

e-Tender for Procurement of IT Items for OPTCL.



ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Govt. of ODISHA Undertaking)

Registered Office: Janpath, Bhubaneswar – 751022

TENDER NOTICE No. TW-IT/OT/07/2016-17

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 Procurement of IT Items for OPTCL confirming to the terms and conditions mentioned as follows.

The interested eligible bidders may visit our website www.optcl.co.in on or after 06-12-2016, 10:00 Hrs. to go through / download the scope of supply and terms and conditions in detail. The techno-commercial bid shall be due on dated 26-12-2016, 13.30 Hrs.

The interested bidders would be required to enroll themselves on the tender portal www.tenderwizard.com/OPTCL. Complete set of bidding documents are available at www.tenderwizard.com/OPTCL from 06-12-2016, 10:00 Hrs. up to 26-12-2016 (13.30 Hrs).

Interested bidders may visit OPTCL's official web site <http://www.optcl.co.in> and www.tenderwizard.com/OPTCL for detail specification.

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

Chief General Manager (IT)

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SECTION- I

GENERAL INFORMATION TO BIDDERS

The prospective bidders are advised to register their user ID, Password, company ID from website www.tenderwizard.com/OPTCL by clicking on hyper link “Register Me”.

1. Submission of Bids: -

The bidder shall submit the bid in Electronic Mode only i.e www.tenderwizard.com/OPTCL. The bidder must ensure that the bids are received in the specified 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 collect the Bids in physical form will be entertained by the OPTCL.

The participants to the tender should be registered under IT Act / Finance tax Act,1994.

1. The Bidder must possess Compatible Digital Signature Certificate (DSC) of Class-III.
2. Contractors / Vendors / Bidders / Bidders are requested to follow the below steps for Registration:
 - a. Click “Register”, fill the online registration form.
 - b. Pay the amount of Rs. 2300/- online by Debit card/Credit card/ Net Banking. This registration is valid for two years.
 - c. Send the acknowledgment copy for verification.
 - d. As soon as the verification is being 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 has been received after registration and acquisition of DSCs.
4. If any Bidder wants to participate in the tender he will have to follow the instructions as given below:
 - a) Insert the PKI (which consist of your Digital Signature Certificate) in your System.
 - a. (Note: Make sure that necessary software of PKI be installed in your system).
 - b. Click / Double Click to open the Microsoft Internet Explorer (This icon will be located on the Desktop of the computer).
 - c. Go to Start > Programs > Internet Explorer.
 - d. Type www.tenderwizard.com/OPTCL in the address bar, to access the Login Screen.
 - e. Enter e-tender User Id and Password, click on “Go”.
 - f. Click on “Click here to login” for selecting the Digital Signature Certificate.

- g. Select the Certificate and enter DSC Password.
- h. 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.

2. The Bidding Process & Schedule

a.	Type of Bidding	Two-part bidding
b.	<p>The tender,</p> <p>Bidder Participation</p> <p>Bidding process</p>	<p>This tender no.TW-IT/OT/07/2016-17 consists of one Schedule.</p> <p>The interested eligible bidders, have to submit their bids for all items of the schedule. The bidders can view the tender documents from website www.optcl.co.in or www.tenderwizard.com/OPTCL free of cost.</p> <p>The bids have to be submitted online in www.tenderwizard.com/OPTCL site as per the clause 5. “Manners to submit “ the bid below.</p> <p>The bids which are not out-rightly rejected as per the clause 4.1 below are then scrutinized for meeting the qualifying criteria.</p> <p>The bidders who qualify as above are then evaluated on the basis of price quote. The Successful Bidder (SB) based on L1 prices shall address the supply contract.</p> <p>It is the sole discretion of the purchaser in the interest of OPTCL to select L1 bidder, for each of Item, or L1 bidder for all the items together.</p>
c.	Amendment to Bidding Document	<p>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. Any addendum / modification / errata / corrigendum issued shall be part of the bidding document and shall be hosted in OPTCL’s website/e-tender portal. The bidder shall visit the e-tender portal of OPTCL for any addendum / modification / errata / corrigendum etc.</p>

d.	Withdrawal, substitution and Modification of Bids	<p>No Bid shall be withdrawn, substituted, or modified after the deadline for submission of bids.</p> <p>However, a Bidder may withdraw, substitute, or modify its Bid under the following situation</p> <ol style="list-style-type: none"> 1. After expiry of the bid validity period as per ITB. 2. Any material changes to the scope of work after submission of bid document. 3. Any material changes in the bidding documents after submission of bid document. 4. If the due date of the submission has been extended by the OPTCL after submission of bid document.
e.	Tender Documents	<p>The bidders can view the tender documents from website www.optcl.co.in and the tender portal www.tenderwizard.com/OPTCL free of cost.</p>
f	Tender Cost	<p>₹ 10,500/- (non-refundable) including VAT@5%.</p>
g	Mode of Payment of Tender cost	<p>Demand Draft in favor of DDO Hqrs OPTCL Bhubaneswar payable at Bhubaneswar. The DD must be issued by a nationalized bank on or before the last date for submission of bidding documents.</p>
h	Tender Processing Fee	<p>Tender processing fee of ₹ 5750/-(5000 + Service Tax 15%) may be made by Debit Card / Credit Card / Net Banking in www.tenderwizard.com/OPTCL or DD in favour of KSEDC Ltd Payable at Bangalore Bidders shall have to submit acknowledgement of paying if paid online.</p>
i	EMD*	<p>The tender shall be accompanied by Earnest Money deposit of Rs. 3.72 lakhs only. Tenders without this required EMD will be rejected out rightly.</p>

j.	Mode of EMD	All bids must be accompanied by a bid security (EMD) of amount as mentioned at 2. i. above, along with the technical Bid. Bid security can be submitted by a crossed bank draft/pay order drawn in favor of “ The Drawing and Disbursing Officer, Head Quarters, OPTCL, Bhubaneswar” or through Bank Guarantee from any Nationalised/Scheduled Bank as per the format enclosed.
k.	Submission of EMD/Tender Cost/ Tender Processing Fee	Please see documents to attach, at 5. below
l.	Date and time of commencement of downloading of bidding documents	06-12-2016, 10:00 Hrs
m.	Last date and time of downloading/closing of bidding documents	26-12-2016, 13:00 Hrs
n.	Last date and time of submission of bid documents	26-12-2016 15:30 Hrs
o.	Pre-Bid Meeting and Date of Pre-Bid Meeting	Only the Bidders who are eligible, seriously interested, submit their queries if any on this pre-bid meeting Date and time viz ., 15-12-2016 16:00 Hrs
p.	Time of opening of Techno- Commercial bids	27-12-2016 15:30 Hrs.
q.	Time of opening of Price bids	Will be intimated later
r.	Place of Opening of Bids	3 rd Floor Conference Hall OPTCL Building OPTCL Janpath Bhubaneswar or Online through e-tender portal
s.	Address for communication	Chief General Manager (IT), 3rd Floor, OPTCL Tower, OPTCL, Janpath, Bhubaneswar – 751022 infotech@optcl.co.in

In the event of the date specified for bid receipt, opening being declared as a holiday for purchaser's office, the due date shall be shifted to next immediate working day at the appointed time and place.

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

3. Scope of Work: - Supply, Installation & Commissioning

The **Scope of work** includes the Supply, Installation, Commissioning of the IT items with Technical specifications mentioned at Schedule - I. The end of life of all the IT Hardware items quoted by the bidder should be a minimum Six(6) years from the bid submission date.

3.1 Outright Rejection, Qualifying Requirements

The documents uploaded and / or submitted as per the clause 5. **“Manner to submit the bid”** shall form the basis for scrutinizing for Outright Rejection & Qualifying Requirements

3.1.1 OUT RIGHT REJECTION CRITERIAS :

The bids shall be summarily rejected if the following requirements are not met.

Sl	Requirement
1.	Tenders shall be complete in all respects and submitted through e-tender mode and tenders submitted by any other mode shall not be entertained.
2.	The Tenders should be kept valid for a period of 180 days from the date of submission of bids for this the bid form mentioned at Schedule-A has to be submitted
3.	The Tender shall be accompanied by Earnest Money Deposit of value and mode specified at 2.0 Bidding Process & Schedule above
4.	Tenderer must have submitted the tender paper cost as per the instruction at 2.0 above
5.	Must submit Tender Processing Fee as stated in Section 1 of clause 2.h
6.	The schedule of prices should be filled up fully carefully to indicate the break-up of prices including taxes and duties. (Section – V of Schedule D) .
7.	In addition to that mentioned at clause 2.b Section-I, the bidder must quote for all the items. Technical Compliance sheet submitted for all the items in the chosen schedule / schedule shall be the basis. Bidders not quoting for all the items, shall be deemed non- responsive / incomplete bid.

3.1.2 Qualifying Requirement

Price Evaluation of Techno-commercial Bids shall be taken up only in respect of Bidders who fulfill the Qualifying Requirements.

The bidders should have / possess the following qualifications / experience.

Sl	Requirement
1	The bidder should provide copy of OEM's Authorized Partner / Retailer Certificate for all IT H/W, S/W items quoted (except the items for which the bidder itself is the OEM) along with the bid. The bidder should submit a declaration, by OEMs as a mandatory requirement that the quoted H/W items shall not be outdated within 6(six) years of supply and that OEM renders necessary spares support.
2	Bidder shall be financially sound and must not be anticipating any ownership change for three years from bid submission. An undertaking to this effect shall be submitted by the Bidder.
3	The bidder shall give an undertaking as a part of this contract to provide technical configuration, consultancy and guidance at no extra cost to OPTCL for proper configuration and integration of H/W or S/W items.
4	The Bidder should be a certified ISO 9001-2000, 2008 etc.
5	For all items the bidder must have full-fledged service center at Bhubaneswar equipped with spare stock and certified manpower. The bidder must have a office since last 5 years at Bhubaneswar.
6	The tenders should be kept valid for a period of 180 days from the date of opening of the tender as notified in the tender notice failing which the tenders will be rejected.
7	Should submit audited Annual Accounts for last three financial years 2013-14, 2014-15, 2015-16.
8	Delivery & Installation Schedule must be agreed upon
9	The annual turnover of the bidder in each FY 13-14,14-15,15-16. As per Audited Financial Statement should not be less than Rs. 30 crore.
10	Experience of minimum 3 nos of similar projects in 13-14,14-15,15-16.
11	Minimum Order value of Rs. 3.0 crore in supply and installation of similar items with a government / PSU / autonomous public body, in a single order.

3.2 Manner to submit the bid

(A) Hard Form of Documents (In Original): Timely Submission of the Documents is the sole responsibility of the bidder

The following documents shall be furnished in original in a sealed envelope in the office of the undersigned on or before the last date and time of submission of tender.

- DD towards Tender Cost, DD/BG towards EMD and DD towards Tender Processing

Fees/ Documentary proof of payment of Tender Processing Fees through e-payment mode.
DDs / Bankers Cheque must be issued on or before the last date of submission of Tender

- Authentic copy of registration Certificate as MSE unit if any, for claiming 50% EMD exemption.
- Power of Attorney notarized copy for signing the bid document if any.

(B.) Scanned Copies to be uploaded in .pdf format

All the supporting documents as below are to be signed and scanned, then uploaded in the tenderwizard.com.

All the supporting documents as below are to be signed and scanned, then uploaded in the tenderwizard.com. Attach name must be as mentioned as given below

Attachments	Document / Description
doc1	Bid Declaration Form SCHEDULE-B
doc2	Earnest Money Deposit (EMD) DD / Bank certified cheque/ Bank Guarantee as the case may be from any Nationalized / Scheduled Commercial Bank, DD Towards tender paper cost and tender processing due.
doc4	Manufacturers Authorization form on prescribed Schedule-C
doc5	OEM's declaration <i>that the equipment shall not be outdated for six(6) years and for necessary spare support to ASI.</i>
doc6	Copies of certified auditor statement on Annual Turnover and Audited Financial Statement (BS, PL) for last 3 years 2013-14, 2014-15,2015-16
doc8	An undertaking that there will be no ownership change for three years from bid submission
doc9	a) Constitution or legal status, Certificate of Incorporation and principal place of business; b) written power of attorney of the signatory of the bid to commit the bidder if any
doc10	Detail of maintenance and support infrastructure at Bhubaneswar
doc11	Information regarding any current litigation in which the bidder is involved, the parties concerned, and disputed amount; Declaration to be
doc12	Declaration to provide technical consultancy and guidance at no extra cost to OPTCL for proper configuration and integration with OPTCL IT System
doc13	Valid certificate like ISO 9001-2000, 2008
doc14	Technical Deviation Statement if any as per "Deviations" title in the format described in Schedule-E
doc15	Price Schedule (Section-V)
doc16	Photo copy of PAN, Service Tax Regn. Certificate.
Doc17	Attested copy of TIN / CST
Doc18	All the required / relevant schedules of this tender including Schedule D
Doc19	Duly filled,Signed, Stamped with official stamp on the specification Compliance table at Section. IV

(C) KEY-IN on the Schedules (.XLS) in the Tender Portal:

Following are the schedules in .XLS format to be downloaded, filled in and uploaded by the Bidder as per the OWNER format in the www.tenderwizard.com/OPTCL portal.

1. File Name: Technocommercilsheet.xls

Sl.	Particulars	Sheets in .XLS format
1.	Bidders information	Sheet-I
2.	Acceptance of Important Terms and Conditions	Sheet-II
3.	Techno-commercial Schedule	Sheet-III
4.	Make & Model Declaration	Sheet-IV

2. File Name : TenderPriceSchedule.xls

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 .

N.B

Notwithstanding anything stated above, OPTCL reserves the right to review the Bidder's capability and capacity to perform the contract at the time of award and reserves the right to accept or reject any or all tenders without assigning any reason thereof.

On request, original documents should be produced by the bidder failing which the tender would be deemed unresponsive hence incomplete.

* * * * *

SECTION : II

INSTRUCTIONS TO BIDDERS

- a. Bidders are expected to fully conversant with the meaning of all the clauses of the Bid document before submitting their tenders. In case of doubt regarding the meaning of any clause the Bidder may ask clarification in writing, before submitting the bid before the due date in much advance, from the Chief General Manager (IT), 3rd Floor, O P T C L Building, Janpath, Bhubaneswar - 751022, infotech@optcl.co.in. This however, does not entitle the bidder to ask for time beyond due date fixed for techno commercial bid or due date as may be fixed by Purchaser for Financial Bid.
- b. Conditional offers shall not be accepted
- c. The tenderers or their authorized representatives (limited to one person) may be present, at the time of opening the bids.
- d. After opening of the techno-commercial bid if some modification of specification is agreed upon by OPTCL the same shall be published in the OPTCL website.
- e. If necessary the bidder may be requested to revalidate the tender after expiry of the validity period under the same terms and conditions as per original bid except any change in the delivery period. In such an event, the bidders are free to change any or all conditions of their bids including price at their own risk.

If the bidder does not revalidate the tender, the tender shall stand rejected and E.M.D. deposited shall be forfeited.
- f. The bidder's deviations if any should be clearly indicated giving full justifications for such deviation in a separate sheet(s) under Schedule-F.
- g. Over writing shall be avoided. Erasures and other changes shall bear the dated initial of the person signing the tender along with company seal.
- h. In the event of discrepancy or arithmetical error in the schedule of price, the decision of the Purchaser shall be final and binding on the Bidder.
- i. For evaluation, the price mentioned in words shall be taken if there is any difference in figure and words in the price bid.
- j. The price bids of the technically and otherwise acceptable bids shall only be evaluated. The price bids of others (along with E.M.D. if any) shall be returned to the bidders unopened.

SECTION - III

GENERAL CONDITIONS OF CONTRACT (GCC)

1. SCOPE OF THE CONTRACT:

The **Scope of work** includes the Supply, Installation, Integration, Testing and Commissioning of the items mentioned in Section – I, at OPTCL Offices(H.Qrs. and Field offices), in Odisha.

2. DEFINITION OF TERMS:

In writing these General Conditions of Contract, the Specification and bill of quantity, the following works shall have the meanings hereby indicated unless there is something in the subject matter or contract in consistent with such constructions.

- 2.1 “The Purchaser” shall mean the ODISHA POWER TRANSMISSION CORPORATION LTD or OPTCL.
- 2.2 “The Engineer” shall mean the engineers appointed by the Purchaser for the purpose of this contract.
- 2.3 “Purchaser’s representative” shall mean any person or persons or consulting firm appointed and remunerated by the Purchaser to supervise, inspect, test and examine workmanship and materials of the equipment to be supplied.
- 2.4 “The Contractor” shall mean the Bidder whose bid has been accepted by the Purchaser and shall include the Bidders executions, administrators successors and permitted agencies.
- 2.5 “IT items” shall mean and include all machineries, apparatus, materials, articles and services to be provided with respect to items mentioned in schedule of Quantity at Clause 3. Of Section-I, under the contract by the contractor.
- 2.6 “Contract Price” shall mean the sum named in or calculated in accordance with the provisions of the contract as the “contract price” which shall include packing, forwarding freight, Insurance, Excise Duty, Sales Tax, Octroi and other taxes and duties if applicable.
- 2.7 “General Condition” shall mean these General Condition of Contract.
- 2.8 “The Specification” shall mean the specification annexed to or issued with the General Conditions and shall include the schedules and drawings attached thereto as well as all samples and pattern, if any.
- 2.9 “Month” shall mean of calendar month.
- 2.10 “Writing” shall include any manuscript, type written printed or other statement reproduced in any visible form and whether under seal or under hand.
- 2.11 “F.O.R. Destination” costs shall mean the cost of equipment and material at the

consignee's IT store, viz., AM(IT), IT Store – in-charge. The cost is inclusive of Excise Duty, Sales Tax and other local Taxes, but is inclusive of packing, forwarding and insurance & Freight charges.

- 2.12 The "term" contract shall mean & include General Conditions, Specifications, Schedules, Drawings, form of tender, covering letter, schedule of prices or the final General Condition, any special conditions applying the particular contract, specifications and drawings and agreement to be entered in.
- 2.13 Terms and condition not herein defined shall have the same meaning as are assigned to them in the Indian Contract Act, failing that in the ODISHA General Clauses Act.

3 GUIDELINES FOR THE BIDDER:

Disclaimer

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. The purchaser shall not be responsible for any misunderstanding or incorrect information obtained by the contractor other than information given to the contract in writing by the purchaser.

4 Purchaser's right to accept/reject bids:

Under the prevailing circumstances, the purchaser reserves the right to reject any or all the tenders without assigning any reasons what so ever if it is in the interest of OPTCL.

5 Right Regarding Alteration of Quantities Tendered.

The Purchaser may alter the quantities of materials/equipment at the time of placing orders.

6 Additional Quantities

The vendor shall supply the items on receipt of the Purchase order. The initial order will be supplied within the stipulated period. If required, the vendor may be additionally required to supply up to 25% of the initial ordered quantity within six months of the issue of the order without any change in the price and other terms and conditions of the original purchase order.

7 EMD

The EMD submitted shall be of proper amount and validity. No interest shall be paid on the Earnest Money Deposit. No adjustment towards EMD shall be permitted against any outstanding amount with OPTCL.

In the case of unsuccessful bidder, the EMD will be refunded immediately after the tender is decided. In the case of successful bidder, this will be refunded only after furnishing of Composite Performance Bank Guarantee referred under payment terms.

EMD will be forfeited if the bidder fails to accept the letter of intent and/or Purchase order issued in his favor.

8 Bidder's Liberty to deviate from Specification.

The bidder may deviate from the specification while quoting, if in his opinion, such deviation is better than the specified configuration and conducive to a better and more economical offer. All such deviations should however be clearly indicated giving full justifications for such deviation.

9 PATENT RIGHTS ETC:

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

10 MANNER OF EXECUTION

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

11 INSPECTIONS AND TESTING

The Purchaser or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Purchaser. The Purchaser shall notify what inspections and tests the Purchaser requires and where they are to be conducted.

The inspections and tests may be conducted on the premises of the Manufacturer or Supplier at point of dispatch. The Supplier shall provide all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

The Purchaser's right to inspect, test, and where necessary, reject the Goods after the Goods' arrival at Site shall in no way be limited or waived by reason of the Goods having previously been inspected, tested, and passed by the Purchaser or its representative prior to the Goods' shipment.

The inspection of the Goods shall be carried out to check whether the Goods are in conformity with the technical specifications attached to the contract and shall be in line with the inspection/test procedures laid down in the Technical Specifications and the General Conditions of Contract. The Purchaser may again test the items after completion of the installation and commissioning at the site of the installation.

12 DELIVERY & INSTALLATION SCHEDULE:

- a) Free delivery and installation will be arranged by the supplier, at OPTCL H.Qrs. and Field Units across Odisha, as per the consignee to be intimated in the PO.
- b) The delivery, installation and commissioning of *the items ordered, should be within 8(eight) weeks from the date of issue of Purchase Order.*

13 MANUALS AND DRAWINGS

The supplier shall provide OEM supplied user manuals, accompanying CD/DVD, Drawings.

14 DOCUMENTATION

The Supplier shall provide complete and legal documentation of all IT equipments and the associated software. The supplier shall also indemnify the purchaser against any levies/penalties on account of any default in this regard.

15 SUCCESSFUL INSTALLATION

The installation and commissioning of the items will be deemed complete only when the installation certificate is signed by the consignee of the items / user of the item.

In the event of the IT items of the Contract fails to be fully operational at the time of installation, a period not exceeding **ten days** will be given to rectify the defects and clear the installation, failing which the Purchaser reserves the rights to get the equipment replaced by the Supplier at no extra cost to the Purchaser.

16. SUPPLIER'S OBLIGATIONS

- (i) The Supplier 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.
- (ii) The Supplier 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 Supplier will pay all indemnities arising from such incidents and will not hold the Purchaser responsible or obligated.
- (iii) The Supplier is responsible for managing the activities of its personnel or sub-contracted personnel and will hold itself responsible for any misdemeanors.
- (iv) The Supplier 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.

17. SITE PREPARATIONS

The Purchaser is solely responsible for providing the storage, installation and commissioning site for the installation of IT items, compliance with the technical and environmental specifications defined by the Supplier.

18. CONTRACT'S DEFAULT LIABILITY:

[i] The Purchaser may, after 7 days of serving written notice of default by the supplier, terminate the contract in circumstances detailed hereunder.

[a] If in the judgement of the Purchaser, the supplier fails to make delivery of equipment / material within the time specified in the contract or within the period for which if extension has been granted by the Purchaser in writing in response to written request of the supplier.

[b] If in the judgement of the Purchaser, the supplier fails to comply with any of the provisions of this contract.

[ii] In the event, Purchaser terminates the contract in whole or in part as provided in Clause-18.i. a & b Section III above, the Purchaser reserves the right to purchase upon such terms and in such a manner as he may deem appropriate in relation to the equipment/material similar to that terminated and the supplier will be liable to the Purchaser for any additional costs for such similar equipment/material and/or for penalty for delay as defined in clause-27 of this section until such reasonable time as may be required for the final supply of equipment.

[iii] In the event the Purchaser does not terminate the contract as provided in clause 18(i) above, supplier shall be liable to the Purchaser for penalty for delay as set out in Clause- 27 of this section until the equipment is accepted.

19. REJECTION OF MATERIALS

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

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

20. EXTENSION OF TIME:

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

21. WARRANTY :

The vendor shall warrant all the IT items for 3 years from the date of installation of the same. In case the violation of the condition of warranty is not set right by the vendor, the Composite Bank Guarantee shall have to 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 before 3 months of the expiry of warranty period, by the vendor/bidder, otherwise OPTCL will be forced to en-cash the said Composite Bank Guarantee.

(i) The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract and all the Services configured shall render trouble free function. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the Purchaser's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.

(ii) This warranty shall remain valid for thirty-six (36) months after the Goods, 100% inspected, have been delivered, commissioned at the final destination indicated in the Contract or 40 months from the date of 100% delivery whichever is earlier. Warranty certificate shall be issued by the OEM.

(iii) The free comprehensive support during the warranty period will include the following:

a) The fault shall be rectified within 24 hours from the time of registration of the call at the OEMs call center / toll free no applicable.

b) System readjustment and/or system changing-over support on occasions of reconfiguration and/or upgrade and extensions if any.

c) The vendor shall be responsible for any defects that may arise out under normal usage due to faulty materials attached to the system, designing lacuna or poor workmanship. The vendor shall have to take immediate remedial measure for such defects at his own cost when called upon to do so by the Purchaser.

d) The vendor should also guarantee that the equipment and its accessories supplied are complete and fully compatible in every respect, and conform to technical specifications of design, material and workmanship mentioned in the quotation. The vendor should also guarantee that the equipment and its accessories supplied would perform satisfactorily as per requirements mentioned in the specification.

e) Any update/enhancement/upgrade to firmware etc. released till the completion of warranty shall be supplied, installed and commissioned free of cost by the bidder, irrespective of whether or not OEM charges for the same.

(f) Helpdesk, technical guidance on usage of features and functionality, problem solving and troubleshooting, rectification of bugs, enabling, and features of the software already provided.

(iv) If any equipment gives continuous trouble, say six times in one month, during the warranty period, the Supplier shall replace the equipment with new equipment without

any additional cost to the Purchaser.

22. PRICE:

- (i) Bidders are 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.
- (ii) **All prices quoted must be firm and valid for 180 days from the date of opening of the commercial bid.**
- (iii) All prices quoted shall not be affected by any escalation in prices of labor or materials, machinery, equipment, etc. or in rupee exchange rate during the price validity period whatsoever. However duties, levies, or taxes in respect of finished products will be at the rate prevalent at the time of delivery. In cases where the prices offered are included in basic product, the same should be mentioned against all those specific items.
- (iv) The prices shall be FOR Destination only at the consignees store(s) inclusive of packing, forwarding, freight and insurance. In addition, the breakup of destination price shall be given as per Schedule of prices in Section - V.
- (v) Where ever 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 vendor. Import License, marine freight, insurance, customs duty, surcharge, port handling and clearing charges etc. all shall be vendors account and purchasers shall not be responsible in any way in this regard. All such costs shall be presumed to have been included in unit prices under column No.5 of Price Schedule D.

23. IMPORT LICENCE:

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

24. VALIDITY:

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

25. TERMS OF PAYMENT:

- (i) 80% payment shall be released on receipt of items in good condition on delivery, verification and stores entry of the all ordered IT Items which are fully inspected and inspection report is duly accepted by IT, OPTCL.
- (ii) No advance payment in any form will be made.
- (iii) Handling of foreign exchange component and customs clearance, if any, must be

taken care of by the bidder.

(iv) The contract price shall mean firm price.

For 80% Payment : Bellow mentioned documents are required

1. Bills in triplicate duly certified for verification, stock entry and countersigned.
2. Delivery Chalan.
3. Approved OEM warranty certificate
4. Submission of BG as per clause 26. Below
5. Inspection Report

(v) Balance 20% shall be payable after submission of installation certificate of last item, bills in triplicate.

Paying Officer:

DDO HQRS OPTCL shall be the paying officer for all items.

26. COMPOSITE BANK GUARANTEE: _

A composite Bank Guarantee at the rate of 10% (Ten percent) of the contract price shall be furnished from any Nationalised/Scheduled Commercial Bank to the Chief General Manager (I.T), OPTCL within 30 (thirty) days of issue of the purchase order, executed in a non-judicial stamp paper worth of Rs. 100/- (Rupees Hundred) only subject to change as per ODISHA Stamp Duty Act.

The CBG must be valid for a period of 42 (forty two) months from the schedule date of delivery of last lot strictly as per pro-forma enclosed, towards security, 100% payment and performance guarantee purposes, failing which the purchase order will be treated as cancelled. In the event of any breach or default in all or any of the conditions set forth and provided in the purchase order, the purchaser may forfeit the whole amount of the composite bank guarantee. The forfeiture of the composite 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.

No interest will be payable on Composite Bank Guarantee amount.

27. PENALTIES TOWARDS NON PERFORMANCE

Delay in execution of any supply order against this tender shall attract penalty.

i) Penalty

For H/W Items

If the supplier fails to complete the delivery and installation as per delivery schedule specified, OPTCL shall recover from the supplier as penalty a sum of 0.5% of the item value of the undelivered/uninstalled portion (item) for each calendar week or part there of subject to a maximum of 5% of the ordered unit / license price. Imposition of penalty is however subject to force

majeure conditions.

For S/W Items

For this purpose the date of receipt of e-license through e-mail shall be reckoned as the date of delivery. Imposition of penalty is however subject to force majeure conditions.

ii) Force Majeure Clause

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

28. INSURANCE:

Insurance of Stores covered by this specification shall be done by the suppliers with their own insurance unless otherwise stated. The responsibility of delivery of the stores at destination in good condition rests with the supplier. Any claim with the Insurance Company or transport agency arising due to loss or damage in transit has to be settled by the supplier. The supplier shall undertake free replacement of materials damaged or lost which will be reported by the consignee within 30 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 days, the material shall be treated as not delivered and shall attract penalty till replacement as per clause under heading "Rejection of Materials".

29 PAYMENT DUE FROM THE CONTRACTOR:

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

30. LIMITATION OF LIABILITY

The CONTRACTOR's total liability for all claims, costs, losses, expenses, actions, proceedings arising out of or in connection with this W.O. and scope of work shall be limited to the fees paid. In no event shall either party be liable for any indirect, special, incidental, consequential or punitive damages (including without limitation damages for business interruption, loss of business profits, loss of business information or any other monetary loss) howsoever caused arising out of or in connection with the W.O. and whether or not the party has been advised of the possibility of such damages. The CONTRACTOR shall be liable only for a fault, which is exclusively attributable to it or its contractors, and shall be discharged of its liabilities to the extent that a fault is attributable to the OWNER or its contractors.

31. JURISDICTION OF THE HIGH COURT OF ODISHA:

Suits, if any, arising out of this contract shall be filed by either party in a court of law to

which the jurisdiction of High Court of ODISHA extends.

32. CERTIFICATE FOR EXEMPTION FROM EXCISE DUTY:

Offers with exemption from Excise Duty shall be accompanied with authenticated proof of such exemption. Authenticated proof for this clause shall mean Photostat copy of exemption certificate.

33. CONTRACTOR'S RESPONSIBILITY:

Notwithstanding any thing 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.

34. LANGUAGE AND MEASURES:

All documents pertaining to the contract including specifications, schedule, notices, correspondences, operating and maintenance instructions, drawings or any other writing shall be written in English language. The metric system of measurement shall be used exclusively in this contract.

35. CORRESPONDENCES:

- (i) 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.
- (ii) Any notice to the purchaser shall be served at the OPTCL's principal office in the same manner.

36. LEGAL ADDRESS OF THE PARTIES:

The address of the parties to the contract shall be specified.

PURCHASER:

Chief General Manager (IT), ODISHA Power Transmission Corporation Ltd. 3rd Floor, OPTCL Tower, Janapath, Bhubaneswar – 751 022, ODISHA, India

CONTRACTOR:

(TO BE FILLED BY THE TENDERER)

37. COPY RIGHT PROTECTION OF TENDER DOCUMENT:

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

SECTION – IV**SCHEDULE - A****TECHNICAL SPECIFICATIONS**

Specification Compliance or Deviations tables with reference to the specifications of items mentioned at SCHEDULE – D.

For GRIDCO Data Center:

SL No.	ITEM DESCRIPTION	PURPOSE	Compliance (Yes/No)	Deviations if any
1	Rack Server	For hosting GIS Applications		
2	SAN Storage usable 30 TB	For providing storage for operation and archival of GIS Application		
3	SAN Switch	For Server to Storage connectivity		
4	Net work Switch (Layer-3)	For connecting Server and Storage to OPTCL Network		
5	Desktop(Geo Media)	For Accessing the GIS Server		
6	Microsoft Windows Server 2012 STD R2 SNGL OLPNL	For the OS of Servers		
7	Intergraph Geo-Spatial Server Software (IGS) with SDK tool	For GIS Solution development and Operation.		
8	ORACLE Server Standard Edition (Latest Vesion)	Database Software solution to be installed in Rack Servers		
9	Desktop PCs with Windows OS	For Client computing		
10	Multi Format Laser Printer	Client Printing		
11	UPS(0.6 KVA)	For operation of PCs		
12	Scanner(A4) with ADF	For client side scanning of documents		

SECTION – V

Forms and schedules

SCHEDULE-B

Procurement of IT Items
BID FORM

To

Chief General Manager (IT),
ODISHA Power Transmission Corporation Limited
3rd Floor, OPTCL Tower, Janpath,
Saheed Nagar, Bhubaneswar- 751 022

Ladies and/or Gentlemen,

Having examined the bidding documents, including Addenda Nos. (insert numbers), the receipt of which is hereby acknowledged, we, the undersigned, offer to supply and deliver the equipment, accessories & associated services under the Contract “Procurement of IT H/W,S/W” in conformity with the said Bidding Documents for the sum of _____ (Total Bid Amount in Words and Figures) or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We undertake, if our bid is accepted, to deliver the Goods in accordance with in the stipulated delivery period as mentioned in the Bidding Documents.

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

We agree to abide by **this bid for a period of 180 days** from the date fixed for bid opening under Clause - 4 “General Instruction to Bidders”, and it shall remain binding upon us and may be accepted by you at any time before the expiration of that period.

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

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

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

Dated this.....day of 200.....

Signature

in the capacity of
duly authorised to sign for and
on behalf of

(IN BLOCK LETTERS)

MANUFACTURER'S AUTHORISATION FORM

No _____

Dated _____

To

Chief General Manager (IT),
ODISHA Power Transmission Corporation Limited
3rd Floor, OPTCL Tower, Janpath,
Saheed Nagar, Bhubaneswar- 751 022
ODISHA.

IFB No _____

Dear Sir,

We [*name of the Manufacturer*] who are established and reputable manufacturers of [*name and/or description of the goods*] having factories at [*address of factory*] do hereby authorise [*name and address of Agent*] to submit a bid, and subsequently negotiate and sign the Contract with you for the goods manufactured by us against the above IFB.

We hereby extend our full gurantee and warranty as per Clause 21 of the General Conditions of Contract for the goods and services offered for supply by the above firm against this Invitation for Bids (IFB).

[Signature for and on behalf of Manufacturer]

[Name]

[Name of the Manufacturer]

Note: This letter of authority should be on the letterhead of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the Bidder in its bid.

Procurement of IT Items

SCHEDULE-D

Price Schedule for Goods to be keyed in the .xls / .xlsx template provided in the tender portal.

Bidder's Name & Address:

I. PRICE BID FOR IT (Hardware/Software) EQUIPMENT OF OPTCL:

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
Sl. No	Description	Country of Origin	Qty. (nos.)	Unit Price ex-works/ex-warehouse/ex-showroom/off the self	Unit Packing and forwarding charges	Excise duty, if any,	Sales taxes /VAT payable, if Contract is awarded	Unit cost of Freight in Rs.	Insurance in Rs.	Service Tax / Entry Tax	Unit Price Col. 5+6+7+8+9+10+11	Total Landing Cost in Rs Col 12 x Col 4
<u>IT Hardware :</u>												
1	Rack Server		2									
2	SAN Storage(30 TB) usable		1									
3	SAN Switch		2									
4	Network Switch		2									
5	Desktop Geo Media		2									
6	Windows Server 2012 STD R2 SNGL OLPNL		2									
7	Integraph Geo Spatial Server Software with SDK tool		1									
8	Oracle Server Software STD		1									
9	Desktop PCs		150									
10	MFP Mono Laser Printer		59									
11	UPS(0.65 KVA)		100									
12	Scanner(A4)		5									

Note:

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

ii) @ The price shall include all custom duties, sales and other taxes already paid or payable on the components and raw materials used in the manufacture or assembly of the item, or the custom duties and other taxes paid on previously imported item offered ex-warehouse, ex-showroom, or off-the-shelf. These factors should not be entered separately.

Procurement of IT Items

1.0 General Information

All individual firms bidding for the package are requested to complete the information in this form. Nationality information to be provided for all owners or Bidders who are partnerships or individually owned firms.

Where the Bidder proposes to use named subcontractors for critical components of the works, or for work contents in excess of 10 percent of the bid price, the following information should also be supplied for the specialist subcontractor(s).

1.	Name of firm	
2.	Head office address	
3.	Telephone.	Contact
4.	Fax	Telex
5.	Place of incorporation/registration	Year of incorporation/registration

Nationality of owners		
	Name	Nationality
1.		
2.		
3.		

2.0 Capability Statement

1.	Name of Bidder	
2.	Classifications (1) Manufacturer (2) Authorized Agent	

	(3) Dealer (4) Others (please specify)	
3.	Factory/Works: (a) Location (b) Description, Type and size of building	
4.	Type of equipment manufactured and supplied during last three years.	
	Name of equipment	Capacity/Size
		Nos. manufactured
		Nos. of orders on hand
5.	Details of Organization at Service Centre a) No. of skilled employees: b) No. of Unskilled employees: c) No. of Engineering employees d) No. of Administrative employees e) List of special repair/workshop facilities available f) Storage space for spare parts (sq. m.) g) Value of minimum stock of spares available at all the service centres in respective currency h) Value of the modes/types by number of equipment serviced by the centre in last two years	
6.	Names of three buyers to whom similar equipment was supplied in the past and to whom reference may be made by the Purchaser regarding the Bidder's technical and delivery ability.	
	(1)	
	(2)	
	(3)	

Banker Information

Name of Bidder:

Bidders shall provide financial information to demonstrate that they meet the requirements stated in the Instructions to Bidders. Each Bidder must fill in this form. If necessary, use separate sheets to provide complete banker information.

Name of Banker	
Address of Banker	
Telephone No. Fax No. Contact Name & Title	

Summarise actual assets and liabilities in Indian Rupees for the previous three years. Based upon known commitments, summarise projected assets and liabilities in Indian Rupees for the next three years.

4.0 Litigation History

Name of Bidder

Bidders should provide information on any history of litigation or arbitration resulting from Contracts executed in the last five years or currently under execution.

Year	Award FOR or AGAINST Applicant	Name of client, cause of litigation and matter in dispute	Disputed amount (Current Value in Indian Rupees)

5.0 Performance Statement (for a period of last three years for all the type of items offered)

Sl. No.	Order placed by (full address of Purchaser)	Order No. and date	Description and quantity of ordered equipment	Value of order	Date of completion of delivery As per contract	Date of completion of delivery as per Actual	Remarks indicating reasons for late delivery, if any.	Balance qty., if any, to be supplied	Expected date of Commencement completion of balance supplies	Has the equipment been satisfactorily functioning? Attach certificate from the Purchaser/ Consignee

Date :

(Signature)

Place :

(Printed Name).....

(Designation)

(Common Seal)

6.1 Details of Service Support

		SERVICE CENTRE AT BHUBANESWAR							
		Location							
Pack. No.	Destination	Phone no.	Fax 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 Data Centers serviced in last two (2) years

Date :

(Signature)

Place :

(Printed Name).....

(Designation)

(Common Seal)

Procurement of IT Items

(DEVIATIONS AND ALTERNATIVES)

The Bidder shall item wise any alternatives and deviations from the bid document included in his Bid. Each item shall be listed below with the following information:

Any proposal in this section will be applicable only for the bidders whose Bid will be substantially responsive in accordance with “**Instructions to Bidders**”.

A Bid determined as not substantially responsive will be rejected and may not subsequently be made responsive by the Bidder by correction of the non-conformity.

1. Reference Clause in the bid document.
2. Detailed description of the alternative or deviation.
3. Reason for the change.
4. The change in bid price if the alternative or deviation is withdrawn and the bidder conforms to the specifications.

Date: (Signature)

Place: (Printed Name)

(Designation)

(Common Seal)

Procurement of IT Items

(FORM OF CERTIFICATE OF ORIGIN AND ELIGIBILITY)

Bidder's Name & Address

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

I (We) hereby certify that my (our) company is incorporated and registered in, an Eligible Source Country.

Date: (Signature)
Place: (Printed Name)
(Designation)
(Common Seal)

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

**PROFORMA FOR COMPOSITE BANK GUARANTEE FOR
SECURITY DEPOSIT, PAYMENT AND PERFORMANCE**

This Guarantee Bond is executed thisday of 200_ by us
the
.....(Bank) at P.O. P.S.....
Dist..... State

WHEREAS THE ODISHA POWER TRANSMISSION CORPORATION LTD., a
corporate
body constituted under the Company Act, 1956 (herein after called “the OPTCL”) has placed
orders No.....Dt.....(hereinafter called “The Contract) on M/s.....
(hereinafter called “The Contractor”) for supply, install, testing and commissioning of the
..... AND

WHEREAS the Contractor has agreed to supply, install, testing and
commissioning of
..... at the OPTCL in terms of the said contract, AND

WHEREAS the OPTCL has agreed (1) to exempt the contractor from making payment of
security, (2) to release 100% payment of the cost of materials as per the said agreement and (3) to
exempt from performance guarantee on furnishing by the Contractor to the OPTCL a Composite
Bank Guarantee of 10% (ten percent) of the contract value in force of the said contract.

NOW THEREFORE in consideration of the OPTCL having agreed (1) to exempt the
contractor from making payment of security (2) releasing 100% payment to the contractor and
(3) to exempt from furnishing performance guarantee in terms of the said contract as aforesaid, we,
the(Bank) (hereinafter referred to as „the Bank“) do hereby undertake to pay to the
OPTCL an amount not exceeding Rs.....(Rupees) against any loss or
damage caused to or suffered by or would be caused to or suffered by the OPTCL by reason of
any breach by the said contractor of any of the terms and conditions contained in the said
contract.

(2) We (the Bank.....) do hereby undertake to pay the amounts due and payable under
this guarantee without any demur, merely on a demand from the OPTCL stating that the amount
claimed is due by way of loss or damage caused to or suffered by the OPTCL by reason of any
breach by the said Contractor of any of the terms or conditions contained in the said contract or by
reason of the Contractor’s failure to perform the said contract. 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.....).

(3) We (the Bank.....) also undertake to pay to the 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 unequivocal.

The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the contractor (s) 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 period that would be taken for the performance of the said contract and that it shall continue to be so enforceable till all the dues of the OPTCL under or by virtue of the said contract have been fully paid and its claims satisfied or discharged or till Chairman-cum-Managing Director, ODISHA Power Transmission Corporation Limited or his nominee certifies that the terms and conditions of the said contract 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 in writing on or before the _____ we shall be discharged from all liability under this guarantee thereafter.

(5) We (the Bank.....) further agree that the 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 agreement or to extend time of performance by the said Contractor(s) and we shall not be relieved from our liability by reason of any such variations or extension being granted to the said Contractor or for any forbearance, act or omission on the part of the OPTCL or any indulgence by the 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 provisions have effect of so relieving us.

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

(7) We (the Bank.....) lastly undertake not to revoke this guarantee during its currency except with the previous consent of the OPTCL in writing.

(8) We (the Bank.....) further agree that this guarantee shall also be invokable at our place of business at Bhubaneswar in the state of ODISHA.

Dated at the day of Two thousand

Witness :
(For and on behalf of the Bank)

Signatory
(for and on behalf of the Bank)

1.

2.

NOTE FOR TENDERERS :

- The B.G. is to be furnished in Non-judicial Stamp paper of Rs.100/- as applicable as per ODISHA Stamp Duty Act. from any Nationalized Bank.
- The stamp paper must be purchased in the name of the Bank issuing BG.

TECHNICAL SPECIFICATIONS :**01 Server:**

#	Component	Description	Complied (Yes/No)
01	Make & Model	(Specify)	
02	Gartner standing	The OEM for the proposed server must be in Leaders or Challengers quadrant of latest Gartner's report of "Magic Quadrant for Modular Servers"	
03	Form Factor	1U rack mounted with Sliding Rails	
04	Configured CPU	2 x E5 2620 v4, 2.1GHz, 8cores, 20M cache	
05	Total memory slots	16 DIMM slots scalable to 1 TB memory	
06	Configured memory	128GB DDR4 RAM upgradable to 512GB	
07	Disks support	8 x 2.5" SAS SAS, SATA, nearline SAS SSD HDD Internal or by using disk expansion bay. Disks in expansion bay, if proposed, should have same RAID protection options as that for internal disks	
08	Disks configured	3 x 600GB 10K rpm 12Gbps SAS	
09	RAID Controller	12Gbps PCIe 3.0, 2GB cache with support for RAID 0, 1, 5, 6	
10	Other RAID features	Global Hot Spare disk, Online Capacity Expansion & Online RAID Level Migration	
11	DVD writer	DVD +/- RW	
12	I/O slots	3 PCI slots	
13	Ethernet ports	4 x 1 Gb Base-T	
14		2 x 10Gb Base-T	
15	FC ports	2 x 16 Gbps FC	
16	Certification and compliance	Should be certified for latest version of RHEL, MS Windows,	
17	Power Supply	redundant Power Supply with necessary power cables/cords	
18	SD Modules slots	Single SD card slot	
19	Warranty	3 years on-site comprehensive warranty support from OEM. Post installation,	

02 Storage:

#	Component	Description	Complied (Yes/No)
01	Make & Model	(Specify)	
02	Industry recognition	OEM of the proposed system should be in the latest Gartner's Leader's Quadrant for general purpose disk system.	
03	Unified Storage solution	Offered Storage solution shall support File and block services. The back-end ports shall support 12Gbps speed.	
04	Operating System & Clustering Support	The storage array should support Windows 2012, VMware, Solaris, HP-UX, IBM-AIX and Linux	
05	Capacity & Scalability	30TB usable capacity in using 10K RPM SAS drives in RAID 5 using not more than 1.2 TB drives. Storage shall be scalable to minimum of 200 drives.	

06	Cache / memory	Minimum 64GB DRAM cache across dual controller.	
07	Processing Power	Offered Storage controllers shall have multi core High Performance CPUs	
08	Architecture	Controllers for block access shall be in active-active configuration & provide non-disruptive failover while supporting all functionalities like Thin Provisioning, Data Tiering.	
09	Disk Drive Support	Dual-ported 300 / 1200 / 1800GB hot-pluggable enterprise SAS hard drives, Minimum of 400GB SSD drives & nearline SAS drives of 2TB / 4TB / 6TB capacity	
10	Raid Support & Virtualization	Offered Storage Subsystem shall support RAID 5, RAID 6 and RAID 10. Offered storage array shall have native virtualization support so that different RAID volumes can be carved out from a logical space instead of dedicating separate physical disks volume. Every supplied disk shall be able to participate into multiple and different raid sets simultaneously.	
11	Data Protection	Incase of Power failure, Storage array shall have de-stage feature to avoid any cache data loss	
12	Protocols	Offered Storage array shall support following protocols - FC, ISCSI, SMB 3, NFS V4	
13	Host Ports and Back-end Ports	Solution shall have 8 * 16Gb FC Host Ports for Block access. Offered storage shall have 4 * 12Gb Back-end SAS Physical Ports (Total 4 Ports X 4 Lanes X 12 Gb/s lane speed = 192 Gb/s backend BW)	
14	Global Hot Spare	Offered solution shall be configured with distributed global hot spares for proposed Disk drives	
15	Quality of service	Shall have capability to use more than 30 drives per array for better performance. Storage shall be provided with Performance Management Software. Offered storage array shall support quality of service for application wise performance tuning	
16	Thin Provisioning	Should include support for provisioning of any size virtual volume without consuming physical capacity until data is written to disk.	
17	Maintenance	Offered storage shall support online non-disruptive firmware upgrade for both Controller and disk drives.	
18	Snapshot / Point in time copy / Clone	Offered Storage shall have support to make the snapshot	
19	Storage Tiering	Optional Support for writing active blocks of data to tier 1 storage with high performance disks or RAID levels & automatically migrate inactive blocks of data to lower-tier storage Data tiering should happen across at least three performance tiers of storage	
20	Remote Replication	The Storage array should support three way replication in native fashion for SAN data without using any replication appliance. 3 Way DR solution should ensure that same LUN is replicated to two DR sites wherein one of the two DR sites should support "Zero data loss" replication. Required replication software and hardware to be provided for replication.	
21	Warranty	3 years on-site comprehensive warranty support from OEM. Post installation,	

03. SAN Switch :

#	Component	Description	Complied (Yes/No)
01	Make & Model	(Specify)	
02	Ports	Each SAN switch shall be configured with 12 nos. 16 Gbps FC ports & scalable to 24 ports	
03	Forn factor	The switch should be rack mountable	
04	Performance	Should deliver non-blocking architecture	
05	Automatic speed negotiation	Should protect existing device investments with auto-sensing 4, 8, and 16 Gbit/sec capabilities	
06	FirmwareUpgrades	Non disruptive microcode/ firmware upgrades	
07	Aggregate bandwidth	768 Gbps end-to-end full duplex	
08	Trunking	Optional support for trunking two switches to support up to 128 Gbit/sec ISL trunk	
09	Management	Switch shall have support for web based management and should also support CLI.	
10	Diagnostics	Support for POST and online/offline diagnostics including RAStrace logging, environmental monitoring, non-disruptive daemon restart, FCping and Pathinfo (FC traceroute), port mirroring (SPAN port) or equivalent	
11	QoS	Should support quality of service	
12	Power supplies	Redundant and hot pluggable power supplies	
13	Warranty	3 years on-site comprehensive warranty support from OEM. Post installation,	

04 Layer 3 Switch:

#	Component	Description	Complied (Yes/No)
01	Device Type:	Fully Managed Layer 3, 10 G stackable switch with dedicated stacking ports and accessories	
02	Form factor	Switch should be standard 19" width rack mountable and IPv6 phase2 ready	
03	Ports	48 x 10GbE RJ45 or optical auto-sensing (10Gb/1Gb) ports	
04		4 x 40GbE QSFP+ ports	
05	Static routes	Minimum 64000 IPv4 and IPv6 route entries each	
06	Dynamic routes	Minimum 64000 IPv4 and IPv6 route entries each	
07	Switch fabric	1.28Tbps (full duplex)	
08	Layer 2 switching	Line-rate Layer 2 switching - All (non-blocking), 256K MAC address entries	
09	Layer 3 routing	Line-rate Layer 3 routing - All (non-blocking), Full IPv6 routing to be offered including BGP for IPv6	
10	OSPF routing	OSPFv2 and OSPFv3 routing from day 1	
11	RIP routing	RIP and RIPng routing	
12	Layer3 functionality	RIPv1, RIPv2, RIPv2 MIB Extension, OSPFv3, OSPF DB overflow, VRRP MIB, OSPF MIB, NSSA, RIP-2 MD5 Auth, OSPF Stub Router Advert, OSPFv2, Graceful Restart, VRRP	
13	SDN support	Support for Open flow for SDN	

14	DC Features	TRILL, SPB and EVB/VEPA, Data Center Bridging protocols (PFC, DCBx, ETS and ECN), FCoE support on all offered interfaces, VxLAN support for up to 4K tunnels and dynamic VxLAN configuration support	
15	Multicast support	IGMP and MLD snooping, PIM-SM, PIM-DM and PIM-SSM	
16	Power supply	Redundant hot swap power supply	
17	Cooling	Redundant hot swap fan trays/fans	
18	Warranty	3 years on-site comprehensive warranty support from OEM. Post installation,	

05. Desktop PC :

Sl. No.	Specification	Detailed Specification	Complied (Yes/No)
1	Processor	Intel® 6th Generation Core i5 Quad Core CPU with minimum clock speed of 3.2 GHz, 6MB Cache or better	
2	Chipset	Intel Q150 chipset	
3	Motherboard	OEM Motherboard with OEM logo embossed on the motherboard (No Sticker)	
4	Memory	4 GB DDR4 RAM expandable to 64GB; Four DIMM slots; Non-ECC dual-channel upto 2133 MT/s DDR4 SDRAM	
5	Hard Disk Drive	1TB HDD, 7200 RPM, SATA III 6 Gbps, SMART IV	
6	Optical Drive	SuperMulti DVD Writer	
7	Graphics	Integrated Graphics	
8	Audio	High Definition Integrated Audio with Internal Speaker	
9	Ethernet	Integrated Gigabit (10/100/1000 NIC) LAN	
10	Slots	Minimum 4 low profile PCI/PCIe Slots (3 x PCIex1 and 1 x PCIex16)	
11	Bays	Minimum 4 bays with atleast (2) 3.5" Drive bays & (1) ODD bay	
12	Ports	Front I/O (2) USB 2.0 ports, (2) USB 3.0 Ports 3.5mm headphone output and microphone jack Rear I/O (2) USB 2.0 ports, (4) USB 3.0 Ports (1) VGA video port; (2) DisplayPort/DVI-D Port (1) RJ-45 network connector (1) RS-232 serial port 3.5mm audio in/out jacks (2) PS/2 keyboard and mouse ports	
13	Monitor	19.5" LED OR higher with IPS Panel and TCO 06 certificate	
14	Form Factor	SFF (Small Form Factor) Tool less chassis with volume less than 13 Ltr	
15	Power Supply	200 W OR Less active PFC Power Supply	

16	Keyboard/Mouse	PS/2 104 keys keyboard (Same make as PC) PS/2 2 Button Scroll Mouse (Same make as PC)	
17	Operating System	Genuine Microsoft Windows 10 Pro 64-bit	
18	Diagnostic Tool	Inbuilt Pre-Boot BIOS Diagnostics	
19	Security	TPM 1.2 Security Chip SATA port disablement (via BIOS) Serial, parallel, USB enable/disable (via BIOS) Optional USB Port Disable at factory (user configurable via BIOS) Removable media write/boot control Power-On password (via BIOS) Administrator password (via BIOS) Setup password (via BIOS) Support for chassis padlocks and cable lock devices	
20	Compliance And Certification	Energy Star ver 6, FCC, UL EPEAT Certified for India, Windows and Linux	
21	Information Accessibility	Product details, specifications and brochure to be available in public domain	
22	Support	3 yrs onsite warranty from OEM	

06. MFP PRINTER SPECIFICATION:

Sl.No	Specification	Detail Description	Complied (Yes/No)
1	Print Speed	Normal, A4: Up to 25 ppm	
2	First Page Out	As fast as 8 sec	
3	Print Resolution	Up to 1200 x 1200 dpi	
4	Processor	600 MHz	
5	Memory	256 MB	
6	Duty Cycle (monthly, A4)	Up to 15,000 pages	
7	Input Tray	250-sheet input tray, 10-sheet priority tray, 35 sheet Automatic Document Feeder	
8	Output Tray	150-sheet output tray	
9	Duplex Printing	Automatic	
10	Standard print languages	PCL 5c, PCL 6, PS, PCLm, PDF	
11	Standard connectivity	1 Hi-Speed USB 2.0; 1 Ethernet 10/100	
12	Scan Speed	Up to 14 ppm (b & w), up to 5 ppm (colour)	
13	Scan resolution	Up to 300 x 300 dpi (colour and mono, ADF);	
14	Scan file format	JPEG, PDF, PNG	
15	Scan size maximum	Flatbed: 216 x 356 mm (8.5 x 14 in)	
16	Copy Speed	Up to 25 cpm black	
17	Copy resolution	Up to 600 x 600 dpi	

18	Max no of copies	Up to 99 copies	
19	Copier resize	25 to 400%	
20	Fax Speed	3 sec per page	
21	Fax speed dialing (max numbers)	Up to 120 numbers (119 group dials)	
22	Operating System	Microsoft Windows® 7 & Win 8,10, Linux, Mac OS	
23	Fax features	Auto fax reduction supported: Yes; Auto-Redialing: Yes; Fax delayed sending: Yes; Distinctive ring detection supported: Yes; Fax forwarding supported: Yes;	

07. ADF FLAT BED SCANNER SPECIFICATION:

Sl.no	Specification	Detailed Specifications	Complied (Yes/No)
1	Scanner Speed	20ppm /40 ipm	
4	Document size(ADF + flatbed)	A4	
5	Scan Technology	CIS	
6	Daily recommended Volume	1500 pages	
7	Bit Depth	24bit,256 grey scale	
8	Scan Resolution	Hardware up to 600 X 600dpi,upto 1200dpi through flatbed.	
9	Multi feed detection	Yes	
10	ADF Capacity	50 sheets	
11	Standard Connectivity	USB 2.0,	
12	Warranty	3 Year onsite	
13	Output Format	PDF, JPEG, PNG, BMP, TIFF, TXT , RTF , searchable PDF	
14	Operating System	Microsoft Windows® 7 & Win 8,10, Linux, Mac OS	

08. Line Interactive UPS(600 VA):

Sl. No.	Specification	Detailed Specification	Complied (Yes/No)
1	Technology	600 VA with built in automatic voltage regulator, DG Set Compatibility	
2	Capacity	600 VA	
3	Input	2.1 Voltage Range 145-280 Volts or better 2.2 Frequency Range 50 Hz +/-10%	
4	Batteries	1.Type SMF12 V of 7.5AH type Leak Proof of reputed make 2.Backup Time Minimum 20 minutes on for a standard PC (15" TFT Monitor)	

5	Output	4.1 Voltage 220Volts 4.2 Waveform Modified Sine wave 4.3 Transfer Time Less than 10millisecond 4.4 Total 3 Nos, with surge protector 4.5 50 Hz +/- 10% Hz (under battery mode) 4.6 Noise < 40 db at 1m 4.7 Power Factor 0.7 4.8 Efficiency > 92 %	
6	Protection	5.1 Low Battery 5.2 Overload Protection to be present 5.3 Overcharge 5.4 Overvoltage	
7	Environment	Temperature: 0 to 40 deg. Celsius Humidity: up to 90%	
8	Display	Mains, Battery mode & Load on Mains/Battery	
9	Warranty	3 year warranty on Labour, parts & batteries	
10	Agency Approvals	ISO-14001 / ISO-9001 and CE	
11	Latest Additional Features	Battery saver button to increase battery life optional	

9. Desktop Geo Media :

10. Windows Server 2012 STD R2 SNGL OLPNL:

11. Intergraph Geo Spatial Server Software with SDK tool:

12. Oracle Server Database Software(Latest version):

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