the equipment.
		2.15	<b>“Other Terms &amp; Expression”</b> Terms and expressions not herein defined shall have the same meaning as are assigned to them in the Indian Contract Act (1872) and failing that in the ODISHA General Clauses Act (1897) including amendments thereof, if any.
03.	Guidelines for the Bidder	3.1	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 himself as to all terms and conditions and circumstances affecting the contract price. He shall quote price (s) according to his own allowances except as otherwise provided therein will be levied.
		3.2	The purchaser shall not be responsible for any misunderstanding or incorrect information obtained by the contractor other than information given to the contractor in writing by the purchaser.
04.	Patent Rights etc.	4.1	Any dispute arising in respect of copy right act for the network equipment supplied hardware or software configured by the contractor and used by the purchaser shall be the responsibility of the contractor and the purchaser in no way shall be held responsible in any form or court of law in this regard.
05	Manner of Execution	5.1	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 network equipment supplied by the contractor shall be new, unused and conforming to relevant standards.
06	Inspection & Testing	6.1	The Purchaser or its representative shall have the right to inspect and/or to test the equipment to confirm their conformity to the Contract specifications at no extra cost to the Purchaser. The Purchaser shall notify what

**e-Tender : Up gradation of OGS-WAN**

			inspections and tests the Purchaser requires and where they are to be conducted.
		6.1	The inspections and tests may be conducted on the premises of the Manufacturer location/vendor location prior to the time 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.
		6.2	The Purchaser's right to inspect, test, and where necessary, reject the equipment after the equipment's arrival at Project Site shall in no way be limited or waived by reason of the equipment having previously been inspected, tested, and passed by the Purchaser or its representative prior to the equipment's shipment.
		6.3	The inspection of the equipment shall be carried out to check whether the equipment 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. All the network equipment shall be installed, 100%, and inspected on working basis.
07	Dispatch Instruction	7.1	Free delivery should be made at the locations as per <b>Annexure-II</b> .
08	Documentation	8.1	The Contractor shall provide complete and legal documentation of all network equipment and the associated software. The Contractor shall also indemnify the purchaser against any levies/penalties on account of any default in this regard.
09	Contractor's Obligation	9.1	The Contractor is obliged to work closely with the Purchaser's staff, act within its own authority and abide by directives issued by the Purchaser during implementation activities.
		9.2	The Contractor will abide by the job safety measures prevalent in India and will free the Purchaser from all demands or responsibilities arising from accidents or loss of life during installation and commissioning activities. The Contractor will pay all indemnities arising from such incidents and will not hold the Purchaser responsible or obligated.
		9.3	The Contractor is responsible for managing the activities of its personnel or sub-contracted personnel and will hold itself responsible for any misdemeanors.
		9.4	The Contractor will treat as confidential all data and information during the execution of his responsibilities and will not reveal such information to any other party without the prior written approval of the Purchaser.
10	Site Preparations	10.1	The Purchaser is responsible for providing the storage, installation and commissioning site for the installation of network equipment in compliance with the technical and environmental specifications defined by the Contractor. The Purchaser will designate the installation sites before the scheduled installation date to allow the Contractor to

**e-Tender : Up gradation of OGS-WAN**

			perform a site inspection to verify the appropriateness of the sites before the installation of network equipment.
11	Contract's Default Liability	11.1	<p>The purchaser may upon written notice of default to the contractor terminate the contract in circumstances detailed here under.</p> <p>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.</p> <p>ii. If in the judgment of the purchaser, the contractor fails to supply with any of the other provisions of this contract.</p>
		11.2	In the event purchaser terminates the contract in whole or in parts as provided in Section-I(1) (Scope of work), the purchaser reserves the right to purchase upon such terms and in such a manner as he 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 penalty for delay as defined in Section –V.(14) 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.
		11.3	In the event the purchaser does not terminate the contract as provided in Section –V. (12), Contractor shall continue the performance of the contract, in which case he shall be liable to the purchaser for penalty for delay as set out in Section –V. (14) until the equipment is accepted. Execution of the contract under such circumstances shall however be on express written willingness of both the parties.
12	Rejection of Material	12.1	<p>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:</p> <p>i. At its option replace or rectify such defective equipment and recover the extra costs so involved from the contractor and/or</p> <p>ii. Terminate the contract for balance work/supplies, with enforcement of penalty as per contract.</p> <p>iii. Acquires the affected equipment/materials and services at reduced price considered equitable under the circumstances</p> <p>iv. The contractor shall not be allowed any extension in contract completion period due to time taken to replenish the rejected material/work.</p>

**e-Tender : Up gradation of OGS-WAN**

13	Extension of Time	13.1	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.
14	Price Reduction Schedule	14.1	Delay in execution of any supply, installation, commissioning, integration, testing & acceptance against this tender shall attract Price Reduction.
		14.2	<b>For Supply Component:</b> If the supplier fails to complete the delivery as per delivery schedule specified, the purchaser 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.
		14.3	<b>For installation and commissioning:</b> If the installation, commissioning, integration, testing and acceptance is not completed within the scheduled time, a price reduction of 0.5% of the installation & commissioning cost (site-wise) for each week or part thereof subject to maximum of 5% , shall be imposed on the supplier.
		14.4	<b>During the warranty period:</b> In case, the downtime of a unit exceeds as per SLA from the time of intimation of the purchaser 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 performance bank guarantee or from any sum thereafter that may become due to the contractor out of this contract or any other contract with the purchaser. 24 hours or part thereof beyond the stipulated downtime shall be counted as a full day for calculation for imposition of price reduction.
		14.5	<b>Warranty/AMC:</b> failing to provide warranty service support with in stipulated time as mentioned in clause 18.1, necessary action towards forfeiture of the 03% Performance Bank Guarantee (submitted during the supply, installation & commissioning phase) will be initiated as deemed fit.
		14.6	<b>Preventive Maintenance:</b> In case the contractor fails to conduct the quarterly preventive maintenance & scheduled maintenance of any equipment /component of the project, a price reduction of 30% of the base price of the uncovered equipment for the quarter shall be deducted from the FMS quarterly invoice.
		14.7	<b>Deviation Certificate:</b> In case Contractor fails to submit the deviation Certificate, a price reduction of 0.05% of the taxable value will be made and will be covered from the invoices or from the performance bank guarantee.
		14.8	<b>NOTE:</b> 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

**e-Tender : Up gradation of OGS-WAN**

			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.
15	Warranty Support	15.1	Warranty period is for 05 years from the date of the acceptance of the project or site wise whichever is earlier.
		15.2	Break down will be attended within 24 hours of receipt of information of breakdown call from the purchaser. All repairs and servicing of equipment shall be carried out on site. In exceptional circumstances where the equipment/component is/are to be taken to the service provider's premises/service center for repair, standby component shall be made available by the service provider. The equipment/component taken to the workshop for repair would be at service provider's own risk and expenses.
		15.3	Any damage or loss caused to equipment/component due to negligence, mishandling shall be made good by contractor either by payment by cash at prevailing market price of the equipment/item or by replacing equipment/item of same make and specification.
		15.4	The Contractor shall have to back to back support arguments with OEM only, for reliable and dependable maintenance services during the period of the contract.
		15.5	Annual maintenance service charge shall include the cost of all supplies of spares, services, software support for the active network component and services and software support.
		15.6	The Contractor will be required to maintain fully equipped technical support center at a convenient location with necessary spares in sufficient quantity, so that Service Engineers can reach the various locations along with required spares within 24 hours of reporting the call. The bidder shall provide the list of such spares.
		15.7	Contractor have to submit the monthly uptime report for the each hardware made active in the purchaser's network to check the performance. Report should have details for each complaint logged with bidder with detailed Reason For Outage (RFO). Basis the submitted report SLA will be calculated.
16	Contractor's warranty	16.1	The Contractor 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 Contractor further warrants that all equipment 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 Contractor, that may develop under normal use of the supplied equipment in the conditions prevailing in the country of final destination.

**e-Tender : Up gradation of OGS-WAN**

		16.2	The OEM Warranty for “Network Items” and FMS and NOC (SECTION-IV.2) shall remain valid for Sixty (60) months from the date of installation at the last locations or Sixty-three (63) months from the date of delivery, whichever is later for all the location as per Annexure-II.
17	OEM Warranty support	17.1	The Contractor shall coordinate with the OEM for lodging of all defects and complaints and shall communicate to the “Purchaser” through email or any other complaint registration method mutually agreed by the purchaser and contractor.
		17.2	The vendor shall have to arrange a back to back OEM warranty support.
		17.3	System readjustment and/or system changing-over support on occasions of reconfiguration and/or upgrade and extensions if any.
		17.4	The contractor 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 contractor shall have to take immediate remedial measure for such defects at his own cost when called upon to do so by the Purchaser.
		17.5	The contractor 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 contractor should also guarantee that the equipment and its accessories supplied would perform satisfactorily as per requirements mentioned in the specification.
		17.6	Any software support like update/enhancement/upgrade etc. Released till the completion of warranty and during warranty Support shall be supplied, installed and commissioned free of cost by the contractor, irrespective of whether or not OEM charges for the same.
		17.8	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, 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.
		17.9	In case of violation of any of the conditions of warranty (for three 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 contractor, the Performance Bank Guarantee shall be extended beyond three 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 contractor; otherwise OPTCL will be forced to invoke the said Performance Bank Guarantee.
		17.10	If any equipment gives continuous trouble, say three times in one month, during the warranty period, the

**e-Tender : Up gradation of OGS-WAN**

			contractor shall replace the equipment with new equipment without any additional cost to OPTCL.
		17.11	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.
18	Maintenance Service Support	18.1	The Contractor shall provide Maintenance support for the entire project in total soon after the acceptance of the hardware installed.
		18.2	The annual maintenance charges shall be paid in quarterly installments at the end of each quarter.
		18.3	The Contractor has to conduct quarterly preventive maintenance, scheduled maintenance of each equipment/ component of the project.
		18.4	The Purchaser reserves the right to terminate the maintenance and repairs contract, after the warranty period, at any time without assigning any reasons and the Supplier cannot claim any compensation in this respect.
		18.5	Minimum 10% (10% of the ordered quantity of this contract) spares stock should be maintained by the vendor in the local service centers available at Bhubaneswar during the entire Contract Period for the supply and installment of Network items.
19	Price quotation	19.1	The contractor is requested to quote their FIRM price only for each individual item covered under schedule of requirement. No price variation shall be entertained at any time during the contract period.
		19.2	All prices quoted must be firm and valid for 180 (One hundred and eighty) days from the date of opening of the techno-commercial bid
		19.3	The prices shall be for destination only at the consignees store(s) inclusive of packing, forwarding, freight and insurance
		19.4	Wherever the issue of foreign exchange is involved due to import of materials from a country other than India, the same shall be paid by the contractor. Import License, marine freight, insurance, customs duty, surcharge, port handling and clearing charges etc. all shall be contractors account and purchasers shall not be responsible in any way in this regard. All such costs shall be presumed to have been included in the quoted unit prices.
20	Import License	20.1	In case imported materials are offered no assistance will be given for Import License or release of Foreign Exchange. The contractor should arrange to import materials from their own quota.
21	Terms of Payment	21.1	All payments will be released from the purchaser's office within 30 days of claim on submission of all relevant documents. The payments will be released through NEFT/ RGTS and the Contractor has to provide proper GST Invoice with necessary OPTCL Details like Account No., OPTCL's Name with Branch, IFSC Code etc.

**e-Tender : Up gradation of OGS-WAN**

			Applicable TDS, if any, will be deducted at the time of releasing the payments.
		21.2	All payments will be made within 30 working days after the bills have been received and have been verified in quantity and quality by OPTCL Officials.
		21.3	<b>For equipment supply-</b> 70% of the payment will be released within 30 working days of submission of commercially valid invoice and supporting documents – scanned copy of acknowledged Delivery Challan or POD on mail and OEM warranty Certificate
		21.4	<b>For equipment Installation-</b> 30% of the payment will be released within 30 working days of submission of commercially valid invoice and supporting documents – scanned copy of acknowledged installation report and acceptance report.
		21.5	Invoices, Delivery Challan, Installation Report should be sent to central office of OPTCL.
		21.6	<b>For FMS &amp; NOC Service Support-</b> payment will be released to the firm on quarterly basis after availing the service within 30 days of submission of commercially valid tax invoice and supporting document of scanned copy of acknowledged preventive maintenance report and no downtime report.
		21.7	<b>NOTE:</b> 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 contractor.
22	Performance Bank Guarantee	22.1	A <b>Performance Bank Guarantee</b> at the rate of 03% (Three percent) of the value of the total project cost shall be furnished from any Nationalized/Scheduled Bank to the Chief 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 63 months (Sixty three months) from date of acceptance of this contract as per proforma enclosed, towards security, 100% payment and performance guarantee purposes failing which the purchase order the purchaser may forfeit the whole amount of the Performance bank guarantee. The forfeiture of the Performance Bank guarantee shall not in any way affect, limit or extinguish any remedy or relief to which the above authority may at any time be lawfully entitled.
		22.2	No interest will be payable on the Bank Guarantee amount.
23	No Deviation Certificate	23.1	The Contractor needs to submit a No Deviation Certificate as per the format given in <b>Form-5</b> .
24	Payment Due from the Contractor	24.1	All costs and damages, for which the contractor is liable to the purchaser, will be deducted 100% of the total hardware value by the purchaser from any money due to the contractor under the contract or through the composite Bank Guarantee submitted by him.

**e-Tender : Up gradation of OGS-WAN**

25	Insurance	25.1	Insurance of Stores covered by this specification shall be done by the contractor with their own insurance unless otherwise stated. The responsibility of delivery of the stores at destination in good condition rests with the contractor. Any claim with the Insurance Company or transport agency arising due to loss or damage in transit has to be settled by the contractor. The contractor 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 penalty till replacement as per clause under heading "Rejection of Materials".
26	Jurisdiction of the Contract	26.1	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.
27	Right to reject/accept any tender	27.1	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.
28	Contractor's Responsibility	28.1	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 tenderers.
29	Evaluation of bids	29.1	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.
		29.2	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.
30	Force Majeure	30.1	The Contractor 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 contractor 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.

**e-Tender : Up gradation of OGS-WAN**

31	correspondences	31.1	Any notice to the contractor under the terms of the contract shall be served by Registered mail or by hand at the contractor's principal place of business.
		31.2	Any notice to the purchaser shall be served at the OPTCL's principal office in the same manner.
32	Copy right protection of tender document	32.1	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.
33	Unsatisfactory Performance	33.1	The Parties herein agree that the purchaser shall have the sole and discretionary right to assess the performance(s) of the Contractor component(s), either primary and or final, and the purchaser, without any liability whatsoever, either direct or indirect, may reject the system(s) component(s) provided by the Contractor, in part or in its entirety, without any explanation to the Contractor, either during the pre and or post test period should the same be unsatisfactory and not to the acceptance of the purchaser. The Contractor covenants to be bound by the decision of the purchaser without any demur in such an eventuality.
34	Dispute Resolution	34.1	Any dispute or difference, whatsoever, arising between the parties to this agreement arising out of or in relation to this agreement shall be amicably resolved by the Parties through mutual consultation, in good faith and using their best endeavors. Parties, on mutual consent, may refer a dispute to a competent individual or body or institution or a committee of experts appointed By the purchaser for such purpose and abide by the decisions thereon.
		34.2	On non-settlement of the dispute, same shall be referred to the commissioner-cum secretary to Government, IT department, and Government of Odisha for his decision and the same shall be binding on all parties, unless either party makes a reference to arbitration proceedings, within sixty days of such decision.
		34.3	Such arbitration shall be governed in all respects by the provision of the Arbitration and Conciliation Act, 1996 or later and the rules framed there under and any statutory modification or re-enactment thereof. The arbitration proceeding shall be held in Bhubaneswar, Odisha.
35	Training	35.1	One week operational and configurational training to Five (5) OPTCL officers/ engineer's must be provided by certified engineers of OEM at bidder's NOC office.
		35.2	Training will be conducted after successful installation of devices at OPTCL sites.
		35.3	All the necessary training documentation will be given by the Contractor to the purchaser's representatives.
36	Contract Agreement & NDA Sign	36.1	The successful bidder shall submit the Contract Agreement Form and Non-Disclosure Agreement Form as per Section: VII within 10 working days after issue of LOA.

**SECTION-VI:**

**BIDDING FORMS**

**FORM (F-1):**

**TENDER Submission Sheet**  
**(To be submitted on Firm's letterhead)**

Bidder's Name & Address

To,

Chief General Manager (IT),  
Odisha Power Transmission Corporation Limited.  
Janpath, Bhubaneswar-751022, Odisha

Sir,

**Sub: Supply, Installation & Maintenance support of Network Items for  
OPTCL-GRIDCO-SLDC Wide Area Network (OGS-WAN)**

**TENDER Reference No.** \_\_\_\_\_

I, \_\_\_\_\_, (Bidder) herewith enclose the Techno-Commercial Proposal against the subject TENDER for Appointment of my firm as the Firm.

I hereby accept and abide by the scope & terms and conditions of TENDER document unconditionally.

**Yours faithfully,**

**Full name:**

Address:

Telephone:

E-mail id:

**FORM (F-2):**  
**Details of Service Support**

SERVICE CENTRE AT BHUBANESWAR										
Location										
Sl. No.	Land line no	Fax No	Email ID	Contact person Mobile no	Status of Office Working Days and Hours	Number of Software Engineers	Number of Hardware Engineers	Number of Hardware Staff	Value of Min. Stock Available at all times	List of Similar Projects serviced in last two (2) years

Date:

(Signature) .....

Place:

(Printed Name) .....

(Designation) .....

**FORM (F-3):**

**Project Experience**

The Bidder's relevant past experience should be provided as per the requirements specified for meeting eligibility criteria under Section-IV and Bid evaluation criteria under Section-V.

Experience details should be submitted against each of the qualifying requirements as mentioned in Section-IV and Section-V.

Bidder should submit the details as per the format in the table provided below and necessary supporting documents such as work order/contract / client citation/ confirmation for work done should be closed.

<b>Sl. No.</b>	<b>Order placed by (full address of Purchaser)</b>	<b>Order No. and date</b>	<b>Description of order</b>	<b>Value of order</b>	<b>Date of completion of work as per contract</b>	<b>Date of completion of work as per Actual</b>	<b>Remarks indicating reasons for late finish, if any.</b>	<b>Relevant Proof submitted (Y/N)</b>

**Signature:** \_\_\_\_\_

**Seal:**

**FullName:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**FORM (F-4):**

**Company's Financial Information**

**(To be submitted on Firm's Letter Head)**

Kindly provide the following details for the Firm:

1. Name of the Firm:.....

2. Annual Turnover of the firm during last 3 financial years from India Operations based on Audited Accounts (duly certified by a Chartered Accountant).

<b>Particulars</b>	<b>FY.2018-19</b>	<b>FY. 2019-20</b>	<b>FY.2020-21</b>
Annual Turnover of the firm from India Operations (Rs. in Crore)			

Average Annual Turnover of the firm during last three FY:..... Crore

**Signature of the Chartered Accountant:**

**Seal**

**Full Name:**

**Name of the CA Firm:**

**Address:**

**Phone No:**

**E-mail Id:**

**Note:**

1. Consolidated Audited Annual Reports for last three financial years have to be provided as proof for consulting firm's turnover from India Operations.

## **FORM (F-5):**

### **TECHNO-COMMERCIAL DEVIATIONS SCHEDULE**

Bidder's Name & Address

To,

Chief General Manager (IT),  
Odisha Power Transmission Corporation Limited.  
Janpath, Bhubaneswar-751022,  
Odisha

Dear Sirs,

**Sub: NO Deviations to the Scope of Works, SOR, Technical Specification and Time Schedule.**

We hereby undertake that without any deviation to the Scope of Works, SOR, Technical Specification and Time Schedule and terms and conditions contained in the TENDER to execute Supply, Installation & Maintenance support of Network Items for OPTCL-GRIDCO-SLDC Wide Area Network (OGS-WAN).

NIT	TENDER Reference	Deviation to the Scope of Works, SOR, Technical Specification and Time Schedule and terms and conditions contained in the TENDER.

Date:

**(Signature of the Bidder)**

Place:

(Printed Name) .....

(Designation) .....

(Common Seal) .....

Note: 1. Deviations, if any, mentioned elsewhere shall constitute Nil/No deviation.

(The firm has to agree to execute Supply, Installation & Maintenance support of Network Items for OPTCL-GRIDCO-SLDC Wide Area Network (OGS-WAN) without any deviation. Deviations if any mentioned above, acceptance of such deviations shall be at sole discretion of the OPTCL.)

## **FORM (F-6):**

### **Acceptance of Important Terms & Conditions**

Bidder's Name & Address

-----

To,

Chief General Manager (IT),  
Odisha Power Transmission Corporation Limited.  
Janpath, Bhubaneswar-751022,  
Odisha.

Sub.:-----  
---

With reference to your TENDER No. ----- dated -----  
for "Supply, Installation & Maintenance support of Network Items for OPTCL-  
GRIDCO-SLDC Wide Area Network (OGS-WAN)", where by confirm that we  
have read the provisions of the following clauses and further confirm that  
notwithstanding anything stated elsewhere to the contrary, the stipulation of  
these clauses of TENDER are acceptable to us and we have not taken any  
deviation to these clauses:

- a) Terms of Payment:
- b) Bid Security Declaration:
- c) Contract Performance Bank Guarantee:
- d) Liquidated Damages for delay in Completion:
- e) Deliverables:
- f) Bid Validity Period:
- g) Price Basis:

We further confirm that any deviation to the above clauses at Sl.No. (a)  
Through (g) found anywhere in our Bid Proposal shall stand unconditionally  
withdrawn, without any cost implication whatsoever to Odisha Power  
Transmission Corporation Limited.

Date:

Place:

(Signature).....  
(Printed Name).....  
(Designation).....  
(Common Seal).....

**FORM (F-7):**  
**Bid Security Declaration**

Bidder's Name & Address

-----

To,

Chief General Manager (IT),  
Odisha Power Transmission Corporation Limited.  
Janpath, Bhubaneswar-751022,  
Odisha.

Sub.:-----  
---

With reference to your TENDER No. ----- dated -----  
for "Supply, Installation & Maintenance support of Network Items for OPTCL-  
GRIDCO-SLDC Wide Area Network (OGS-WAN)",

I, \_\_\_\_\_, (Bidder) herewith confirm that the bids submitted is not modified  
and is not going to be withdrawn as per the conditions of tender document.

I hereby accept and abide by the scope & terms and conditions of TENDER  
document unconditionally.

Date:

Place:

(Signature).....  
(Printed Name).....  
(Designation).....  
(Common Seal).....

## **FORM (F-8):**

### **Reverse Auction Process Compliance**

(To be incorporated in the bid document).

(To be submitted on letter head of the bidding company with sign and stamp and along with Technical bid)

To,

Chief General Manager (IT),  
Odisha Power Transmission Corporation Limited.  
Janpath, Bhubaneswar-751022,  
Odisha.

Sub: Agreement to the Process related Terms & Conditions for e-Reverse Auction.

Dear Sir,

This letter is to confirm that:

- The undersigned is authorized representative of the company.
- We have studied the Commercial Terms and the Business rules governing the Reverse Auction as mentioned in your tender and confirm our agreement to that.
- We also confirm that we have gone through the auction manual and have understood the functionality of the same thoroughly.
- We, hereby, confirm that we will honour the Bids placed by us during the tendering/ e- Reverse auction process as called as e-RA.
- We also confirm that we will accept our Rank / Position that will be displayed when the Bidding Time for the Online Reverse Auction is over.

With regards,

Signature with Designation with company seal Name & Address

Person having power of attorney for the subject package.

**SECTION VII:**

**Contract Form**

**(To be executed on non-judicial stamp paper)**

**CONTRACT NO.:**.....

THIS CONTRACT made the ..... day of ..... 2021, between ODISHA POWER TRANSMISSION CORPORATION LIMITED (OPTCL) represented by the CGM (IT) OPTCL Hqrs, Bhubaneswar (hereinafter “**OWNER**” which expression shall include its successor, administrator and assigns), of the one part, and M/s ..... represented by the ....., <Address) ..... at ..... (Hereinafter “**the firm**” which expression shall include its successor, administrator and assigns), of the other part:

1. **WHEREAS OWNER** invited bids for Supply, Installation & Maintenance support of Network Items for OPTCL-GRIDCO-SLDC Wide Area Network (OGS-WAN) in OPTCL

and has accepted a Bid by the firm, against which contract has been awarded by the OWNER for .....vide LOA No.: .....dated.....for the estimated Contract Value for the sum of Rs.....(Rupees.....Only) (hereinafter “the Contract Price”).

**NOW THIS CONTRACT WITNESSETH AS FOLLOWS:**

1. In this Contract words and expressions shall have the same meanings as are respectively assigned to them in the Contract referred to.
3. In consideration of the payments to be made by OWNER to the Firm as indicated in this Contract, the Firm hereby covenants with OWNER to provide the Supply & Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. OWNER hereby covenants to pay the Firm in consideration of the provision of the Supply & Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
5. This agreement shall be subject to jurisdiction of the Hon’ble High Court of Odisha and Courts at Bhubaneswar to the exclusion of all other Courts.

**IN WITNESS** whereof the parties hereto have caused this Contract to be duly executed at Bhubaneswar, Dist: Khurdha, Odisha in accordance with the prevailing laws CGon the day, month and year indicated above.

**For & on behalf of OWNER:**

Name:.....

Designation: .....

Signed by \_\_\_\_\_ (Authorized official of the M/s OPTCL)

**For & on behalf of the Firm:**

Name:.....

Designation:.....

Signed by \_\_\_\_\_ (Authorized official for the M/s .....)

**In the Presence of**

1. Witness – 1  
(Name & Address)

2. Witness – 2  
(Name & Address)

1. Witness – 1  
(Name &Address)

2. Witness – 2  
(Name & Address)

## **NON - DISCLOSURE AGREEMENT**

---

(To be filled on non-judiciary stamp paper)

This Agreement is effective till dated\_\_\_\_\_, between Odisha Power Transmission Corporation Ltd. having its office at Janpath Road, Bhubaneswar-751022 and M/s\_\_\_\_\_, having its offices at \_\_\_\_\_. The purpose of this agreement is preventing the unauthorized disclosure of Confidential Information as defined below. The parties agree to enter into a confidential relationship with respect to the disclosure of certain proprietary and confidential information.

### **OPERATIVE PROVISIONS**

1. In consideration of the disclosure of Proprietary Information by the Disclosing Party, the Receiving Party hereby agrees:
  - a. To hold the Proprietary Information in strict confidence and to take all reasonable precautions to protect such Proprietary Information (including, without limitation, all precautions the Receiving Party employs with respect to its own confidential materials)
  - b. Not to disclose any such Proprietary Information or any information derived therefrom to any third person
  - c. Not to make any use whatsoever at any time of such Proprietary Information except to evaluate internally its relationship with the Disclosing Party
  - d. Not to copy or reverse engineer any such Proprietary Information.
2. The Receiving Party shall procure that its employees, agents and sub-contractors to whom Proprietary Information is disclosed or who have access to Proprietary Information sign a nondisclosure or similar agreement in content substantially similar to this Agreement.
3. Without granting any right or license, the Disclosing Party agrees that the foregoing shall not apply with respect to any information after ----- years following the disclosure thereof or any information that the Receiving Party can document
  - a. is or becomes (through no improper action or inaction by the Receiving Party or any affiliate, agent, consultant or employee) generally available to the public, or
  - b. was in its possession or known by its prior to receipt from the Disclosing Party as evidenced in writing, except to the extent that such information was unlawfully appropriated, or
  - c. was rightfully disclosed to it by a third party, or
  - d. was independently developed without use of any Proprietary Information of the Disclosing Party. The Receiving Party may make disclosures required by law or court order provided the Receiving Party uses diligent reasonable efforts to limit disclosure and has allowed the Disclosing Party to seek a protective order.

4. Immediately upon the written request by the Disclosing Party at any time, the Receiving Party will return to the Disclosing Party all Proprietary Information and all documents or media containing any such Proprietary Information and all copies or extracts thereof, save that where such Proprietary Information is a form incapable of return or has been copied or transcribed into another document, it shall be destroyed or erased, as appropriate.
5. The Receiving Party understands that nothing herein requires the disclosure of any Proprietary Information or requires the Disclosing Party to proceed with any transaction or relationship.
6. The Receiving Party further acknowledges and agrees that no representation or warranty, express or implied, is or will be made, and no responsibility or liability is or will be accepted by the Disclosing Party, or by any of its respective directors, officers, employees, agents or advisers, as to, or in relation to, the accuracy or completeness of any Proprietary Information made available to the Receiving Party or its advisers; it is responsible for making its own evaluation of such Proprietary Information.
7. The failure of either party to enforce its rights under this Agreement at any time for any period shall not be construed as a waiver of such rights. If any part, term or provision of this Agreement is held to be illegal or unenforceable neither the validity, nor enforceability of the remainder of this Agreement shall be affected. Neither Party shall assign or transfer all or any part of its rights under this Agreement without the consent of the other Party. This Agreement may not be amended for any other reason without the prior written agreement of both Parties. This Agreement constitutes the entire understanding between the Parties relating to the subject matter hereof unless any representation or warranty made about this Agreement was made fraudulently and, save as may be expressly referred to or referenced herein, supersedes all prior representations, writings, negotiations or understandings with respect here to.
8. This Agreement shall be governed by the laws of the jurisdiction Odisha High Court, Cuttack and the parties agree to submit disputes arising out of or in connection with this Agreement to the non-exclusive of the courts in the Territory.

**[Disclosing Party]**

**[Receiving Party]**

By: Chief General Manager (IT), OPTCL

By: \_\_\_\_\_

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Address: \_\_\_\_\_

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

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

**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, Installation & Maintenance support of Network Items for OPTCL-GRIDCO-SLDC Wide Area Network (OGS-WAN) 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 03% 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 there under 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”)**

Sl. No	PARTICULARS	TYPE	DETAILS
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.**

**Annexure-I****Buyback item List:**

<b>SL NO</b>	<b>Description</b>	<b>Quantity</b>
1	CISCO Switch (WS-C4507RE)	2
2	CISCO Switch (WS-C3560G)	8
3	CISCO Firewall (ASA5510-API10-K9)	1
4	CISCO Firewall(ASA5520-API20-K9)	2
5	CISCO Router-1841	111
6	CISCO Router-3485	1
7	CISCO Switch-2960G-48	7
8	HP proliant-DL380G7	2
9	HP proliant-DL160G6	1
10	HP Proliant-DL120G6	1
11	E1 Fiber Converter Pair	6
12	CISCO Switch-2960-24TCL	40
13	ASMiV.35 Modem Pair	106
14	CISCO Router-2811	7
15	CISCO Switch-2960-8TCL	18
16	Switch Linksys 8portSRW208	76
17	Fiber SFP Module	84
18	CISCO Switch-WS-C4503E-24port	1
19	CISCO Switch-WS-2960G-48TCL	1
20	CISCO Switch-WS-C2960G-24TCL	3
21	CISCO Firewall-ASA5510	1
22	CISCO Router-2811	1
23	CISCO Switch-WS-C20960G-24port	3
24	CISCO Switch-WS-C296028TCL	7
25	CISCO Switch-WS-C4503	1
26	Fiber SFP Module	26

## e-Tender : Up gradation of OGS-WAN

### Annexure-II

#### Location List:

SI No.	LOC IND	Name of the Location	Router	24 port L2 Switch	48 port L2 Switch	MM SFP Module
1	HO	HO Finance -PGCIL-ULDC-10MB-Switch		1		1
2	HO	HO Finance switch 1(Network Room) main			3	6
3	HO	HO Finance switch 2(Network Room) Room 40		1	1	4
4	HO	HO Finance ODSSP		1		
5	HO	HO Finance ZITC, Bhubaneswar		1		
6	HO	HO CMD-Dir-4thFL-Switch			1	2
7	HO	HO IT-Switch 1			3	2
8	HO	HO IT-Switch 3- Ex-LAN1 (Library Room)		1		1
9	HO	HO HRD- Switch-2nd FL			2	2
10	HO	HO CPC-Switch-1st FL		1	1	2
11	HO	HO Corporate Planning- Switch			1	2
12	HO	Training Branch LAN Ext. from Civil Circle		1		2
13	HO	HO Technical Building		2	3	2
14	GRIDCO	Gridco-DC-Switch-LAN1		1	2	
15	GRIDCO	Gridco-GroundFL-Switch-EX-LAN1			2	
16	GRIDCO	Gridco Trading Cell		1		
17	GRIDCO	Gridco Finance Room 1St floor		1		
18	GRIDCO	Gridco CGM (Finance)		1		
19	GRIDCO	Gridco DMU		1		
20	GRIDCO	Gridco First Floor (Harapriya)		1		
21	GRIDCO	Gridco CMD Room		1		
22	GRIDCO	Gridco PK Sahoo Room		1		
23	SLDC	SLDC-DC Switch-LAN1			1	4
24	SLDC	SLDC-DC Switch-LAN2			1	

**e-Tender : Up gradation of OGS-WAN**

25	SLDC	SLDC-2ndFL Switch-LAN3			1	
26	SLDC	SLDC- GroundFL Switch-LAN4			1	
27	SLDC	ZITC SLDC (Radio Room)	2	1		2
<b>O&amp;M Narendrapur Zone - I</b>						
28		Sr. G.M. - Zone-I Berhampur		1		2
29		Construction Div.- I , Berhampur		1		2
<b>O&amp;M Circle Jeypore</b>						
30		O&M Circle Jeypore	1	1		2
31		Telecommunication Division,Jeypore,	1	1		1
32		Line S/D Jaypore		1		1
<b>O&amp;M Division Jaynagar</b>						
33		132/33KV S/S, Tentulikhunti	1	1		
34		220/132/33KV S/S, Jayanagar	1	1		4
35		EHT Const. Div. - VII, Jeypore-LAN1		1		2
36		EHT (O&M) Division, Jeypore-LAN2		1		2
37		32/33KV S/S, Sunabeda	1	1		
38		132/33 KV TL S/S S/D Dabugaon	1	1		
39		132/33 KV TL S/S S/D Umarkot	1	1		
40		132/33 KV TL S/S S/D Potangi	1	1		
41		E&MR S/D, Jayanagar		1		2
<b>O&amp;M Division Theruvali</b>						
42		32/33KV S/S, Akhusingi	1	1		
43		132/33KV S/S,Paralakhemundi	1	1		
44		132/33/11KV S/S, Rayagada	1	1		2
45		E&MR Division, Rayagada-LAN1		1		2
46		EHT Stores Division, Rayagada-LAN2		1		1
47		220/132/33KV S/S, Theruvali	1	1		1
48		EHT (O&M) Division, Theruvali-LAN1		1		1
49		220/132 KV TL S/S S/D Laxmipur	1	1		

**e-Tender : Up gradation of OGS-WAN**

50	Construction S/D, Rayagada		1		
	<b>O&amp;M Division Malkanagiri</b>				
51	O&M Division Malkanagiri		1		
52	220/132/33KV S/S, Balimela	1	1		
53	132/33 KV S/S, Malkanagiri	1			
	<b>O&amp;M Circle Berhampur</b>				
54	EHT (O&M) Cir. Berhampur	1	1		1
55	EMR Div. Berhampur- LAN1		1		1
	<b>O&amp;M Division Berhampur</b>				
56	132/33KV S/S, Digapahandi	1	1		
57	132/33KV S/S, Mohana	1	1		
58	132/33 S/S Barhampur	1	1		
59	ZITC Berhampur- LAN1		1		4
60	EHT(O&M) Div. Bam-EX LAN1		1		1
61	Telecom Div. Bam- EX-LAN2		1		1
62	220/132/33 KV S/S Narendrapur	1	1		1
	<b>O&amp;M Division Bhanjanagar</b>				
63	132/33/11kv. s/s. Aska	1	1		
64	132/33KV S/S, Phulbani	1	1		
65	220/132/33kv s/s. Bhanjanagar	1	1		2
66	EHT (O&M) Div. Bhanjanagar-LAN1		1		2
67	E & MR Sub-Division, Bhanjanagar		1		1
	<b>O&amp;M Division Chhatrapur</b>				
68	132/33KV S/S, Chatrapur	1	1		1
69	O & M Div. Chatrapur - LAN		1		1
70	132/33KV S/S, Ganjam	1	1		
71	132/33KV S/S, Balugaon	1	1		
72	132/33 KV TL S/S S/D Purusottampur	1	1		
	<b>O&amp;M Meramundali Zone - II</b>				
<b>73</b>	Sr. G.M. Office, Meramundali			1	4

**e-Tender : Up gradation of OGS-WAN**

<b>O&amp;M Circle Balesore</b>					
74	EHT (O&M) Circle, Jajpur Road			1	2
75	E&MR Division, Jajpur Road			1	1
76	Telecommunication Division, Jajpur Road	1		1	1
<b>O&amp;M Division Balesore</b>					
77	EHT Const. Div. - IV, Balesore			1	2
78	132/33KV S/S Basta	1		1	
79	132/33KV S/S, Jaleswar	1		1	
80	132/33KV S/S, Soro	1		1	
81	220/132/33 S/S Balasore	1		1	2
82	ZITC Balasore(O & M Div. Bls)- LAN1			1	4
83	132 KV Swt Stn, Somanathapur,	1		1	
84	132/33 KV TL S/S S/D Bhogarai	1		1	
85	E&MR Sub-Division, Balasore			1	1
<b>O&amp;M Division Baripada</b>					
86	132/33KV S/S, Baripada	1		1	
87	32/33KV S/S, Karanjia	1		1	
88	32/33KV S/S, Rairangpur	1		1	
89	EHT (O&M) Division Baripada	1		1	
90	132/33 KV TL S/S S/D Bangriposhi	1		1	
<b>O&amp;M Division Joda</b>					
91	EHT (O&M) Division, Joda	1		1	1
92	220/132/66/33/11KV S/S, Joda	1		1	1
93	132/33KV S/S, Polasponga	1		1	
94	132/11KV S/S, Bolani	1		1	
95	132/33 KV TL S/S S/D Barbil	1		1	
96	S/s Dhenkikot	1		1	
97	Line S/D, Joda			1	1
<b>O&amp;M Division Bhadrak</b>					

**e-Tender : Up gradation of OGS-WAN**

98	O&M Division Bhadrak		1		1
99	220/132/33KV S/S, Bhadrak	1		1	1
<b>O&amp;M Circle Burla</b>					
100	ZITC Burla( O & M Div. and Cir. Burla)	1		1	2
101	EMR Div. Burla-LAN1			1	2
102	Telecommunication Division, Sambalpur, at Lopanga			1	1
<b>O&amp;M Division Burla</b>					
103	132/33KV S/S, Rairakhol	1		1	
104	132/33KV S/S, Sambalpur	1		1	1
105	EHT Const. Circle, Sambalpur-LAN1			1	1
106	132/33KV S/S, Badagarh, Sambalpur	1		1	
107	220/132/33KV S/S, Burla, Katapali	1		1	
108	132/33 Grid Substation Lopanga	1		1	1
<b>O&amp;M Division Jharsuguda</b>					
109	220/33KV S/S, Jharsuguda(Budhipadar) & O&M Div.	1		1	1
110	EHT Const. Div., Jharsuguda -LAN1			1	1
111	132/11KV S/S, Jharsuguda (Sarasmal)	1		1	1
112	EHT Store Div., Jharsuguda (Sarasmal)-LAN1			1	1
123	132/33/11KV S/S, Brajarajnagar	1		1	
124	132/33 KV TL S/S S/D Kuchinda	1		1	
<b>O&amp;M Division Rourkela</b>					
125	132/33KV S/S, Rourkela	1		1	
126	220/132KV S/S, Tarkera	1		1	1
127	EHT (O&M) Division, Rourkela-LAN1			1	1
128	132/11KV S/S, Chend	1		1	2
129	220/33KV S/S, Barkote	1		1	
130	220/33 KV Grid Substation Banei	1		1	
131	E&MR S/D, Rourkela			1	1
<b>O&amp;M Division Rajgangpur</b>					

**e-Tender : Up gradation of OGS-WAN**

132	132/33KV S/S, Rajgangpur & O&M Div.	1	1		
133	132/33KV S/S, Sundergarh	1	1		
134	132/33 KV TL S/S S/D Kalunga	1	1		
	<b>O&amp;M Division Barapali</b>				
135	220/132/33 S/s Bargarh New & O&M Division Barapali	1	1		1
136	132/33KV S/S, Barapali	1	1		
137	132/33 KV S/S Bargarh	1	1		
138	132/33 S/S Ghens	1	1		
	<b>O&amp;M Circle Chainpal</b>				
139	EHT(O&M) Circle, Chainpal, ZITC-LAN1		1		2
140	E&MR Division, Dhenkanal		1		1
	<b>O&amp;M Division Chainpal</b>				
141	132/33KV S/S, Angul	1	1		
142	220KV/33 S/S, Rengali	1	1		
143	220/132/33KV S/S, Chainpal	1	1		2
144	132/33 KV TL S/S S/D Boinda	1	1		
145	EHT (O&M) Division,Chainpal	1	1		
146	E & MR Sub-Division, Chainpal		1		1
	<b>O&amp;M Division Dhenkanal</b>				
147	132/33KV S/S, Kalarangi	1	1		
148	132/33/11KV S/S, Dhenkanal	1	1		
149	132/33KV S/S, Kamakhyanagar	1	1		
150	132/33 KV TL S/S S/D At Kharagaprasad	1	1		
151	EHT (O&M) Division,Dhenkanal	1	1		
152	132/33 KV TL S/S S/D Khajuriakata	1	1		
	<b>O&amp;M Division Meramundali</b>				
153	400/220/132KV S/S, Meramundal	1	1		1
154	Meramundali-SGM-Switch-LAN1			1	4
155	Meramundali-TEL-Switch-LAN2		1		1

**e-Tender : Up gradation of OGS-WAN**

156	EMR Div. Meramundali - LAN-3		1		1
<b>O&amp;M Circle Bolangir</b>					
157	O&M Circle Bolangir		1		1
158	E&MR Division Bolangir	1			1
159	Telecom Div. Bolangir	1			1
<b>O&amp;M Division Bolangir</b>					
160	132/33KV S/S, Bolangir(Old)Laltikra	1	1		3
161	EHT (O&M) Division, Bolangir(Old)-LAN1		1		1
162	132/33KV S/S, Sonapur	1	1		
163	132/33KV S/S, Patnagarh	1	1		
164	220/132/33KV S/S, Bolangir-New-Sadeipali	1	1		1
165	EHT Const. Division, Bolangir-LAN1		1		1
166	132/33 KV TL S/S S/D Boudh	1	1		
167	132/33 KV TL S/S S/D Tusura	1	1		
168	E&MR S/D, Bolangir		1		1
<b>O&amp;M Division Kesinga</b>					
169	132/33KV S/S, Kesinga	1	1		2
170	EHT (O&M) Division, Kesinga-LAN1		1		1
171	132/33KV S/S, Junagarh	1	1		
172	132/33KV S/S, Saintala	1	1		
173	132/33 KV TL S/S S/D Bhawanipatna	1	1		
174	E&MR Sub-Division, Kesinga		1		1
<b>O&amp;M Division Nuapada</b>					
175	O&M Division Nuapada		1		1
176	132/33KV S/S, Khariar	1	1		
177	132/33 KV TL S/S S/D Padmapur,	1	1		
178	220/33 Grid S/s Nuapada	1	1		1
179	132/33 S/s Kantabanji	1	1		
<b>O&amp;M Division Bhubaneswar</b>					

**e-Tender : Up gradation of OGS-WAN**

180	O&M Circle Bhubaneswar at Chandak		<b>1</b>		
181	EHT(O&M) Div. - LAN Ext. from Civil Circle		1		1
182	132/33 S/S Mancheswar		1		2
183	132/33KV S/S, Ranasinghapur	1	1		
184	220/132/33KV S/S, Chandaka (OPGW)	1	1		1
185	132/33KV S/S, Kesura, Baragada, Bhubaneswar	1	1		
186	220/132/33KV S/S, Chandaka-B	1	1		
187	220/33 Grid substation Infocity II	1	1		
188	132/33 S/S Mancheswar GIS	1	1		
189	Stores Sub-Division, Manchswar		1		1
	<b>O&amp;M Division Khurda</b>				
190	O&M Division Khurda		1		1
191	132/33KV S/S, Khurda	1	1		
192	132/33KV S/S, Nayagarh	1	1		
193	132/33 KV TL S/S S/D, Chandpur	1	1		
194	132/33 KV TL S/S S/D, Arugul	1	1		
195	132/33 KV TL S/S S/D, Banki	1	1		
196	220 KV TL S/S S/D, Atri	1	1		
	<b>O&amp;M Division Puri</b>				
197	132/33KV S/S, Nimapara	1	1		
198	132/33KV S/S, Puri	1	1		1
199	O & M Div. Puri - LAN		1		1
200	132 KV Konark	1	1		
201	132 KV S/S, Samuka	1	1		
202	220 KV S/S, Samnghara	1	1		
	<b>O&amp;M Division Mendhasal</b>				
203	O&M Division Mendhasal		1		1
204	400/132/33KV S/S, Mendhasala (OPGW)	1	1		1
	<b>O&amp;M Circle Cuttack</b>				

**e-Tender : Up gradation of OGS-WAN**

205	EHT (O&M) Circle, Cuttack (Gorakabar)			1	1
206	E&MR Division Cuttack	1	1		1
207	Telecom Division Cuttack	1	1		1
	<b>O&amp;M Division Choudwar</b>				
208	ICCL (Choudwar)	1	1		
209	132/33KV S/S, Nuapatana	1	1		
210	132/33/11KV S/S, Choudwar	1	1		1
211	EHT (O&M) Division, Choudwar-LAN1		1		3
212	132/33KV S/S, Salepur	1	1		
213	132/33 KV TL S/S S/D Mania Tangi	1	1		
214	E&MR Sub-Division, Choudwar		1		1
215	Stores Sub-Division, Choudwar		1		1
	<b>O&amp;M Division Cuttack</b>				
216	132/33KV S/S, Cuttack (Balisahi)	1	1		
217	132/33KV S/S, Jagatsinghpur	1	1		
218	132/33KV S/S, Phulanakhara	1	1		
219	220/132/33KV S/S, Bidanasi	1	1		1
220	EHT Construction Div. - III, Cuttack-LAN1		1		1
221	O&M Div. Cuttack, Badambadi	1	1		1
	<b>O&amp;M Division New Duburi</b>				
222	400/220 S/S, Duburi(New)	1	1		1
223	O & M Div Dubari - LAN		1		1
	<b>O&amp;M Division Paradeep</b>				
224	132/33KV S/S, Paradeep	1	1		1
225	O & M Div. Paradeep - LAN		1		1
226	132/33KV S/S, Kendrapara	1	1		
227	132/33KV S/S, Pattamundai	1	1		
228	132/33KV S/S, Chandikhole	1	1		
229	132/33 Marshaghai	1	1		

**e-Tender : Up gradation of OGS-WAN**

230		132/33 Grid Substation, Olavar	1	1	
231		132/33 S/s Tritol	1	1	
		<b>O&amp;M Division Jajpur Road</b>			
232		132/33KV S/S, Jajpur Road	1	1	4
233		EHT (O&M) Division, Jajpur Road-LAN1		1	1
234		132/33KV S/S, Jajpur Town	1	1	
235		132/33KV S/S, Anandpur	1	1	
236		220/132/33KV S/S, Duburi(old)	1	1	
237		132/33 S/S B C Mohanty	1	1	
238		E&MR Sub-Division, Jajpur Road		1	1
239		Construction Sub-Div(Duburi), Jajpur Road		1	1
240		Telecom Sub-Division, Jajpur Road		1	1
241		EHT Const. Cir. & SubDiv , Bhubaneswar	1	1	1
242		EHT Cost. Div. - Bhubaneswar		1	1
243		EHT Const. S/D - I, Mancheswar		1	
244		EHT (Const) Circle,Jajpur Road	1	1	1
245		EHT Construction Div. - VI, Angul	1	1	1
246		EHT (Const) Div. - V, Keonjhar	1	1	1
		<b>EHT Construction Zone - II, Sambalpur</b>			
247		EHT Const. Zone - II, Sambalpur			
248		EHT Const. Circle, Rayagada		1	1
249		EHT Const. Div. - VIII, Rayagada		1	1
		EHT Const. Circle, Sambalpur			
250		EHT Stores S/D Banarpal,	1	1	
251		Civil Works Div., Bhubaneswar	1	1	1
252		Civil Works Division, Burla	1	1	1
253		Civil Work Cir.- Switch- LAN from CP Bld Network		1	2
		<b>New Grid S/s till March 2022</b>			
1	New	Grid S/S Tusara (Near Saintala)	1	1	

**e-Tender : Up gradation of OGS-WAN**

2	New	Grid S/S Muniguda	1	1		
3	New	Grid S/s Podagada	1	1		
4	New	132/33 KV S/S Khuntuni (Near Athagarh)	1	1		
5	New	220/33KV S/S Keonjhar	1	1		
6	New	220/33 KV S/S Narshingpur, Badamba	1	1		
7	New	GIS S/S, Unit-8 Bhubaneswar	1	1		
8	New	132/33 KV S/S Satasankha Puri	1	1		
9	New	220/132/33 KV S/S Goda Chhak (Near Bhuban)	1	1		
10	New	132/33 KV S/S Chandbali	1	1		
11	New	132/33 KV S/S Betanati (Balesore)	1	1		
12	New	132/33 KV S/S Agarpada (Balesore)	1	1		
13	New	220/132/33KV S/S Aska	1	1		
14	New	132/33KV S/S Chikiti	1	1		
15	New	132/33KV S/S R.Udaygiri	1	1		
16	New	400/220KV Meramundali B	1	1		
17	New	220/33KV S/S Kashipur (Rayagada)	1	1		
18	New	220/132/33KV S/S Jayapatna	1	1		
19	New	220/33KV Deoghar	1	1		
20	New	132/33KV Borigumma	1	1		
21	New	220/132/33KV S/s Pratap Sasan	1	1		
22	New	132/33 KV S/s Maneswar	1	1		
23	New	132/33KV S/s Mancheswar-B (GIS)	1	1		
24	New	132/33KV S/s Birmaharajpur	1	1		
25	New	220KV Gunupur S/s	1	1		
26	New	220KV Turumunga S/s	1	1		
27	New	220KV Kesinga S/s	1	1		
28	New	220 KV Kalimela S/s	1	1		
29	New	220KV Dhamara S/s	1	1		
30	New	220KV Baliguda S/s	1	1		

### e-Tender : Up gradation of OGS-WAN

31	New	220KV Kuanrmunda S/s	1	1		
32	New	220KV Lephripada S/s	1	1		
33	New	220KV Telkoti S/s	1	1		
34	New	220KV BalichandpurS/s	1	1		
35	New	220KV Bamra S/s	1	1		
36	New	220KV Daspalla S/s	1	1		
37	New	220KV Kiakata S/s	1	1		
38	New	220KV Godisahi S/s	1	1		
39	New	220KV KantabadaS/s	1	1		
40	New	132KV G.Udayagiri S/s	1	1		
41	New	132KV Hinjili S/s	1	1		
42	New	132KV Bhatali S/s	1	1		
43	New	132KV Nabarangpur S/s	1	1		
44	New	132KV Lamptaput S/s	1	1		
45	New	132KV Hirakud S/s	1	1		
46	New	132KV Lakhapur S/s	1	1		
47	New	132KV Thupalli S/s	1	1		
48	New	132KV Rajnagar S/s	1	1		
49	New	132KV Goinda S/s	1	1		
50	New	132KV Chandipur S/s	1	1		
51	New	132KV Bhugram S/s	1	1		
52	New	400KV NewDuburi S/s	1	1		