

Tender for Procurement of I.T Equipment



TENDER NOTICE No.TW-IT/OT/04/2011-12

**ORISSA POWER TRANSMISSION CORPORATION LIMITED
BHUBANESWAR**



ORISSA POWER TRANSMISSION CORPORATION LIMITED

(A Govt. of Orissa Undertaking)

Registered Office: Janpath, Bhubaneswar – 751022

TENDER NOTICE No.TW-IT/OT/04/2011-12

Chief General Manager(IT), OPTCL, 3rd Floor, OPTCL TOWER, Janpath, Bhubaneswar on behalf of OPTCL invites sealed tenders from reputed eligible bidders for **Procurement of IT Equipment** confirming to the terms and conditions mentioned in our website.

The interested eligible bidders may visit our website www.optcl.co.in on or after **24th February** 2012 to go through / download the scope of supply and terms and conditions in detail. The techno-commercial bid shall be due on dated **22nd March 2012, 13.30 hours**.

Chief General Manager (IT)

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SECTION- I

GENERAL INFORMATION TO BIDDERS

Name of the Project: Procurement Of IT Equipment

1. The Orissa Power Transmission Corporation Ltd.(OPTCL) invites sealed bids from eligible bidders for the under mentioned project as per description and schedule of quantity given here below:

A. Equipment

| Sl No. | Item Description | Qty. |
|--------|--|------|
| 1. | PC with Windows 7/RHEL* | 378 |
| 2. | Laptop | 171 |
| 3a. | Laser Printer (Mono-A4) | 51 |
| 3b. | Laser Printer (Color-A3) | 9 |
| 3c. | Multi Functional Laser Printer-A4 | 149 |
| 3d. | Multi Functional Heavy Duty Laser Printer-A3 | 14 |
| 3e. | Scanner A4 Size | 8 |
| 4. | Office Software- Open Office | 10 |
| 5. | Server(Quick Heal Internet Security Admin Console 4.6) based Anti Virus Software additional Licenses yearly basis | 616 |
| 6. | UPS 600 VA | 400 |
| 7. | Desktop All-in-One PC | 10 |
| | | |

B. Replacement supply

* The item at sl no. 1 above shall be supplied in the following manner

| Sl no. | Item | Replacement Quantity in nos | New Supply in nos | Total |
|--------|----------------------|--------------------------------|-------------------|-------|
| 1. | PC with Windows/RHEL | 220 | 158 | 378 |

Note: PCs are of the following brands:

1. HCL(PIV), 2. Wirpo(PIV), 3. ACER (PIV), 4. HP(PIV), 5. IBM (PIV).

C. Service Components

| Sl no | Description | Unit of Measurement | Quantity |
|-------|--|---------------------|----------|
| 1 | AMC Charges for 3 years after the warranty period for IT Equipment | Lump sum | Lump sum |

Note: The end of life of all the IT equipment quoted by the bidder should be a minimum Six(6) years from the bid submission date.

The **Scope of work** includes the Supply, Installation, Integration, Testing, Commissioning of the above-mentioned items, partly General Supply and rest on Replacement Supply basis at different user's site location viz. at OPTCL Hqrs Office, Bhubaneswar and also at different business functional unit locations throughout Orissa (details at Annexure – I & II). It also includes annual maintenance contract for a period of three years after expiry of the warranty period for three years defined in the bidding document.

2. Interested eligible Bidders may obtain further detailed information on the tender in the bidding document issued by I.T Dept. OPTCL and hosted under "Current Tenders" in our website www.optcl.co.in.
3. A complete set of bidding documents may be purchased by any interested eligible bidder or their "authorised representative" on submission of written application to Chief General Manager(IT) and upon payment of non-refundable fee as indicated below, either in cash or by a demand draft payable to THE DRAWING AND DISBURSING OFFICER, OPTCL HEAD QUARTERS, BHUBANESWAR.
4. The bidding documents may be obtained from the office of the Chief General Manager (IT), OPTCL during office hours, from 10.00 hrs to 17.00 hrs. on all working days either in person or by post.

- a) Price of bidding document: Rs. 10,000/-(non-refundable))+ VAT@4%
- b) Postal charges, inland : Free of charge
- c) Postal charges, overseas : Free of charge
- d) Date of commencement of
Sale of bidding document : 24th February,2012
- e) Last date of sale of bidding
document : 22nd March,2012
- f) Last date and time for
Receipt of bids : 22-03-2012, **13.30 Hours**
- g) Time and date of
opening of Techno-commercial

- h) bids : 22-03-2012, **16.00 Hours**
- h) Time and date of opening price bids : To be intimated later
- i) Place of opening of bids : Office of Chief General Manager (IT),
3rd Floor, OPTCL Tower, OPTCL,
Janpath, Bhubaneswar – 751022.
- j) Address for communication : Chief General Manager (IT),
3rd Floor, OPTCL Tower, OPTCL,
Janpath, Bhubaneswar – 751022.

5. Bid document can also be downloaded from our website as mentioned at clause-2 above. However, the bidder has to submit the cost of bidding document i.e. Rs. 10000/- + VAT@4% by 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 Section-I.4(e).

6. **Two-part bidding procedure shall be adopted. The bidders must submit sealed Part I(OPTCL-PC-PRT-Techno-commercial bid) cover and sealed Part-II(OPTCL-PC-PRT-Price-bid) cover in another third sealed cover super scribing tender no and due date clearly.** All bids must be accompanied by a bid security (EMD) in the amount of Indian Rupees Three Lakh Eighty Five Thousand only (Rs 3,85,000/-) , and must be delivered to the above office on or before 13.30 hrs. on last date for receipt of bids along with the **Part – I (OPTCL-PC-PRT-Techno-commercial bid)** of the tender only.

The bid security may be submitted in one of the following forms:

- (a) a Bank Guarantee issued directly by a nationalized/scheduled bank, in the form provided in the bidding documents, or
- (b) a crossed bank draft/pay order drawn in favor of the Drawing and Disbursing Officer, OPTCL, Headquarters, Bhubaneswar.

7. Bids will be opened in the presence of Bidders or Bidder's representatives who choose to attend at the specified date and time. BIDDER's representatives should submit authorisation letter from the Bidder to OPTCL to attend opening of Bids.

- a) **Part-I (OPTCL-PC-PRT-Techno-commercial bid)** shall be opened on the stipulated date and time mentioned under clause 4(g) of the GENERAL INFORMATION TO BIDDERS.
- b) After technical evaluation, the **Part-II (OPTCL-PC-PRT-Price-bid)** of successful/eligible bidders shall be opened as per Schedule mentioned in 4(h) above or a latter date as may be decided by the purchaser.

The bidders shall be intimated of the price bid opening date through Notice Board and through OPTCL's web site in case of any change in the date of opening of the price bid.

8. In the event of the date specified for bid receipt and opening being declared as a closed holiday for purchaser's office, the due date for submission of bids and opening of bids will be the following working day at the appointed times.
9. **OPTCL reserves the right to cancel/withdraw the invitation for bids and increase/decrease the Quantity of items to be purchased without assigning any reasons and shall bear no liability whatsoever consequent upon such a decision.**

10. QUALIFICATION OF THE BIDDER

- 10.1 The bidder must be an Authorised Systems Integrator (ASI) having a direct purchase and support agreement with the OEMs of the IT equipment such as Desktop Computers, Laser Printers and etc. The bidder should provide Manufacturer's **Authorisation Letter** for all IT equipments quoted (except the items for which the bidder itself is the OEM) along with the bid. **The ASI should also submit declaration, as a mandatory requirement, by OEMs that the quoted items shall not be outdated within 6(six) years of supply and that OEM renders necessary spares support to ASI.**
- 10.2 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. The OEM of the Bidder should have experience at least 10 years in selling and servicing in the IT hardware in India.**
- 10.3 Bidder shall submit **audited financial reports** for at least three years (2008-09, 2009-10, 2010-11) preceding the date of bid submission. The annual turn over of the bidder shall not be less than **Rs. 10 crores** for above-mentioned financial years and estimated financial projection for the next three years.
- 10.4 Manufacturers shall have adequate design infrastructure, manufacturing facilities and capacity including quality control and after sales service facilities. **Statement** of such facilities in respect of items quoted shall be submitted by the Bidder duly endorsed by the OEMs.
- 10.5 Bidder shall provide satisfactory evidence to the Purchaser of their capability and adequacy of resources to carry out the Contract effectively. The bidder is to include the following with the bid.

- (a) **Copies of original documents** defining the constitution or legal status, place of registration and principal place of business; written power of attorney of the signatory of the bid to commit the bidder;
- (b) Performance as supplier of goods & Services of similar nature over the last three years, and **details of orders** executed.
- (c) **Description** of manufacturing facilities, if applicable.
- (d) The Bidder's key technical engineers should have OEM certifications to install and maintain the IT equipment quoted by the Bidder. The **qualification and experience** of key personnel, at least 10 in number, should be provided who will look after this project.
- (e) **No subcontracting of the contract shall be entertained.**
- (f) **Evidence** of access to lines of credit, and availability of other financial resources.
- (g) **A list** of bidder's banks and authority to seek reference from the banks.
- (h) Information regarding any current litigation in which the bidder is involved, the parties concerned, and disputed amount; **Declaration** to be submitted.
- (i) Details of Quality Assurance Policy. **Policy** to be submitted.
- (j) The bidder shall give an undertaking as a part of this contract to provide technical consultancy and guidance at no extra cost to OPTCL for proper configuration and performance and integration with Servers, of the IT equipment. **The Bidder shall submit an undertaking to this effect.**

10.6 In addition to the above the Bidder shall submit the following.

- (a) A statement of year wise profit for the FYs 2008-09, 2009-10, 2010-11.
- (b) The Bidder must be an ISO 9001-2000 certified "**Systems Integrator**". Bidder has to **submit photocopy** of the original certificate along with their bid.
- (c) The bidder must have executed
 - i) At least three nos of similar I.T equipment projects of value more than **Rs.50** Lakhs each during last three years.
 - ii) Installed and configured IT equipments on Linux platform.

- iii) The documentary proof for the same must be accompanied with the tender. The bidder should also submit a list of important customers with documentary evidence along with tender.
- (d) The bidder must have full-fledged service center at Bhubaneswar equipped with spare stock and certified manpower. The Bidder must have minimum 10 nos. of service centers or franchisee centers throughout Orissa. In case of franchisee centers, the Bidder shall make maintenance arrangements by equipping the franchisees with ready availability of spare parts and certified engineers to render maintenance support during warranty as well as AMC period. The bidder should mention the address, contact person's name along with the contact number of this service centers / franchisees, with the bid. **The purchaser shall duly inspect such centers, if need be, for their capability to render desired service.**
- (e) For all IT equipments, the bidder has to quote for 3 years comprehensive on-site warranty.
- (f) The bidder shall submit ROHS declaration letter in support of quality factory based manufacture of the IT Items.

11. Manner to submit the bid

- a) Both Techno commercial Bid and Price Bid of the Tender shall be submitted with a forwarding letter duly signed in the bidders letter head and shall be neatly typed, clearly readable, free from cuts, over writings and erases etc. **Please see note below.**
- b) Amounts quoted in the Price-Bid mentioned in figures must be described in words also. In case of any ambiguity, the fact furnished in words shall only be considered.
- c) Any correction whatsoever in the bid shall be signed by the authorized person competent to sign the bid.
- d) Submission of the technical bid must be **indexed** properly in the chronological manner mentioned below failing which the bid shall be liable for rejection. **All the supporting documents in respect of Clause 10, Section -I shall be submitted by the Bidder.**
- Forwarding letter duly signed by the bidder or their authorised signatory in bidders letterhead.
 - Bank Guarantee as the case may be towards EMD.
 - Authorisation certificate from OEM/Principal to execute the contract or submit the bid.
 - OEM's declaration that the equipment shall not be outdated for six(6) years and for necessary spare support to ASI.
 - Copies of audited financial report/ Balance Sheet for last 3 years in chronological manner i.e. 2008-09, 2009-10, 2010-11 each page duly numbered.
 - Supporting documents to prove the capability of the bidder as required under Clause-10 of the Section-I "General Information to the Bidders".

- Qualification and experience sheet for key Personnel.
- Proposal for not sub contracting elements of supply.
- Evidence of access to lines of credit.
- Authority to seek reference from the bidders Banks.
- Information on current litigation.
- Details of quality assurance policy.
- Proposal of manufacturing method and schedule.
- Bidder's undertaking to provide technical consultancy.
- Technical offer.
- Technical Deviation Statement.
- Check sheets.

Note:

- **All the pages in the technical bid shall be numbered.**
 - Information sheets shall be chronologically placed in the manner stated above.
 - **A proper index shall be furnished with starting page number of each category of document mentioned above. The techno commercial bid and price bid shall be hard bound and sealed in separate covers super scribing as Part – I (OPTCL-PC-PRT-Techno-commercial bid) due on -----and Part – II (OPTCL-PC-PRT-Price bid) due on -----” respectively. Both the sealed Bids shall be put in an envelope and sealed by super scribing as “Procurement of IT Equipment”. The Techno commercial Bid and price bid shall also be provided on a CD in addition to Hard Copy as mentioned above.**
12. OPTCL reserves the right to accept or reject any tenders without assigning any reason there of.

SECTION : II

INSTRUCTIONS TO BIDDERS

1. Sealed Tenders in duplicate on two part bid basis (each complete with all details in the manner specified together with drawings, test reports, descriptive literature if any) and declaration form duly signed are to be submitted in the Office of Chief General Manager (IT) Orissa Power Transmission Corporation Ltd., Bhubaneswar. Each part of the bid i.e. Techno-commercial Bid(part-I) and Price Bid (Part-II) shall be placed in separate covers duly sealed with the relevant Part No., Tender specification number and due date of opening indicated in the “Notice Inviting Tenders” duly super scribed on each cover.
2. The Specification is divided into six Sections:
 - i) Section-I : General Information to Bidders.
 - ii) Section-II : Instructions to Bidders.
 - iii) Section-III : General Conditions of Contract.
 - iv) Section-IV : Schedules of Requirements.
 - v) Section-V : Technical Specifications.
 - vi) Section-VI: Forms & Schedules etc.
3. These tender specifications cover the required quantity of materials. These quantities are to be supplied by the vendor on receipt of the order. The initial order will be supplied within the stipulated period. If required, the vendor may be additionally required to supply up to 20% 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.
4. Tenders will be opened in the office of the Chief General Manager (IT) on the stipulated date and time in the presence of such of the tenderers or their authorized representatives (limited to one person) only as may desire to be present, at the time of opening the bids. The Chief General Manager (IT) or his authorized representatives, on opening each bid will read aloud the name of the bidder, price(s) quoted, overwriting and corrections if any in each page of Price bid when it is due to be opened.
5. The tenderer may deviate from the specification while quoting if in his opinion such deviation is in line with the manufacturer’s standard practice and conducive as better and more economical offer. All such deviations should however be clearly indicated giving full justifications for such deviation in a separate sheet(s) under “Deviations” title in the format described in Schedule-VI.
6. Only those who have purchased / downloaded tender document from OPTCL website the Specification can submit their tender. Tenders submitted without tender cost will be rejected.

7. The purchaser reserves the right to reject the lowest or any other tenders or all tenders without assigning any reason what so ever if it is considered expedient in the overall interest of OPTCL.
8. Tenders shall be submitted in person or by Registered Post with A.D or by Speed Post. Any other means of delivery shall not be accepted.
9. (i) Tenders received after due date and time shall be considered invalid.
(ii) Telegraphic or Fax Tenders shall not be accepted under any circumstances.
10. (i) The tender shall be accompanied by Earnest Money Deposit of value specified under clause 6 in Section-I.

The Earnest Money Deposit shall be offered in one of the following forms subject to the conditions mentioned below:

- a) **Bank Draft:** To be drawn in favour of Drawing and Disbursing Officer, OPTCL Headquarters, Bhubaneswar – 751022.
- b) **Bank Guarantee** from any Nationalized / Scheduled Bank as per enclosed proforma.

The validity of any of the above guarantees shall be atleast 240 days from the date of opening of tender, failing which these tenders will be liable for rejection.

- (ii) No interest shall be paid on Earnest Money Deposit.
- (iii) No adjustment towards Earnest Money Deposit shall be permitted against any outstanding amount with OPTCL.
- (iv) In the case of un-successful tenderer, the Earnest Money will be refunded immediately after the tender is decided. In the case of successful tenderer, this will be refunded only after furnishing of security money referred to Clause-24 Section– III. Suits, if any arising out of this clause shall be filed in a Court of law to which the jurisdiction of High Court of Orissa extends.
- (v) Earnest Money will be forfeited if the tenderer fails to accept the letter of indent and / or Purchase orders issued in his favour as well as satisfactory completion of the project.

- (vi) Tenders not accompanied by Earnest Money shall be dis-qualified.
11. 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.
12. a) After opening of tenders and within the validity period no reduction or enhancement in price will be entertained. However, after opening of “Unpriced” bid if some modification of specification is agreed upon by OPTCL, Revised price offer will be considered. In such case revised offers will have to be submitted in separate sealed envelopes super-scribing “Revised Priced Bid” within 7 days of written notice to the bidder.
- b) If required, the tenderer may be requested to revalidate the tender after expiry of the validity period if required under the same terms and conditions as per original tender except for the change in delivery period, if necessary. In such an event the tenderers are free to change any or all conditions of their bids including price at their own risk.
13. Tenderers are expected to be fully conversant with the meaning of all the clauses of the specifications before submitting their tenders. In case of doubt regarding the meaning of any clause the tenderer may ask for clarification in writing from the Chief General Manager (IT) , OPTCL, Bhubaneswar. This however, does not entitle the tenderer to ask for time beyond due date fixed for receipt of tender.

a. **List of Documents to be submitted along with the Tender:**

The Bidder must submit the following documents along with the Tender failing, which the tender shall be treated as incomplete and liable for cancellation. The Bidder shall also comply with Clause 10 of Section I.

1. Bid Declaration Form.
2. Earnest Money Deposit (EMD)
3. Price Schedule (Section-VI)
4. Copy of required documents as per clause 10 in Section-I.
5. ISO 9001-2000 Certificate.
6. Xerox copy of PAN.
7. Attested copy of TIN & VAT clearance certificate up to 31/03/2012.
8. An undertaking to provide goods and services confirming to vendor specifications.
9. Credentials regarding experience in carrying out order for I.T equipment projects in Govt. or other reputed establishments for worth of Rs.50 Lakhs or more in a single order at least one purchase order executed must be in GOVT/PSU.

10. A list of important customers in last three years i.e. 2008-09, 2009-10 & 2010-11.
 11. Technical literatures and original specifications sheets of each item offered.
 12. Details of maintenance and support infrastructure at Bhubaneswar.
 13. Manufacture ship /authorized system integrator ship certificate.
 14. Attested copy of power of Attorney, if any.
 15. Attested copy of partnership Deeds, if any.
 16. Check list in respect of Technical Specification.
 17. Check list in respect of General Compliance.
 18. All other schedules provided in Bid document.
 19. Document supporting clause no. 10.1 at Section '1'
14. Tenderers shall quote for all the items under Section – IV: Schedule of Requirement. Tenders not quoted for all the items shall not be considered.
 15. Tenderers are required to submit tenders in the following manner.

Schedule of prices in the prescribed Proforma in Section VI shall be placed in the Part – II (OPTCL-PC-PRT-Price bid) envelope. All other documents as mentioned in Clause 14, Section – II shall be placed in the Part – I (OPTCL-PC-PRT-Techno-commercial bid) envelope. Outer envelope should be sealed and super scribed as “Procurement of User IT Equipment” as per dates specified in Clause- 4 in SECTION – I.

16. Conditional offers shall not be accepted.
17.
 - i) Over writing shall be avoided.
 - ii) Erasures and other changes shall bear the dated initial of the person signing the tender along with company seal.
 - iii) In the event of discrepancy or arithmetical error in the schedule of price, the decision of the purchaser shall be final and binding on the tenderer.
 - iv) For evaluation the price mentioned in words shall be taken as final, if there is any difference in figure and words in the price bid.

SECTION - III

GENERAL CONDITIONS OF CONTRACT (GCC)

1. SCOPE OF THE CONTRACT:

The **Scope of work** includes the Supply, Installation, Integration, Testing, Commissioning of the items mentioned in Section – I, partly on General Supply and rest on Replacement basis at different user's location viz. at OPTCL Hqrs Office, Bhubaneswar and also at different business functional unit locations throughout Orissa(details at Annexure – I, II). It also includes annual maintenance contract for a period of three years after expiry of the warranty period for three years defined in the bidding document, in accordance with the enclosed Technical Specification, bill of quantity and render technical services as per delivery schedule.

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 inconsistent with such constructions.

- 2.1 "The Purchaser" shall mean the ORISSA 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 "Equipment" shall mean and include all machineries, apparatus, materials, articles and services to be provided 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 re-produced 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 store. The cost is inclusive of Excise Duty, Sales Tax and other local Taxes, 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 Orissa General Clauses Act.

3. GUIDELINES FOR THE BIDDER:

The Contractor shall examine the instructions to Tenderers, General Conditions of Contract, Specification, the Schedules of Quantity and delivery and rest of the bidding document to satisfy 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. 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.

5. 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 equipment supplied by the contractor shall be new, unused and conforming to relevant standards.

6. INSPECTIONS AND TESTING

- 6.1 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 Purchaser shall notify the Supplier in writing, of the identity of any representatives retained for these purposes.
- 6.2 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.
- 6.3 Should any inspected or tested Goods fail to conform to the Specifications, the Purchaser may reject the Goods, and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Purchaser.
- 6.4 The Purchaser's right to inspect, test, and where necessary, reject the Goods after the Goods' arrival at Project Site shall in no way be limited or waived by reason of the Goods having previously been inspected, tested, and passed by the Purchaser or its representative prior to the Goods' shipment.
- 6.5 Nothing in GCC Clause 6 shall in any way release the Supplier from any warranty or other obligations under this Contract.

NOTE:

The inspection of the Goods shall be carried out to check whether the Goods are in conformity with the technical specifications attached to the contract and shall be in line with the inspection/test procedures laid down in the Technical Specifications and the General Conditions of Contract. Following broad test procedure will generally be followed for inspection and testing of equipment. The supplier will dispatch the Goods to the ultimate consignee after Purchaser's inspection and testing, approval of inspection report and manufacturer's warranty certificate. The Purchaser may again test the equipment after completion of the installation and commissioning at the site of the installation. All the IT equipments shall be installed, 100%, and inspected on lab-simulated integration basis.

7. DESPATCH INSTRUCTIONS:

The Goods & Services to be delivered in this contract being of partly take back in nature, the actual dispatch instruction shall be issued on mutual discussions in respect of delivery point, time, stocking mode and lifting the take back IT equipments etc.

8. DELIVERY & INSTALLATION SCHEDULE:

- a) Free delivery should be made at the place as specified in the firm's work order.
- b) The delivery period of *the items ordered, as specified, should not exceed 45 days* from the date of receipt of LOI/purchase order.
- c) *The Installation and commissioning of the items ordered should be completed within 7 (Seven) weeks* from the date of receipt of Dispatch Instruction .

9. MANUALS AND DRAWINGS

- a) Before the goods and equipment are taken over by the Purchaser, the Supplier shall supply operation and maintenance manuals together with Linux installation procedures, drawings of the goods, equipment, network connectivity and computer architecture designs. These shall be in such detail as will enable the Purchaser to operate, maintain, adjust and repair all parts of the equipment as stated in the specifications.
- b) The manuals and drawings shall be in the English language and in such form and numbers as stated in the contract but not exceeding spiral-bound 5(Five) copies.
- b) Unless and otherwise agreed, the goods and services shall not be considered to be completed for the purpose of taking over until such manuals and drawings have been supplied to the Purchaser.

10. DOCUMENTATION:

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

11. ACCEPTANCE TEST:

The installation and commissioning will be considered as complete only after it passes successfully through the acceptance test.

- (i) The acceptance test will be conducted by the Purchaser, their consultant or any other person nominated by the Purchaser, at its option. The acceptance will involve trouble-free integrated operation of all items of supply for seven consecutive days. 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. 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. Sampled IT Items, as decided by IT, OPTCL, shall be subjected to acceptance test procedures for drawing conclusions in this regard.

(ii) In the event of the IT 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.

(iii) Successful conduct and conclusion of the acceptance tests for the installed goods and equipment and configured services shall also be the sole responsibility and at the cost of the Supplier.

12. ACCEPTANCE CERTIFICATES:

- a) On successful completion of acceptability test, receipt of deliverables etc, and after the purchaser is satisfied with the working of the system, the acceptance certificate signed by the supplier and the representative of the purchaser will be issued. The date on which such certificate is signed shall be deemed to be the date of successful commissioning of the systems and services.
- b) The training as per Clause 42 of General Conditions of Contract shall be conducted on the dates mutually agreed upon and within a month from the date of acceptance of supply.

13. 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 misdemeanours.
- (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.

14. SITE PREPARATIONS

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

sites before the scheduled installation date to allow the Supplier to perform a site inspection to verify the appropriateness of the sites before the installation of IT equipment.

15. IT EQUIPMENT INSTALLATION

The Supplier is responsible for all unpacking, assemblies, installation, wiring, cabling between IT equipments and connecting to power supplies. The Supplier will test all IT equipments operations and accomplish all adjustments necessary for successful and continuous operation of all the IT equipments being procured through this contract.

16. CONTRACT'S DEFAULT LIABILITY:

- i) The purchaser may upon written notice of default to the contractor terminate the contract in circumstances detailed hereunder.
 - a) 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.
 - b) If in the judgment of the purchaser, the contractor fails to supply with any of the other provisions of this contract.
- ii) In the event purchaser terminates the contract in whole or in parts as provided in Clause-1 Section-I, 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 Clause-25 Section –III 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.
- iii) In the event the purchaser does not terminate the contract as provided in Clause – 16 (i) above, 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 Clause-25 Section – III until the equipment is accepted. Execution of the contract under such circumstances shall however be on express written willingness of both the parties.

17. REJECTION OF MATERIALS:

In the event on any of the materials/ equipments 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/equipments 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.
- (v) 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.

18. 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.

19. WARRANTY

- (i) The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract and all the Services configured shall render trouble free function. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the Purchaser's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.
- (ii) This warranty shall remain valid for thirty-six (36) months after the Goods, inspected 100%, have been delivered, commissioned and accepted at the final destination indicated in the Contract or 40 months from the date of 100% inspection and delivery which ever is earlier.
- (iii) **The free comprehensive support during the warranty period will include the following:**
 - a) The vender shall rectify the fault within 24 hours from the time of registration of the call.

- 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 software support like update/enhancement/upgrade etc. Released till the completion of warranty and during Annual Maintenance (if Contracted) shall be supplied, installed and commissioned free of cost by the bidder, irrespective of whether or not OEM charges for the same.
- f) Software support is defined especially as helpdesk, update/enhancement, upgrade, technical guidance on usage of features and functionality, problem solving and troubleshooting. Rectification of bugs, enabling features of the software already provided, providing additional user controlled reports, future product information, migration path details and consultancy.
- g) Any corruption in the Software or media shall be rectified during the full period of the contract including Warranty and AMC, at no extras cost to the OPTCL.
- h) In case of violation of any of the conditions of warranty (for three years). The Composite Bank Guarantee shall be invoked by OPTCL. In case the violation of the condition of warranty is not set right by the vendor, the Composite 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 vendor/bidder, otherwise OPTCL will be forced to invoke the said Composite Bank Guarantee.
 - (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.
 - (v) In case, the downtime of a unit exceeds 24 hours and the fault is not rectified or faulty equipment not replaced within stipulated period as detailed in clause – 22 (iii (b)) above, a penalty of Rs.100/- per day per faulty unit will be charged and will be

recovered from the performance guarantee or from any sum thereafter that may become due to the vendor out of this contract or any other contract with OPTCL, Bhubaneswar. 24 hours or part thereof beyond the stipulated downtime shall be counted as a full day for calculation and imposition of penalty.

- (vi) The System Integrator shall provide quarterly preventive maintenance to all the equipment of the project.

In case of the firm fails to conduct the quarterly preventive maintenance of any equipment / component of the project during the warranty period, a penalty of 10% of the AMC amount of equipment for the quarter for the 1st year of AMC period mentioned in the tender by the firm shall be levied. The penalty amount shall be deducted from the Composite Bank Guarantee of the firm.

NOTE: The penalty will be adjusted from the Composite 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 Composite Bank Guarantee shall be forfeited to the OPTCL.

20. 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. The price shall be taken into account for the bidders quoting for both Item Wise Breakup price and the post warranty AMC price.
- (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 break up of destination price shall given as per Schedule of prices in Section - VI.
- (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 in Section – VI.

21. 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.

22. 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.

23. TERMS OF PAYMENT:

- (i) 75% payment shall be released on delivery of items in good condition, verification and stores entry of the all ordered IT Items which are fully factory inspected and inspection report is duly accepted by IT, OPTCL.
- (ii) Pre-receipted bills in quadruplicate along with necessary delivery challans and related documents should be submitted to the authority for arranging the payment.
- (iii) No advance payment in any form will be made.
- (iv) Handling of foreign exchange component and customs clearance, if any, must be taken care of by the bidder.
- (v) Balance 25% payment shall be made after receipt of successful installation report signed by consignee, purchasers IT representative and submission of composite bank guarantee to the extent of 10% of total contract price.
- (i) The supplier shall furnish Bank Guarantee of appropriate amount to OPTCL covering 10% (Composite Bank Guarantee) of contract price valid for 40 months from scheduled date of delivery. For this purpose the contract price shall mean firm price.

24. COMPOSITE BANK GUARANTEE :

A composite Bank Guarantee at the rate of 10% (Ten percent) of the value of the total project shall be furnished from any Nationalised/Scheduled 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.29/- (Rupees twenty nine) only subject to change as per Orissa Stamp Duty Act valid for a period of 40 (forty) months from the schedule date of

delivery of last lot strictly as per Proforma 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 effect, 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.

25. SERVICE LEVELS AND PENALTIES TOWARDS NON PERFORMANCE

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

i) Penalty

For delay in execution of the contract beyond the stipulated period, penalty @ 0.5% (half percent) for every week of delay or part thereof shall be realized subject to a maximum of 5% of the contract price. The penalty may also be calculated only on the cost of item that are required to be supplied. However, in any case it shall be open to Chief General Manager (IT), OPTCL for final decision in this regard which shall be binding on the contractor.

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 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.

26. 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".

27. 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.

28. JURISDICTION OF THE HIGH COURT OF ORISSA:

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 Orissa extends.

29. SALES TAX, INCOME TAX CLEARANCE, BALANCE SHEET AND PROFIT AND LOSS ACCOUNT:

Photo copies of VAT clearance certificate and service tax registration certificate and PAN should be enclosed with the tender along with Balance Sheet and P&L statement for the three preceding financial years.

30. 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.

31. DEVIATION FROM SPECIFICATION:

It is in the interest of the tenderers to study the specification, specified in the tender schedule thoroughly before tendering so that, if any deviations are made by the tenderers the same are prominently brought out in the body of their tender. A list of deviations shall be enclosed to the Tender. Unless deviations in scope, technical and commercial are specifically mentioned in the list of deviations, it shall be presumed that the tenderer has accepted the conditions in the Tender Specification in toto, notwithstanding any exemptions mentioned also else where in the tender.

32. RIGHT TO REJECT/ACCEPT ANY TENDER:

The purchaser reserves the right either to reject or to accept any or all tenders. The purchaser has exclusive right to alter the quantities of materials or split the order between more than one tenders for any particular item, if considered necessary in the interest of the purchaser to get the same earlier 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.

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. EVALUATION OF BIDS:

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

35. MINIMUM QUALIFICATION CRITERIA OF BIDDERS:

All the prospective bidders are requested to note that their bids can only be considered for evaluation only if they fulfill all the required criteria mentioned in the General Information to Bidders in the tender. Bidders, who do not fulfill these criteria, need not submit their bids.

36. LANGUAGE AND MEASURES:

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

37. 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.

38. LEGAL ADDRESS OF THE PARTIES:

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

PURCHASER:

Chief General Manager (IT), Orissa Power Transmission Corporation Ltd.

CONTRACTOR:

(TO BE FILLED BY THE TENDERER)

39. OUT RIGHT REJECTION OF TENDERS:

Tenders shall be rejected if they are not complying with the following requirements:

1. Tenderer should have purchased the tender document from the office of the purchaser or if down loaded from OPTCL's web site, must have submitted the tender paper cost as per the instruction under clause-5 in the Section-I for "Notice Inviting Tenders".
2. Tenders shall be submitted in person or by Regd. Post with A.D or by Speed Post.
3. Tenders shall not be submitted telegraphically or by Fax.
4. Tenders shall be accompanied by the prescribed earnest money deposit.
5. Tenders shall be kept valid for a period of 180 days from the date of opening of tender.
6. Tenders shall be submitted in two parts only.
7. Tenders shall be accompanied by a list of major supplies effected in the last three (3) years prior to the date of opening of tender.
8. The tender shall be accompanied by PAN, TIN, Photostat copy of latest Sales Tax/ VAT clearance certificates, service tax registration certificate. Normally such certificates should have been issued for the latest financial year 2011-12.
9. The schedule of prices should be filled up fully carefully to indicate the break-up of prices including taxes and duties. (Section – VI).
10. Tenderers shall fulfill the minimum criteria as laid down under clause 10 under Section-I.

40. 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.

41. POST WARRANTY MAINTENANCE:

- (ii) The System Integrator shall provide post warranty maintenance soon after the warranty period is over for a period of three years.
- (iii) A Bank Guarantee of 2% of the cost of the total project (excluding Annual Maintenance Charges) shall be furnished from any Nationalised/ Scheduled Bank to Chief. General Manager (I.T), OPTCL, Bhubaneswar before completion of the warranty period executed in a non-judicial stamp paper worth of Rs. 29/- (Rupees Twenty nine) only or as applicable subject to change as per Orissa Stamp Duty Act. Valid for a period of 37 (Thirty Seven) months from the date of commencement of AMC period.

No interest will be payable on the Bank Guarantee.

(iv) The annual maintenance charges shall be paid in quarterly installments at the end of each quarter.

(v) The firm has to conduct quarterly preventive maintenance of each equipment/component of the project.

In case of the firm fails to conduct the quarterly preventive maintenance of any equipment /component of the project, a penalty of 10% of the AMC charges of the equipment for the quarter shall be deducted from the AMC charges.

(vi) The compressive warranty support & penalties on downtime thereof shall be applicable as specified under the Clause: 19 WARRANTY mentioned above.

(viii). 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.

42. TRAINING

The supplier shall provide exhaustive training on IT Items supplied, in terms of both hardware and software in supplier's premises to Four (4) engineers of OPTCL in Computer Troubleshooting and Maintenance after receiving the firm order at mutually agreed time. Such a training shall be of seven days period.

SECTION - IV

Schedule of Requirements (SOR)

1. IT Equipments

The purchaser's quantity requirement of the materials covered under the schedule is as indicated at Section – I, Clause No.1.A.

2. Service Components

The purchaser's Service Component requirement of the materials covered under Section – I, Clause No. 1.A, is as indicated at Section – I, Clause No.1.C.

Note:

- i) The end of life of all the IT items quoted by the bidder should be a minimum Six(6) years from the bid submission.**

3. Delivery Schedule

The above mentioned IT equipment against this contract are to be delivered as per the final delivery schedule, which shall be communicated at the time of placing Purchase Order to the eligible bidders. However an indicative list of locations have been provided in Annexure-I and II.

4. Resident Service Engineer:

The Successful bidder shall deploy one of their engineers to OPTCL Hqs., exclusively, at no extra cost, to act as resident engineer to coordinate with other engineers of the Supplier for maintenance support all over Orissa during warranty as well as post warranty AMC periods.

SECTION - V

TECHNICAL SPECIFICATIONS

1. Introduction:

Orissa Power Transmission Corporation Limited is planning to strengthen its IT infrastructure by establishing wide area connectivity among all its business functional units such as Corporate office, Circle, Divisional offices and its EHT Grid Substations. In order to fulfill this objective OPTCL is going for the procurement of various IT equipment in its first step.

2. SCOPE

The scope of work includes the supply, installation and configuration of the IT Equipments such as desktop computers and printers that will include the following:

- Supply and installation of the Desktop Computers at various delivery location .
- Supply and installation of the Mono Laser and Color Laser Printers.
- Lifting the replaced IT Equipments as per the quantities mentioned.
- Comprehensive on-site warranty for the products supplied for a period of 3 years.
- Commitment for rendering AMC for 3 years beyond warranty.

3. a). DESKTOP COMPUTERS WITH RHEL 5 / Windows 7 Professional O/S

| Sl.No. | Items | Specifications |
|--------|------------------------------|--|
| 1. | Processor | Intel® 2nd Generation Core i5-2500s (3.00Ghz / 6 MB Cache / 1333 FSB) or higher |
| 2. | Chipset | Intel Q67 Chipset or higher |
| 3. | Motherboard | OEM mother board |
| 4. | Memory | 2x2 GB Dual Channel 1066/1333 MHz DDR3 SDRAM Expandable to 16GB. 4 DIMM Slots |
| 5. | Hard Disk Drive & Controller | 500 GB SATA 7200 rpm or higher (Provision of Total of 2*Internal hard drive support; Support for 10k RPM Hard Drive) RAID0, RAID1 supported |
| 6. | Optical Drive | SATA 16x SuperMulti DVDRW |
| 7. | Graphics | NVIDIA GeForce 310 512 mb DDR3 (VGA+DP) or Intel HD Graphics2000(integrated) |
| 8. | Audio | Integrated (on board) 8-Channel High Definition Audio controller (all ports stereo) with Internal Speaker |
| 9. | Ethernet | Integrated (on-board) Gigabit (10/100/1000 NIC) LAN |

| | | |
|-----|--|---|
| 10. | Bays | Minimum:5 1.Internal drive bay supporting hard disk drive 2.External bay for optional Media Card Reader, pocket media drive, or Secondary HDD 3.Optional optical drive, or other 5.25" device |
| 11. | Slots | Total 4, 2*PCI, 1*PCIX1, 1*PCIX16 Full Height |
| 12. | Ports | Front IO: 2 USB 2.0 ports & MIC, Headset; Rear: 4 USB 2.0 ports (2 USB 2.0 optional on motherboard), 1-Serial port, 1-Parallel Port, 2 PS/2, 1RJ-45, 1 VGA, 1 audio-in, 1 audio-out, 1MIC |
| 13. | Form Factor | Micro ATX Tower |
| 14. | Power Supply | 230 Watts (Surge protected) Efficient PowerSupply, Active PFC, Energy Star 5.0 compliant, EPEAT registered |
| 15. | Monitor | 18.5" TFT Monitor with TCO certification with Stereo Speaker. (Same make as PC) |
| 16. | Keyboard | PS/2 / USB 107 keys keyboard (Same make as PC) |
| 17. | Mouse | Optical USB Interface Scroll Mouse (Same make as PC) |
| 18. | Operating System | (i) Pre installed RHEL Desktop-5 or higher with Restore / Recovery CD media. O/S must have paper license & Documentation. (ii) Pre installed Windows 7 Professional with Restore / Recovery CD media. O/S must have paper license & Documentation. |
| 19. | Drivers for different Operating systems | Drivers should be freely available on OEM's web site |
| 20. | Security | 1. Chassis Intrusion switch 2. Removable media boot control 3. Serial, Parallel & USB Interface Control 4. Power-On Password 5. Setup Password 6. Security Loop 7. Enable or Disable I/O devices through BIOS |
| 21. | Manageability | The following Manageability functions to be provided: 1.Asset Management over LAN / WAN 2.System Health Management 3.Remote Monitoring and failure alerts 4.BIOS diagnostics |
| 22. | Compliance And Certification to be submitted | For OEM: valid ISO 9001:2008, ISO 14001:2004 Certification from Globally Reputed Environmental Institute like Green Guard, Green Channel, Greenpeace rating of 5 or above |
| | | For PC: FCC, UL For Monitor: TCO certification |

3. b). LAPTOP SPECIFICATION

| Sl.No. | Items | Specifications |
|--------|---|---|
| 1. | Processor | Mobile 2nd generation Intel® Corei5-2520M Processor (2.30 Ghz / 3 MB Cache / 1333 MHz FSB) or higher with Intel Turbo Boost Technology |
| 2. | Chipset | Intel® QM67 Express Chipset or higher |
| 3. | Motherboard | OEM mother board |
| 4. | Memory | 4 GB DDR3 SDRAM@1333 MHz or Higher, Supporting dual Channel-memory, Expandable to 8GB |
| 5. | Hard Disk Drive | 500 GB SATA 7200rpm SMART SATA-II |
| 6. | Optical Drive | SuperMulti 8X DVD±R/RW with Double Layer Support preferably Blu-ray ROM SuperMulti DVD±R/RW Double Layer |
| 7. | Graphics | Intel® HD Graphics 3000, or Radeon™ HD 6470M Graphics with 512MB DDR3 VRAM, or Radeon™ HD 6470M Graphics with 1024MB DDR3 VRAM, or NVIDIA N12P-GV with 1024MB DDR3 |
| 8. | Audio | Integrated (on board) 8-Channel High Definition Audio controller |
| 9. | Connectivity | WLAN-Integrated 10/100/1000 BASE-T Ethernet LAN (RJ-45 connector) , WiFi 802.11b/g/n WLAN with Bluetooth WWAN-Qualcomm Gobi™ |
| 10. | Bays | Minimum: 6 |
| 11. | Slots | Total 4, 2*PCI, 1*PCIX1, 1*PCIX16 |
| 12. | Ports | 3 USB, RGB or SVIDEO or VGA /HDMI, PCMCIA/ PCIEXPRESS slot, 3-in-1 card reader, Micro phone, stereo head phone and other Standard Features,RJ-45/Ethernet,power connector |
| 14. | Power Supply | AC supply with Rechargeable battery pack comprising Li-Ion Battery suitable for 6 hours or more complete operation |
| 15. | Display | 14" LED backlit HD anti-glare with active wide screen Display with TCO certification. Resolution 1366X768 or higher |
| 16. | Keyboard | Spill resistant Keyboard with touch pad |
| 17. | Mouse | Optical USB Interface Scroll Mouse (Same make as PC) |
| 18. | Operating System And Anti Virus | Pre installed Windows 7, 64 bit and Quick Heal Internet Security (latest version for 3 year License) with Restore / Recovery CD media O/S must have license & Documentation |
| 19. | Drivers for different Operating systems | Drivers should be freely available on OEM's web site |
| 20. | Security | 1. Removable media boot control |

| | | |
|-----|--|--|
| | | 2. Serial, Parallel & USB Interface Control 3. Power-On Password 4. Setup Password 5. Security Loop 6.Optional Finger Print Sensor |
| 21. | Manageability | The following Manageability functions to be provided: 1.Asset Management 2.System Health Management 3.Remote Monitoring and failure alerts 4.System Protection Tool for situations like Accidental File Deletion, Format of any partition of HDD, Registry repair- restore, Uninstall of Corrupt Installed Software |
| 22. | Compliance And Certification to be submitted | UL, CSA, FCC Compliance, ENERGY STAR compliant Proper e-waste collection and management process (certification preferred) Product to be BFR /PVC Free |
| 23. | Acessories | Carry Case to be provided |
| 24. | Warranty | 3 years on-site and Battery min. 1 year |

3. c). Laser Printer Mono A4

| Sl No | Items | Specification |
|-------|----------------------------------|---|
| 1 | Print speed black (normal, A4) | Min 23 ppm |
| 2 | First page out black (A4, ready) | As fast as 8.5 sec |
| 3 | Print quality black (best) | Up to 1200 x 1200 dpi |
| 4 | Print technology Res | Monochrome Laser |
| 5 | Duty cycle (monthly, A4) | Up to 50000 pages |
| 6 | Recommended monthly page volume | 500 to 3000 |
| 7 | Memory, standard | 128 MB |
| 8 | Memory, maximum | 400 MB |
| 9 | Processor speed | 540 MHz min |
| 10 | Print languages | Postscript level 3 emulation, direct PDF (v 1.4) printing |
| 11 | Paper trays, standard | 3 |
| | Paper handling input, standard | 50-sheet multipurpose tray, two 250-sheet input trays |
| 12 | Paper handling output, standard | 100-sheet rear output bin, 500-sheet top output bin |
| 13 | Maximum dimensions (W x D x H) | 419 x 863 x 736 mm |

| | | |
|----|------------------------------|---|
| 14 | Compatible operating systems | Microsoft® Windows® 2000, XP Home, XP Professional, Server 2003, Windows Vista®, RHEL5 |
| 15 | Media Types | Paper (bond, light, heavy, plain, recycled, rough), envelopes, labels, cardstock, transparencies, heavy media |
| 16 | Power | Input voltage 100 to 127 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) |
| 17 | Certifications | ENERGY STAR® qualified |
| 18 | Connectivity | Fast Ethernet 10/100/1000, Hi-Speed USB 2.0 |
| 19 | Warranty | 3 years on site |
| 20 | Cartridge | Full Cartridge installed |
| 21 | Duplex | Yes |

3. d). Laser Printer Color A3

| Sl No | Item | Specification |
|-------|----------------------------------|--|
| 1 | Print speed black (normal, A4) | Up to 20 ppm |
| 2 | | |
| 3 | Print speed colour (normal, A4) | Up to 20 ppm |
| 4 | Print speed footnote | Exact speed varies depending on the system configuration, software application, driver and document complexity. |
| 5 | First page out color (A4, ready) | As fast as 17 sec |
| 6 | First page out black (A4, ready) | As fast as 16 sec |
| 7 | Print quality black (best) | Up to 600 x 600 dpi |
| 8 | Print quality color (best) | Up to 600 x 600 dpi |
| 9 | Print technology | Laser |
| 10 | Duty cycle (monthly, A4) | Up to 75000 pages |
| 11 | Duty cycle note | Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other |

| | | |
|----|--------------------------------------|--|
| | | LaserJet or Color LaserJet devices, and enables appropriate deployment of printers and MFPs. |
| 12 | Recommended monthly page volume | 1500 to 5000 |
| 13 | Recommended monthly page volume note | Recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. |
| 14 | Memory, standard | 1 slot, 144-pin, DDR2 DIMM |
| 15 | Memory, maximum | 448 MB |
| 16 | Processor speed | 540 MHz |
| 17 | Hard disk | None |
| 18 | Print languages | PCL 6, PCL 5c, Postscript level 3 emulation |

3. e). Multifunction Printer A4

| SI No. | Item | Specification |
|--------|----------------------|--|
| 1 | Print speed | Up to 18 ppm |
| 2 | First-Page-Out | As fast as 8.5 sec |
| 3 | Resolution | Up to 600 x 600 dpi (1200 dpi effective); FastRes 600; FastRes 1200 |
| 4 | Speed | Upto 18cpm A4 |
| 5 | Resolution | Up to 600 x 600 dpi |
| 6 | Resize | 25 to 400% |
| 7 | Scanner Type | Flatbed & ADF |
| 8 | Resolution (Optical) | Up to 600 x 600 dpi |
| 9 | Resolution (HW) | |
| 10 | Bit Depth | 24-bit |
| 11 | Scan Speed (ADF) | Up to 6 ppm |
| 12 | Input | 150-sheet input tray |
| 13 | Output | 100-sheet face-down bin |
| 14 | Media Weight | 60 to 163 g/m ² |
| 15 | Duplex Printing | Manual with e-print facility |
| 16 | Processor | 400 MHz |
| 17 | Memory (Std/Max) | 64MB/64MB |
| 18 | RMPV | 250 to 2000 pages per month |
| 19 | Duty Cycle | Up to 8000 pages |
| 20 | Power Consumption | active: 375 watts; standby: 4.7 watts; powersave: 2 watts; off: 0.3 |

| | | |
|--|--|--------|
| | | watts; |
|--|--|--------|

3. f). Multifunction Printer A3

| Sl No. | Item | Specification |
|--------|----------------------|--|
| 1 | Print speed | Up to 25 ppm, letter |
| 2 | First-Page-Out | Less than 10 seconds |
| 3 | Resolution | FastRes 1200, ProRes 1200 (1200 by 1200 dpi), REt (Resolution Enhancement technology) |
| 4 | Speed | Upto 25cpm |
| 5 | Resolution | Up to 600 x 600 dpi |
| 6 | Resize | 25 to 400% |
| 7 | Max Copies | 1000 copies |
| 8 | Scanner Type | Flatbed & ADF |
| 9 | Resolution (Optical) | Up to 600 x 600 dpi |
| 10 | Bit Depth | 30-bit |
| 11 | Scan Speed (ADF) | Up to 25 ppm |
| 12 | Input | 100-sheet multipurpose tray 1; 250-sheet input trays 2 and 3; 50-sheet ADF (two-sided - DADF) |
| 13 | Output | 250-sheet output bin |
| 14 | Media Weight | Input Trays: 60 to 120 g/m2 ADF: 60 to 105 g/m2 |
| 15 | Duplex Printing | Manual; Optional automatic duplex printing accessory |
| 16 | Interfaces | One Jetdirect Fast Ethernet embedded print server; one Foreign Interface Harness (FIH); one USB type A port, one USB type B port; one open EIO slot; optional analog fax accessory |
| 17 | Languages and fonts | PCL6, PCL5, postscript level 3 emulation; PDF 1.4; 80 Scalable TrueType fonts |
| 18 | Network protocols | IPv6:10 DHCPv6, HTTP, HTTPS, Port 9100, LPD, IIP, Secure IIP, MLDv6, ICMPv6; IPv4: FTP, IPP, Secure IPP, Auto-IP, Apple Bonjour Compatible, Telnet, SLP, IGVPv2, BOOTP/DHCP, WINS, SNMPv1/v2c/v3, TFTP, HTTP, HTTPS, Port9100, LPD; Other: IPX/SPX, DLC. LLC, Apple |
| 19 | Security | Private print, Secure Storage Erase; SNMPv3 and HTTPS, and Secure IPP (IPP-S) and IPsec |
| 20 | Processor | 460 MHz |
| 21 | Memory (Std/Max) | 256MB/512MB |
| 22 | Hard Drive | 40 GB Built-in |
| 23 | RMPV | 3,000 to 12,500 pages per month |
| 24 | Duty Cycle | Up to 2,00,000 pages, e-print facility |
| 25 | Display | Touch screen, LCD (b&w graphics) |

| | | |
|----|-------------------|---|
| 26 | Power Consumption | Active: 600 watts; Active copy: 1265 watts; Ready: 28 watts; Sleep: 24 watts; Off: 0.1 watts |
|----|-------------------|---|

3. g). Scanner A4

| SI No. | Item | Specification |
|--------|-------------------------|---|
| 1 | Scanner Type | Flatbed, ADF |
| 2 | Preview Speed | Up to 7 sec |
| 3 | Scan Speed | ADF (A4) - Up to 8 ppm/4 ipm |
| 4 | Task Speed | 10 x 15 cm colour photo into MS Word: less than 24 sec; OCR a full page of text into MS Word: less than 36 sec; e-mail photo: less than 18 sec |
| 5 | Resolution (Optical/HW) | Up to 2400 dpi optical Up to 2400 x 2400 dpi hardware Up to 999,999 dpi enhanced |
| 6 | Scaling | 10% to 2000% (1% incr) |
| 7 | Bit depth | 48-bit |
| 8 | Scan Formats | Windows: TIFF, TIFF compressed, Bitmap, DCX, PCS, JPEG, GIF, FlashPix, Plain Text, PDF, HTML, Rich Text Macintosh: TIFF, PICT, JPEG, GIF, FlashPix, Plain Text, PDF, HTML, Rich Text |
| 9 | Duty Cycle | 15000 pages per day |
| | Control Panel | 5-button front panel: Scan document, Scan photo, File documents, E-mail, Copy center |
| 10 | Duplex Scan | Yes (ADF) |
| 11 | Sizes | Max: 8.5 x 11 in (21.6 x 27.9 cm); 8.5 x 14 in (21.6 x 35.6 cm) with ADF, simplex mode only |
| 12 | TMA | 35 mm film strips, mounted slides, photos up to 8 x 11 in |
| 13 | Interfaces | Hi-Speed USB compatible with USB 2.0 specifications; |
| 14 | Drivers | TWAIN/WIA |
| 15 | Client OS | Microsoft® Windows® 98, 98 SE, Me, 2000, XP (Professional and Home Editions); Mac OS X (10.1.5, 10.2 or higher) |
| 16 | Power consumption | Operating: 16.6 watts; Ready: 10.6 watts; Sleep: 4.8 watts; Standby/Off: 0.42 watts; |
| 17 | Acoustics | Sound Power: 62.6 dB Sound Pressure: 57.4 dB |

3. h) Anti Virus : Server(Quick Heal Internet Security Admin Console 4.6) based Anti Virus Software additional Licenses yearly basis

3. i). UPS 600 VA Line Interactive UPS with 20 Minutes Back Up

| SI No. | Item | Specification |
|-----------|---|--|
| 1 | INPUT Technology | 600 VA (Line Interactive) UPS with Automatic Built in Voltage Regulator (AVR) |
| 2 | Voltage Range | 140 –300 VAC |
| 3 | Frequency | >40 Hz |
| 4 | OUTPUT Voltage | 230V |
| 5 | Voltage Regulation (Battery Mode) | ± 10 % |
| 6 | Frequency | 50Hz |
| 7 | Frequency Regulation (Battery Mode) | +/-1% |
| 8 | Output Waveform | Simulated Sinewave |
| 9 | Overload | 110% for 5 minutes on “Mains” mode |
| 10 | Sockets | 3 Pin 6Amp Indian Type Sockets |
| 11 | BATTERY In Built Battery | 12Vx7AHx1 Nos Dry Type of Reputed Make |
| 12 | Backup Time | Min 20 Minutes with PC 15” monitor |
| 13 | Typical Recharge Time | 4 Hours to 90% |
| 14 | TRANSFER TIME Typical | 4-6ms |
| 15 | INDICATOR AC Mode | Green Lighting |
| 16 | Backup Mode | Yellow Flashing |
| 17 | Fault | The red lighting |
| 18 | AUDIBLE ALARM Backup Mode | Sounding every 10 seconds |
| 19 | Low Battery | Sounding every second |
| 20 | Overload | Sounding every 0.5 seconds |
| 21 | Battery Replacement | Sounding every 2 seconds |
| 22 | Fault | Continuously sounding |
| 23 | PROTECTION Full Protection | No Load Shut Down, Discharge, Overcharge and Overload Protection with Surge should be there. |
| 24 | PHYSICAL Dimension (mm), WxDxH | The UPS Indicative Dimension should be 100x287x142 or less than that to minimize the Foot Print. |
| 25 | Net Weight | 7KG max |
| 26 | ENVIRONMENT Operating Temperature | 0 – 40 °C. |
| 27 | Storage Temperature | -20 – 50 °C. |
| 28 | Operating/Storage Relative Humidity | 0-90% Non Condensing |
| 29 | Certification | Valid ISO-14001 & 9001 |
| 30 | Warranty | 3 Year Comprehensive On Site Warranty Including labour, Sapre with Battery. |

3 j). All-in-One Desktop PC

| Sl.No. | Items | Specifications |
|--------|------------------------------|--|
| 1. | Processor | Intel® 2nd Generation Core i7-2630QM (2.00Ghz/ 6 MB Cache / 1333 FSB) or higher |
| 2. | Chipset | Mobile Intel HM65 Express Chipset |
| 3. | Motherboard | OEM mother board |
| 4. | Memory | 2x2 GB Dual Channel 1333 MHz DDR3 SDRAM Expandable to 8GB. 4 DIMM Slots |
| 5. | Hard Disk Drive & Controller | 1 TB SATA 7200 rpm or higher |
| 6. | Optical Drive | SATA 16x SuperMulti DVDRW |
| 7. | TV Tuner | Built in ATSC Digital TV Tuner |
| 8. | Graphics | NVIDIA GeForce 310 512 mb DDR3 (VGA+DP) or Intel HD Graphics2000(integrated) |
| 9. | Audio | Integrated (on board) 8-Channel High Definition Audio controller (all ports stereo) with Internal Speaker |
| 10. | Communication | 1.3 MP Webcam and Microphone Integrated (on-board) Gigabit (10/100/1000 NIC) LAN WiFi Wireless Net(802.11b/g/n) |
| 11 | Power | 120W 100-240 V/50-60Hz AC adapter |
| 12. | Bays | Minimum:5 1.Internal drive bay supporting hard disk drive 2.External bay for optional Media Card Reader, pocket media drive, or Secondary HDD 3.Optional optical drive, or other 5.25" device |
| 13. | Slots | Total 4, 2*PCI, 1*PCIX1, 1*PCIX16 Full Height |
| 14. | Ports | Front IO: 2 USB 2.0 ports & MIC, Headset; Rear: 4 USB 2.0 ports (2 USB 2.0 optional on motherboard), 1-Serial port, 1-Parallel Port, 2 PS/2, 1RJ-45, 1 VGA, 1 audio-in, 1 audio-out, 1MIC |
| 15. | Form Factor | Micro ATX Tower |
| 16. | Power Supply | 230 Watts (Surge protected) Efficient PowerSupply, Active PFC, Energy Star 5.0 compliant, EPEAT registered |
| 17. | Monitor | 21" TFT Monitor with touch screen and stereo speaker having TCO certification |
| 18. | Keyboard | Wireless with 10 key pad keyboard (Same make as PC) |
| 19. | Mouse | Wireless Mouse (Same make as PC) |
| 20 | Operating System | Pre installed Windows 7 Professional with Restore / Recovery CD media. O/S must have paper license & Documentation. |
| 21. | Drivers for different | Drivers should be freely available on OEM's web site |

| | | |
|-----|--|---|
| | Operating systems | |
| 22. | Security | <ol style="list-style-type: none"> 1. Removable media boot control 2. Serial, Parallel & USB Interface Control 3. Power-On Password 4. Setup Password 5. Security Loop 6. Optional Finger Print Sensor |
| 23. | Manageability | <p>The following Manageability functions to be provided:</p> <ol style="list-style-type: none"> 1. Asset Management 2. System Health Management 3. Remote Monitoring and failure alerts 4. System Protection Tool for situations like Accidental File Deletion, Format of any partition of HDD, Registry repair- restore, Uninstall of Corrupt Installed Software |
| 24. | Compliance And Certification to be submitted | <p>UL, CSA, FCC Compliance, ENERGY STAR compliant Proper e-waste collection and management process (certification preferred) Product to be BFR /PVC Free</p> |
| | Accessories | Carry Case to be provided |

CHIEF GENERAL MANAGER (IT)

SECTION - VI

SCHEDULE-1

Procurement of IT Equipment

BID FORM

To:

Chief General Manager (IT),
Orissa Power Transmission Corporation Limited
2nd Floor, Bidyut Bhawan, 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 Equipment”** 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 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 of200.....

Signature in the capacity of

..... duly authorised to sign for and on behalf of

(IN BLOCK LETTERS)

SCHEDULE-2

MANUFACTURER'S AUTHORISATION FORM

[See Clause 9 (d) of the General Information to Bidders.]

No. _____
Dated _____

To:
The Chief General Manager (IT),
Orissa Power Transmission Corporation Ltd.,
2nd Floor, Bidyut Bhavan,
Janpath, Saheed Nagar,
Bhubaneswar - 751 022.
Orissa
INDIA

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 guarantee and warranty as per Clause 19 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.

SCHEDULE - 3

Procurement IT Equipment

Price Schedule For Goods

Bidder's Name & Address :

I. PRICE BID FOR IT EQUIPMENT (General Supply) :

| 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. |
|-------------------------|---|---|----------------|--|----------------------------|---|---|--|---|---|---|---|
| Sl. No. | Description | C o u n t r y o f O r i g i n | Qty. (nos.) | Unit Price ex- works /ex- wareh ouse/e x- showr oom/o ff the self | Excise duty, if any, | Packing and forwardi ng charges | Unit cost of Inland transportation, insurance and other local costs incidental to delivery to final destination(s) (F and I) | Sales taxes payable, if Contract is awarded | Applicable duties and levies other than sales tax Please Specify | Unit Price Col. 5+6+7+8 +9+10 | Total Price Amount in Rs. (Col. 4 x 11) | Total Price in Words (Amt in Rs.) |
| 1. IT Components | | | | | | | | | | | | |
| 1 | Desktop Computers with RHEL 5.0 or higher | | 263 | | | | | | | | | |
| 2 | Desktop Computers with Windows 7 Professional | | 115 | | | | | | | | | |
| 3 | Laptop | | 171 | | | | | | | | | |
| 4 | Laser Printer (Mono A4) | | 51 | | | | | | | | | |
| 5 | Laser Printer (Color A3) | | 9 | | | | | | | | | |

| | | | | | | | | | | | | | |
|--------------------|-----------------------------------|--|-----|--|--|--|--|--|--|--|--|--|--|
| 6 | Multi Functional Laser Printer A4 | | 149 | | | | | | | | | | |
| 7 | Multi Functional Laser Printer A3 | | 14 | | | | | | | | | | |
| 8 | Scanner A4 | | 8 | | | | | | | | | | |
| 9 | UPS (600 VA) LI | | 400 | | | | | | | | | | |
| 10 | All-in-one Desktop PC | | 10 | | | | | | | | | | |
| Sub Total I | | | | | | | | | | | | | |

II. PRICE BID FOR IT EQUIPMENT (Replacement Supply) :

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|-------------------------|-------------------|-------------------|-------------|--|----------------------|--------------------------------|--|---|---|------------------------------|---------------------------|--|---------------------------|
| Sl. No | Description | Country of Origin | Qty. (nos.) | Unit Price ex-works/ex-warehouse /ex-showroom/off the self | Excise duty, if any, | Packing and forwarding charges | Unit cost of Inland transportation, insurance and other local costs incidental to delivery to final destination(s) (F and I) | Sales taxes payable, if Contract is awarded | Applicable duties and levies other than sales tax | Unit Price Col. 5+6+7+8+9+10 | Total Price (Col. 4 x 11) | Reduction amount on base price offered on take-back of one obsolete item by the Bidder | Col 12 – Col 13 x Col 4 = |
| 1. IT Components | | | | | | | | | | | | | |
| 1 | Desktop Computers | | 220 | | | | | | | | | | |
| Sub Total II | | | | | | | | | | | | | |

- Note: 1) The bidders may inspect the As-Is conditions of the old and replacement PCs at their own cost.
- 2) Quantities of Replacement PCs are likely to change.
 - 3) However the Price evaluation shall be based on the numbers mentioned in **I & II** above.

III. PRICE BID FOR POST WARRANTY 3(THREE) YEARS ON SITE COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT :

| Sl. No | Description | Quantity | AMC Price for 1st Year (In Rs.) | | AMC Price for 2nd Year (In Rs.) | | AMC Price for 3rd Year (In Rs.) | |
|---|-------------|----------|---|-------------|---|-------------|---|-------------|
| | | | Unit Price | Total Price | Unit Price | Total Price | Unit Price | Total Price |
| | | | IT Equipments | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | Total for 1st year(1) | | Total for 2nd year(2) | | Total for 3rd year(3) | |
| | | | Sub Total III {for 3 years(1+2+3)} | | | | | |
| Grand Total {Sub Total I+ SubTotal II+ Sub Total III } | | | | | | | | |

Date: _____ (Signature)

Place: _____ (Printed Name)

(Designation)

(Common Seal)

Note:

- (1) In case of discrepancy between unit price and total, the unit price shall prevail.
- (2) Continuation sheets of like size and format may be used as per the Bidder's requirement and shall be annexed to this schedule.

- (3) @ 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 IT Equipment

(Qualifying Requirement Data)

Bidder's Name & Address:

In accordance with **the Clause 10.0 of Section-I “General Information to Bidders” and Clause 14.0 of Section-II “Instructions to Bidders”**, we are furnishing the following details/documents in support of Qualifying requirement for the Contract.

1.0 Attached copies of original documents defining:

- (a) The constitution or legal status;
- (b) The place of registration and principal place of business;
- (c) Written power of attorney of the signatory of the bid to commit the Bidder.

2.0 Attached copies of original agreements:

- (a) Signed so as to legally bind all partners, jointly and severally; and
- (b) Submitted with a joint venture agreement providing the joint and several liabilities that of all partners in the event the Contract is awarded to us.

3.0 Attached copies of original letter of authority to seek reference from our banks.

4.0 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 |

Page 2 of 7

| Nationality of owners | | |
|-----------------------|------|-------------|
| | Name | Nationality |
| 1. | | |
| 2. | | |
| 3. | | |

5.0 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 (c) Is property on lease or free hold? If on lease, indicate date of expiry of lease in such case (d) Details of plant and facilities for manufacture/assembly of the goods | |
| 4. | Type of equipment manufactured and supplied during last three years. | |

| Name of equipment | Capacity/Size | Nos. manufactured | Nos. of orders on hand | |
|-------------------|---|---|------------------------------------|---------------------------|
| | | | | |
| 5. | Types of equipment supplied during last three years other than those covered under 4 above. | | | |
| Name of equipment | Capacity, size & model | Name of Manufacturers & country of origin | Total nos. supplied in India | Nos. on orders on hand |

Capability Statement (contd.)

| | | | | |
|-----|--|--|--|--|
| 6. | Turnover for similar equipment sold in last three years (in Indian Rupees) | | | |
| 7. | Details of Testing facilities available a) List testing equipment available b) Give details of tests, which can be carried out on items offered. c) Details of testing organization available | | | |
| 8. | Personnel/Organization: (Give Organization chart for following indicating clearly the Nos. of employees at various levels) | | | |
| | 1. Quality Assurance 2. Production 3. Marketing 4. Service 5. Spare parts 6. Administrative | | | |
| 9. | Nearest service centres to each of the destination installations: Location: Phone No.: Year of Establishment: | | | |
| 10. | 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 | | | |
| 11. | 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) | |

6.0 Financial Capabilities

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. A copy of the audited balance sheets should be attached.

| | |
|--|--|
| 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.

| Financial information in Indian Rupees | Actual : | | | Projected : | | |
|---|----------------------|---|---|------------------|---|---|
| | Previous three years | | | next three years | | |
| | 1 | 2 | 3 | 4 | 5 | 6 |
| 1. Total assets | | | | | | |
| 2. Current assets | | | | | | |
| 3. Total liabilities | | | | | | |
| 4. Current liabilities | | | | | | |
| 5. Profits before taxes | | | | | | |
| 6. Profits after taxes | | | | | | |

Specify proposed sources of financing to meet the cash flow demands of the Project, net of current commitments

| Source of financing | Amount (Indian Rupees) |
|---------------------|------------------------|
| 1. | |

| | |
|----|--|
| 2. | |
| 3. | |

Attach audited financial statements for the last three years.

SCHEDULE - 4

7.0 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 or US \$ equivalent) |
|------|--------------------------------|---|--|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

8.0 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)

9.0 Details of Service Support

| | | SERVICE CENTRE AT BHUBANESWAR AND SUPPORT AT OTHER LOCATIONS OF ORISSA | | | | | | | |
|-----------|-------------|--|---------|---|------------------------------|------------------------------|--------------------------|--|---|
| | | 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)

SCHEDULE – 5

Procurement of IT Equipment

(DEVIATIONS AND ALTERNATIVES)

The Bidder shall itemise 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 **Clause 5 of Section-II “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)

SCHEDULE - 6

Procurement of IT Equipment

(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)

SCHEDULE-7

Technical Compliance

3. a). DESKTOP COMPUTERS WITH RHEL 5 / Windows 7 Professional O/S

| Sl.No. | Items | Specifications | Bidders Response(Y/N) | Remarks |
|---------------|------------------------------|--|------------------------------|----------------|
| 1. | Processor | Intel® 2nd Generation Core i5-2500s (3.00Ghz / 6 MB Cache/ 1333 FSB) or higher | | |
| 2. | Chipset | Intel Q67 Chipset or higher | | |
| 3. | Motherboard | OEM mother board | | |
| 4. | Memory | 2x2 GB Dual Channel 1066/1333 MHz DDR3 SDRAM Expandable to 8GB. 4 DIMM Slots | | |
| 5. | Hard Disk Drive & Controller | 500 GB SATA 7200 rpm or higher (Provision of Total of 2*Internal hard drive support; Support for 10k RPM Hard Drive) | | |
| 6. | Optical Drive | SATA 16x SuperMulti DVD RW | | |
| 7. | Graphics | NVIDIA GeForce 310 512 mb DDR3 (VGA+DP) or Intel HD Graphics2000(integrated) | | |
| 8. | Audio | Integrated (on board) 8-Channel High Definition Audio controller (all ports stereo) with Internal Speaker | | |
| 9. | Ethernet | Integrated (on-board) Gigabit (10/100/1000 NIC) LAN | | |
| 10. | Bays | Minimum:5 1.Internal drive bay supporting hard disk drive 2.External bay for optional Media Card Reader, pocket media drive, or Secondary HDD 3.Optional optical drive, or other 5.25" device | | |
| 11. | Slots | Total 4, 2*PCI, 1*PCIX1, 1*PCIX16 Full Height | | |
| 12. | Ports | Front IO: 2 USB 2.0 ports & MIC, Headset; Rear: 4 USB 2.0 ports (2 USB 2.0 optional on motherboard), 1-Serial port, | | |

| | | | | |
|-----|---|--|-----|-----|
| | | 1-Parallel Port, 2 PS/2, 1RJ-45, 1 VGA, 1 audio-in, 1 audio-out, 1MIC | | |
| 13. | Form Factor | Micro ATX Tower | | |
| 14. | Power Supply | 230 Watts (Surge protected) Efficient Power Supply, Active PFC, Energy Star 5.0 compliant, EPEAT registered | | |
| 15. | Monitor | 18.5" TFT Monitor with TCO certification with Stereo Speaker. (Same make as PC) | | |
| 16. | Keyboard | PS/2 / USB 107 keys keyboard(Same make as PC) | | |
| 17. | Mouse | Optical USB Interface Scroll Mouse (Same make as PC) | | |
| 18. | Operating System | (i) Pre installed RHEL Desktop-5 or higher with Restore / Recovery CD media. O/S must have paper license & Documentation. | | |
| | | (ii) Pre installed Windows 7 Professional with Restore / Recovery CD media. O/S must have paper license & Documentation. | | |
| 19. | Drivers for different Operating systems | Drivers should be freely available on OEM's web site | | |
| 20. | Security | <ul style="list-style-type: none"> 8. Chassis Intrusion switch 9. Removable media boot control 10. Serial, Parallel & USB Interface Control 11. Power-On Password 12. Setup Password 13. Security Loop 14. Enable or Disable I/O devices through BIOS | 15. | 16. |
| 21. | Manageability | <p>The following Manageability functions to be provided:</p> <ul style="list-style-type: none"> 1.Asset Management overLAN / WAN 2.System Health Management 3.Remote Monitoring and failure alerts 4.BIOS diagnostics | | |
| 22. | Compliance And Certification to | For OEM: valid ISO 9001:2008, ISO 14001:2004 | | |

| | | | | |
|----|--------------|--|--|--|
| | be submitted | Certification from Globally Reputed Environmental Institute Green Guard, Green Channel, Greenpeace rating of 5 or above | | |
| | | For PC: FCC, UL For Monitor: TCO certification | | |
| 23 | Waranty | 3 years on site | | |

3. b). LAPTOP SPECIFICATION

| Sl.No. | Items | Specifications | Bidders Response(Y/N) | Remarks |
|--------|-----------------|---|-----------------------|---------|
| 1. | Processor | Mobile 2nd generation Intel® Core i5-2520M Processor (2.30 Ghz / 3 MB Cache / 1333 MHz FSB) or higher with Intel Turbo Boost Technology | | |
| 2. | Chipset | Intel® QM67 Express Chipset or higher | | |
| 3. | Motherboard | OEM mother board | | |
| 4. | Memory | 4 GB DDR3 SDRAM@1333 MHz or Higher, Supporting dual Channel-memory, Expandable to 8GB | | |
| 5. | Hard Disk Drive | 500 GB SATA 7200rpm SMART SATA-II | | |
| 6. | Optical Drive | SuperMulti 8X DVD±R/RW with Double Layer Support preferably Blu-ray ROM SuperMulti DVD±R/RW Double Layer | | |
| 7. | Graphics | Intel® HD Graphics 3000, or Radeon™ HD 6470M Graphics with 512MB DDR3 VRAM, or Radeon™ HD 6470M Graphics with 1024MB DDR3 VRAM, or NVIDIA N12P-GV with 1024MB DDR3 | | |
| 8. | Audio | Integrated (on board) 8-Channel High Definition Audio controller | | |
| 9. | Connectivity | WLAN-Integrated 10/100/1000 BASE-T Ethernet LAN (RJ-45 connector) , 802.11b/g/n WLAN with Bluetooth WWAN-Qualcomm Gobi™ | | |
| 10. | Bays | Minimum: 6 | | |
| 11. | Slots | Total 4, 2*PCI, 1*PCIX1, 1*PCIX16 | | |
| 12. | Ports | 3 USB, RGB or SVIDEO or VGA /HDMI, PCMCIA/ PCIEXPRESS slot, 3-in-1 card reader, Micro phone, stereo head phone and other Standard Features,RJ-45/Ethernet,power connector | | |
| 14. | Power Supply | AC supply with Rechargeable battery pack comprising Li-Ion Battery suitable for 6 hours or more complete operation | | |

| | | | | |
|-----|--|---|--|--|
| 15. | Display | 14" LED backlit HD anti-glare with active wide screen Display with TCO certification. Resolution 1366X768 or higher | | |
| 16. | Keyboard | Spill resistant Keyboard with touch pad | | |
| 17. | Mouse | Optical USB Interface Scroll Mouse (Same make as PC) | | |
| 18. | Operating System And Anti Virus | Pre installed Windows 7, 64 bit and Quick Heal Internet Security (latest version for 3 year License) with Restore / Recovery CD media O/S must have license & Documentation | | |
| 19. | Drivers for different Operating systems | Drivers should be freely available on OEM's web site | | |
| 20. | Security | 1. Removable media boot control 2. Serial, Parallel & USB Interface Control 3. Power-On Password 4. Setup Password 5. Security Loop 6. Optional Finger Print Sensor | | |
| 21. | Manageability | The following Manageability functions to be provided: 1. Asset Management 2. System Health Management 3. Remote Monitoring and failure alerts 4. System Protection Tool for situations like Accidental File Deletion, Format of any partition of HDD, Registry repair- restore, Uninstall of Corrupt Installed Software | | |
| 22. | Compliance And Certification to be submitted | UL, CSA, FCC Compliance, ENERGY STAR compliant Proper e-waste collection and management process (certification preferred) Product to be BFR /PVC Free | | |
| 23. | Accessories | Carry Case to be provided | | |
| 24. | Warranty | 3 years on-site and Battery min. 1 year | | |

3. c). Laser Printer Mono A4

| Sl No | Items | Specification | Bidders Response(Y/N) | Remarks |
|-------|----------------------------------|--------------------|-----------------------|---------|
| 1 | Print speed black (normal, A4) | Min 23 ppm | | |
| 2 | First page out black (A4, ready) | As fast as 8.5 sec | | |

| | | | | |
|----|---------------------------------|---|--|--|
| 3 | Print quality black (best) | Up to 1200 x 1200 dpi | | |
| 4 | Print technology Res | Monochrome Laser | | |
| 5 | Duty cycle (monthly, A4) | Up to 50000 pages | | |
| 6 | Recommended monthly page volume | 500 to 3000 | | |
| 7 | Memory, standard | 128 MB | | |
| 8 | Memory, maximum | 400 MB | | |
| 9 | Processor speed | 600 MHz min | | |
| 10 | Print languages | Postscript level 3 emulation, direct PDF (v 1.4) printing | | |
| 11 | Paper trays, standard | 3 | | |
| | Paper handling input, standard | 50-sheet multipurpose tray, two 250-sheet input trays | | |
| 12 | Paper handling output, standard | 100-sheet rear output bin, 500-sheet top output bin | | |
| 13 | Maximum dimensions (W x D x H) | 419 x 863 x 736 mm | | |
| 14 | Compatible operating systems | Microsoft® Windows® 2000, XP Home, XP Professional, Server 2003, Windows Vista®, RHEL5 | | |
| 15 | Media Types | Paper (bond, light, heavy, plain, recycled, rough), envelopes, labels, cardstock, transparencies, heavy media | | |
| 16 | Power | Input voltage 100 to 127 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) | | |

| | | | | |
|----|----------------|---|--|--|
| 17 | Certifications | ENERGY STAR® qualified | | |
| 18 | Connectivity | Fast Ethernet 10/100/1000, Hi-Speed USB 2.0 | | |
| 19 | Warranty | 3 years on site | | |
| 20 | Cartridge | Full Cartridge installed | | |
| 21 | Duplex | Yes | | |

3. d). Laser Printer Color A3

| SI No | Item | Specification | Bidders Response(Y/N) | Remarks |
|-------|----------------------------------|--|-----------------------|---------|
| 1 | Print speed black (normal, A4) | Up to 20 ppm | | |
| 2 | | | | |
| 3 | Print speed colour (normal, A4) | Up to 20 ppm | | |
| 4 | Print speed footnote | Exact speed varies depending on the system configuration, software application, driver and document complexity. | | |
| 5 | First page out color (A4, ready) | As fast as 17 sec | | |
| 6 | First page out black (A4, ready) | As fast as 16 sec | | |
| 7 | Print quality black (best) | Up to 600 x 600 dpi | | |
| 8 | Print quality color (best) | Up to 600 x 600 dpi | | |
| 9 | Print technology | Laser | | |
| 10 | Duty cycle (monthly, A4) | Up to 75000 pages | | |
| 11 | Duty cycle note | Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product | | |

| | | | | |
|----|--------------------------------------|--|--|--|
| | | robustness in relation to other LaserJet or Color LaserJet devices, and enables appropriate deployment of printers and MFPs. | | |
| 12 | Recommended monthly page volume | 1500 to 5000 | | |
| 13 | Recommended monthly page volume note | Recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. | | |
| 14 | Memory, standard | 1 slot, 144-pin, DDR2 DIMM | | |
| 15 | Memory, maximum | 448 MB | | |
| 16 | Processor speed | 540 MHz | | |
| 17 | Hard disk | None | | |
| 18 | Print languages | PCL 6, PCL 5c, Postscript level 3 emulation | | |
| 19 | Warranty | 3 years onsite | | |

3. e). Multifunction Printer A4

| SI No. | Item | Specification | Bidders Response(Y/N) | Remarks |
|--------|----------------|---|-----------------------|---------|
| 1 | Print speed | Up to 18 ppm | | |
| 2 | First-Page-Out | As fast as 8.5 sec | | |
| 3 | Resolution | Up to 600 x 600 dpi (1200 dpi effective); FastRes 600; FastRes 1200 | | |
| 4 | Speed | Upto 18cpm A4 | | |

| | | | | |
|----|----------------------|--|--|--|
| 5 | Resolution | Up to 600 x 600 dpi | | |
| 6 | Resize | 25 to 400% | | |
| 7 | Scanner Type | Flatbed & ADF | | |
| 8 | Resolution (Optical) | Up to 600 x 600 dpi | | |
| 9 | Resolution (HW) | | | |
| 10 | Bit Depth | 24-bit | | |
| 11 | Driver Interface | TWAIN & WIA | | |
| 12 | Scan Speed (ADF) | Up to 6 ppm | | |
| 13 | Input | 150-sheet input tray | | |
| 14 | Output | 100-sheet face-down bin | | |
| 15 | Media Weight | 60 to 163 g/m ² | | |
| 16 | Duplex Printing | Manual | | |
| 17 | Processor | 400 MHz | | |
| 18 | Memory (Std/Max) | 64MB/64MB | | |
| 19 | RMPV | 250 to 2000 pages per month | | |
| 20 | Duty Cycle | Up to 8000 pages | | |
| 21 | Power Consumption | active: 375 watts; standby: 4.7 watts; powersave: 2 watts; off: 0.3 watts; | | |
| 22 | Warranty | 3 years onsite | | |

3. f). Multifunction Printer A3

| SI No. | Item | Specification | Bidders Response (Y/N) | Remarks |
|--------|----------------------|---|------------------------|---------|
| 1 | Print speed | Up to 25 ppm, letter | | |
| 2 | First-Page-Out | Less than 10 seconds | | |
| 3 | Resolution | FastRes 1200, ProRes 1200 (1200 by 1200 dpi), REt (Resolution Enhancement technology) | | |
| 4 | Speed | Upto 25cpm | | |
| 5 | Resolution | Up to 600 x 600 dpi | | |
| 6 | Resize | 25 to 400% | | |
| 7 | Max Copies | 1000 copies | | |
| 8 | Scanner Type | Flatbed & ADF | | |
| 9 | Resolution (Optical) | Up to 600 x 600 dpi | | |
| 10 | Bit Depth | 30-bit | | |
| 11 | Driver Interface | TWAIN & WIA | | |
| 12 | Scan Speed (ADF) | Up to 25 ppm | | |

| | | | | |
|----|------------------------|--|--|--|
| 13 | Input | 100-sheet multipurpose tray 1; 250-sheet input trays 2 and 3; 50-sheet ADF (two-sided - DADF) | | |
| 14 | Output | 250-sheet output bin | | |
| 15 | Media Weight | Input Trays: 60 to 120 g/m2 ADF: 60 to 105 g/m2 | | |
| 16 | Duplex Printing | Manual; Optional automatic duplex printing accessory | | |
| 17 | Interfaces | One Jetdirect Fast Ethernet embedded print server; one Foreign Interface Harness (FIH); one USB type A port, one USB type B port; one open EIO slot; optional analog fax accessory | | |
| 18 | Languages and fonts | PCL6, PCL5, postscript level 3 emulation; PDF 1.4; 80 Scalable TrueType fonts | | |
| 19 | Network protocols | IPv6:10 DHCPv6, HTTP, HTTPS, Port 9100, LPD, IIP, Secure IIP, MLDv6, ICMPv6; IPv4: FTP, IPP, Secure IPP, Auto-IP, Apple Bonjour Compatible, Telnet, SLP, IGVp2, BOOTP/DHCP, WINS, SNMPv1/v2c/v3, TFTP, HTTP, HTTPS, Port9100, LPD; Other: IPX/SPX, DLC. LLC, Apple | | |
| 20 | Security | Private print, Secure Storage Erase; SNMPv3 and HTTPS, and Secure IPP (IPP-S) and IPsec | | |
| 21 | Processor | 460 MHz | | |
| 22 | Memory (Std/Max) | 256MB/512MB | | |
| 23 | Hard Drive | 40 GB Built-in | | |
| 24 | RMPV | 3,000 to 12,500 pages per month | | |
| 25 | Duty Cycle | Up to 2,00,000 pages | | |
| 26 | Display | Touch screen, LCD (b&w graphics) | | |
| 27 | Power Consumption | Active: 600 watts; Active copy: 1265 watts; Ready: 28 watts; Sleep: 24 watts; Off: 0.1 watts | | |
| 28 | Warranty | 3 years On site | | |

3. g). Scanner A4

| SI No. | Item | Specification | Bidders Response(Y/N) | Remarks |
|---------------|-------------------------|---|------------------------------|----------------|
| 1 | Scanner Type | Flatbed, ADF | | |
| 2 | Preview Speed | Up to 7 sec | | |
| 3 | Scan Speed | ADF (A4) - Up to 8 ppm/4 ipm | | |
| 4 | Task Speed | 10 x 15 cm colour photo into MS Word: less than 24 sec; OCR a full page of text into MS Word: less than 36 sec; e-mail photo: less than 18 sec | | |
| 5 | Resolution (Optical/HW) | Up to 2400 dpi optical Up to 2400 x 2400 dpi hardware Up to 999,999 dpi enhanced | | |
| 6 | Scaling | 10% to 2000% (1% incr) | | |
| 7 | Bit depth | 48-bit | | |
| 8 | Scan Formats | Windows: TIFF, TIFF compressed, Bitmap, DCX, PCS, JPEG, GIF, FlashPix, Plain Text, PDF, HTML, Rich Text Macintosh: TIFF, PICT, JPEG, GIF, FlashPix, Plain Text, PDF, HTML, Rich Text | | |
| 9 | Duty Cycle | 15000 pages per day | | |
| | Control Panel | 5-button front panel: Scan document, Scan photo, File documents, E-mail, Copy center | | |
| 10 | Duplex Scan | Yes (ADF) | | |
| 11 | Sizes | Max: 8.5 x 11 in (21.6 x 27.9 cm); 8.5 x 14 in (21.6 x 35.6 cm) with ADF, simplex mode only | | |
| 12 | TMA | 35 mm film strips, mounted slides, photos up to 8 x 11 in | | |
| 13 | Interfaces | Hi-Speed USB compatible with USB 2.0 specifications; | | |
| 14 | Drivers | TWAIN/WIA | | |
| 15 | Client OS | Microsoft® Windows® 98, 98 SE, Me, 2000, XP (Professional and Home Editions); Mac OS X (10.1.5, 10.2 or higher) | | |
| 16 | Power consumption | Operating: 16.6 watts; Ready: 10.6 watts; Sleep: 4.8 watts; Standby/Off: 0.42 watts; | | |
| 17 | Acoustics | Sound Power: 62.6 dB Sound Pressure: 57.4 dB | | |

| | | | | |
|----|----------|-----------------|--|--|
| 18 | Warranty | 3 years on site | | |
|----|----------|-----------------|--|--|

3. h) Anti Virus : Quick Heal Internet Security Server (latest version for 3 year License) with desired number of user licenses.

3. i). UPS 600 VA Line Interactive UPS with 20 Minutes Back Up

| SI No. | Item | Specification | Bidders Response(Y/N) | Remarks |
|-----------|--------------------------------------|--|-----------------------|---------|
| 1 | INPUT Technology | 600 VA (Line Interactive) UPS with Automatic Built in Voltage Regulator (AVR) | | |
| 2 | Voltage Range | 140 -300 VAC | | |
| 3 | Frequency | >40 Hz | | |
| 4 | OUTPUT Voltage | 230V | | |
| 5 | Voltage Regulation (Battery Mode) | ± 10 % | | |
| 6 | Frequency | 50Hz | | |
| 7 | Frequency Regulation (Battery Mode) | +/-1% | | |
| 8 | Output Waveform | Simulated Sinewave | | |
| 9 | Overload | 110% for 5 minutes on "Mains" mode | | |
| 10 | Sockets | 3 Pin 6Amp Indian Type Sockets | | |
| 11 | BATTERY In Built Battery | 12Vx7AHx1 Nos Dry Type of Reputed Make | | |
| 12 | Backup Time | Min 20 Minutes with PC 15" monitor | | |
| 13 | Typical Recharge Time | 4 Hours to 90% | | |
| 14 | TRANSFER TIME Typical | 4-6ms | | |
| 15 | INDICATOR AC Mode | Green Lighting | | |
| 16 | Backup Mode | Yellow Flashing | | |
| 17 | Fault | The red lighting | | |
| 18 | AUDIBLE ALARM Backup Mode | Sounding every 10 seconds | | |
| 19 | Low Battery | Sounding every second | | |
| 20 | Overload | Sounding every 0.5 seconds | | |
| 21 | Battery Replacement | Sounding every 2 seconds | | |
| 22 | Fault | Continuously sounding | | |
| 23 | PROTECTION Full Protection | No Load Shut Down, Discharge, Overcharge and Overload Protection with Surge should be there. | | |

| | | | | |
|----|---|--|--|--|
| 24 | PHYSICAL Dimension (mm),WxDxH | The UPS Indicative Dimension should be 100x287x142 or less than that to minimize the Foot Print. | | |
| 25 | Net Weight | 7KG max | | |
| 26 | ENVIRONMENT Operating Temperature | 0 – 40 °C. | | |
| 27 | Storage Temperature | -20 – 50 °C. | | |
| 28 | Operating/Storage Relative Humidity | 0-90% Non Condensing | | |
| 29 | Certification | Valid ISO-14001 & 9001 | | |
| 30 | Warranty | 3 Year Comprehensive On Site Warranty Including labour,Sapre with Battery. | | |

3. j) All-in-one Desktop PC

| Sl.No. | Items | Specifications | Bidders Response (Y/N) | Remarks |
|--------|------------------------------|---|------------------------|---------|
| 1. | Processor | Intel® 2nd Generation Core i7-2630QM (2.00Ghz /6 MB Cache / 1333 FSB) or higher | | |
| 2. | Chipset | Mobile Intel HM65 Express Chipset | | |
| 3. | Motherboard | OEM mother board | | |
| 4. | Memory | 2x2 GB Dual Channel 1333 MHz DDR3 SDRAM Expandable to 8GB. 4 DIMM Slots | | |
| 5. | Hard Disk Drive & Controller | 1 TB SATA 7200 rpm or higher | | |
| 6. | Optical Drive | SATA 16x SuperMulti DVD RW | | |
| 7. | TV Tuner | Built in ATSC Digital TV Tuner | | |
| 8. | Graphics | NVIDIA GeForce 310 512 mb DDR3 (VGA+DP) or Intel HD Graphics2000(integrated) | | |
| 9. | Audio | Integrated (on board) 8-Channel High Definition Audio controller (all ports stereo) with Internal Speaker | | |
| 10. | Communication | 1.3 MP Webcam and | | |

| | | | | |
|-----|--------------|--|--|--|
| | | Microphone Integrated (on-board) Gigabit (10/100/1000 NIC) LAN WiFi Wireless Net(802.11b/g/n) | | |
| 11 | Power | 120W 100-240 V/50-60Hz AC adapter | | |
| 12. | Bays | Minimum:5 1.Internal drive bay supporting hard disk drive 2.External bay for optional Media Card Reader, pocket media drive, or Secondary HDD 3.Optional optical drive, or other 5.25" device | | |
| 13. | Slots | Total 4, 2*PCI, 1*PCIX1, 1*PCIX16 Full Height | | |
| 14. | Ports | Front IO: 2 USB 2.0 ports & MIC, Headset; Rear: 4 USB 2.0 ports (2 USB 2.0 optional on motherboard), 1-Serial port, 1-Parallel Port, 2 PS/2, 1RJ-45, 1 VGA, 1 audio-in, 1 audio-out, 1MIC | | |
| 15. | Form Factor | Micro ATX Tower | | |
| 16. | Power Supply | 230 Watts (Surge protected) Efficient Power Supply, Active PFC, Energy Star 5.0 compliant, EPEAT registered | | |
| 17. | Monitor | 21" TFT Monitor with touch screen and stereo speaker having TCO certification | | |
| 18. | Keyboard | Wireless with 10 key pad keyboard (Same make as PC) | | |
| 19. | Mouse | Wireless Mouse (Same make as PC) | | |

| | | | | |
|-----|--|---|--|--|
| 20 | Operating System | Pre installed Windows 7 Professional with Restore / Recovery CD media. O/S must have paper license & Documentation. | | |
| 21. | Drivers for different Operating systems | Drivers should be freely available on OEM's web site | | |
| 22. | Security | <ol style="list-style-type: none"> 1. Removable media boot control 2. Serial, Parallel & USB Interface Control 3. Power-On Password 4. Setup Password 5. Security Loop 6. Optional Finger Print Sensor | | |
| 23. | Manageability | <p>The following Manageability functions to be provided:</p> <ol style="list-style-type: none"> 1. Asset Management 2. System Health Management 3. Remote Monitoring and failure alerts 4. System Protection Tool for situations like Accidental File Deletion, Format of any partition of HDD, Registry repair- restore, Uninstall of Corrupt Installed Software | | |
| 24. | Compliance And Certification to be submitted | UL, CSA, FCC Compliance, ENERGY STAR compliant Proper e-waste collection and management process (certification preferred) Product to be BFR /PVC Free | | |
| | Accessories | Carry Case to be provided | | |

SCHEDULE – 8

General Compliance Schedule

| SI.No. | Item | Vendor's confirmation | Deviation (if any) |
|--------|---|------------------------------|---------------------|
| 01 | General Conditions | Agree / Not Agreed | |
| 02 | EMD/ Cost of Tender Paper | Deposited/Not deposited | |
| 03 | Manufacturer's supply experience including user's certificate furnished or not. | Yes/No | |
| 04 | Latest Income Tax PAN and Sales Tax registration & clearance certificates. | Deposited/Not deposited | |
| 05 | Security Deposit | Agreed/Not agreed | |
| 06 | Payment Terms | Agreed/Not agreed | |
| 07 | Penalty Clause | Agreed/Not agreed | |
| 08 | Price Validity | Agreed/Not agreed | |
| 09 | Delivery & Installation Schedule | Agreed/Not agreed | |
| 10 | Warranty (3 years) & Post Installation clause | Agreed/Not agreed | |
| 11 | Minimum of 3 years onsite management of I.T Equipments | Agreed/Not agreed | |
| 12 | Infrastructure of Bhubaneswar (for Installation and attendance of support calls) | Exist/Does not Exist | |
| 13 | Training and Documentation | Agreed/Not agreed | |
| 14 | AMC support for min. 3 years after the expiry of Warranty Period of 3 years. | Agreed/Not agreed | |
| 15 | Credentials with documentary support as per Eligibility Clause. (ISO 9000, Turnover, Profitability, Order copies as required) | Submitted/ Not submitted. | |
| 16 | At least 3 Procurement orders in India with supporting documents | Submitted/ Not submitted. | |
| 17 | Authorized manufacturership / System Integratorship certificate | Submitted/ Not submitted | |
| 18 | Original specification sheets for all items | Submitted/Not submitted | |
| 19 | Driver software, wherever applicable, to be supplied | Agreed/Not agreed. | |
| 20 | Equipment working environment: All the equipment shall work in non-ac-room environment. | Agreed/Not agreed. | |
| 21 | A vendor must quote all the items | Agreed/Not agreed. | |
| 22 | Technical viability of the project for all the equipments offered by the vendor. | Submitted/ Not submitted. | |

Signature with Date

Name in Block Letters

Seal of the Company

- Confirmation in one of the provisions between the vendor's alternatives provided shall be ticked.

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

SCHEDULE – 9

**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 ORISSA 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.

(Contd.....P/2.)

- 2 -

(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 Managing Director, Orissa 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 Orissa.

Dated at the day of Two thousand

For
(indicate the name of the Bank)

Witness:

- 1.
- 2.

NOTE FOR TENDERERS : The B.G. is to be furnished in Non-judicial Stamp paper of Rs.50/- as applicable as per Orissa Stamp Duty Act. from any Nationalized Bank.

PROFORMA FOR BANK GUARANTEE FOR EARNEST MONEY

Ref: Date: Bank Guarantee No.

1.In accordance with invitation to Bid No..... dated of Orissa Power Transmission Corporation Ltd. (hereinafter referred to as the OPTCL) for the purchase of Messer.....

Mr..... Address.....
.....
..... Director(s) (herein after referred to as ‘Tenderer’

wish/wished to participate in the said tender on furnishing an unequivocal and unconditional Bank Guarantee by the Tendered for the sum of Rs..... valid for a period ofdays (..... days) towards his Earnest Money we the (hereinafter referred to as ‘the Bank’) at the

(indicate the name of the Bank)

request of ‘The Tenderer’ Ms. / Sri.....(hereinafter referred to as Contractor(s) do hereby unequivocally and unconditionally guarantee and undertake to pay during the above period, and/on further written request by the(indicate designation of Tenderer) to OPTCL, an amount not exceeding Rs....., without any demur or reservation. The guarantee would remain valid up to 4.00 P.M. of (date) and if any further extension to this is required, the same will be extended on receiving instructions from the the Tenderer..... on whose behalf this guarantee has been issued.

2.We, the (indicate the name of the Bank) do hereby, further undertake to pay the amount due and payable under this guarantee without any demur, merely on demand from the OPTCL stating that the amount claimed is due as per the terms of the said Bid. 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.....

3.We undertake to pay to the OPTCL any money so demand not withstanding any dispute or disputes so raised by the Contractor (s) 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 as 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 under this bond for making such payment.

4. We the (indicate the name of the Bank) further agree that the guarantee herein contained shall remain in full force and effect during the aforesaid period of Days (..... days) and its shall continue to be so enforceable till all the dues of the OPTCL under or by virtue of the said Bid have been fully paid and its claims satisfied or discharged or till Chairman, OPTCL certifies that the terms and conditions of the said Bid have been fully and properly carried out by the said Tenderer 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 (indicate the name of Bank) further agree with the OPTCL 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 & conditions of the said Bid or to extend time of 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 the OPTCL against the said Tenderer 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 the OPTCL or any indulgence by the OPTCL to the said Contractor (s) or by any such matter or thing what so ever which under the law relating to sureties would, but for this provision, 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 or the Tenderer.

7. We (indicate the name of 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 invocable at our place of business at Bhubaneswar in the state of Orissa.

Dated the Date of

Witness:-

- 1.
- 2.

For
(indicate the name of Bank)

NOTE FOR TENDERERS : The B.G. is to be furnished in Non-judicial Stamp paper of Rs.50/- as applicable as per Orissa Stamp Duty Act. from any Nationalized Bank.

Annexure-I

OPTCL SUBSTATION LOCATIONS

| SI No. | Name of Substation | | |
|--------|--------------------|----|---------------|
| 1 | ASKA | 51 | NIMAPARA |
| 2 | ANGUL | 52 | NUAPATNA |
| 3 | AKHUSINGI | 53 | PARADEEP |
| 4 | BALASORE | 54 | PARLAKHEMUNDI |
| 5 | BALUGAON | 55 | PATAMUNDAI |
| 6 | BARGARH | 56 | PATNAGARH |
| 7 | BARIPADA | 57 | PHULBANI |
| 8 | BARKOTE | 58 | POLASPONGA |
| 9 | BERHAMPUR | 59 | PURI |
| 10 | BHADRAK | 60 | RAIRAKHOL |
| 11 | BHANJANAGAR | 61 | RAIRANGPUR |
| 12 | BHUBANESWAR | 62 | RAJGANGPUR |
| 13 | BIDANASI | 63 | RANASINGHPUR |
| 14 | BOLANGIR | 64 | RAYAGADA |
| 15 | BOLANI | 65 | RENGALI |
| 16 | BOINDA | 66 | ROURKELA |
| 17 | BRAJARAJNAGAR | 67 | SAINTALA |
| 18 | BUDHIPADAR | 68 | SAMBALPUR |
| 19 | BURLA (KATAPALLI) | 69 | SONEPUR |
| 20 | CHAINPAL | 70 | SORO |
| 21 | CHANDAKA | 71 | SUNABEDA |
| 22 | CHANDIKHOLE | 72 | SUNDARGARH |
| 23 | CHATRAPUR | 73 | TARKERA |
| 24 | CHHEND | 74 | TENTULIKHUNTI |
| 25 | CHOUDWAR | 75 | THERUVALLI |
| 26 | CUTTACK | 76 | SALEPUR |
| 27 | DHENKANAL | 77 | MENDHASALA |
| 28 | DIGAPAHANDI | 78 | BALIMELA |
| 29 | DUBURI | | |
| 30 | DUBURI(NEW) | | |
| 31 | GANJAM | | |
| 32 | ICCL (CHOUDWAR) | | |
| 33 | JAGATSINGHPUR | | |
| 34 | JAJPUR ROAD | | |
| 35 | JAJPUR TOWN | | |
| 36 | JALESWAR | | |
| 37 | JAYANAGAR | | |
| 38 | JHARSUGUDA | | |
| 39 | JODA | | |
| 40 | JUNAGARH | | |
| 41 | KALARANGI | | |

| | |
|----|---------------|
| 42 | KAMAKHYANAGAR |
| 43 | KENDRAPARA |
| 44 | KESINGA |
| 45 | KHARIAR |
| 46 | KHURDA |
| 47 | MERAMUNDALI |
| 48 | MOHANA |
| 49 | NARENDRAPUR |
| 50 | NAYAGARH |

Annexure-II

OPTCL DIVISION AND CIRCLE LOCATIONS

| Sl No. | Name Of the Unit | | |
|--------|-----------------------------------|----|-----------------------------------|
| 1 | CETP, BHUBANESWAR | 37 | EHT(O&M) DIVISION, RENGALI |
| 2 | EHT(CONST.) CIRCLE, BHUBANESWAR | 38 | SR. GM POWER SYSTEM, MANCHESWAR |
| 3 | EHT(CONST.) DIVISION, BHUBANESWAR | 39 | TELECOM CIRCLE, BHUBANESWAR |
| 4 | EHT(CONST.) DIVISION, BALASORE | 40 | LDTDC DIVISION, BHUBANESWAR |
| 5 | EHT(CONST.) DIVISION, JEYPORE | 41 | TELECOM DIVISION, BHUBANESWAR |
| 6 | EHT(CONST.) DIVISION, CUTTACK | 42 | TELECOM DIVISION, ROURKELA |
| 7 | EHT(CONST.) CIRCLE, SAMBALPUR | 43 | LDTDC DIVISION, BERHAMPUR |
| 8 | EHT(CONST.) DIVISION, ANGUL | 44 | LDTDC DIVISION, TTPS, TALCHER |
| 9 | EHT(CONST.) DIVISION, JHARSUGUDA | 45 | CIVIL WORKS CIRCLE, BHUBANESWAR |
| 10 | EHT(CONST.) DIVISION, BOLANGIR | 46 | CIVIL WORKS DIVISION, BHUBANESWAR |
| 11 | EHT(O&M) CIRCLE, BERHAMPUR | 47 | CIVIL WORKS DIVISION, BURLA |
| 12 | EHT(O&M) DIVISION, BERHAMPUR | 48 | GM, STORES CIRCLE, BHUBANESWAR |
| 13 | EHT(O&M) DIVISION, BHANJANAGAR | 49 | EHT(STORE) DIVISION, BHUBANESWAR |
| 14 | E&MR DIVISION, BERHAMPUR | 50 | EHT(STORE) DIVISION, JHARSUGUDA |
| 15 | EHT(O&M) CIRCLE, BURLA | 51 | EHT(STORE) DIVISION, RAYAGADA |
| 16 | EHT(O&M) DIVISION, BURLA | 52 | AREEAR CLEARANCE CELL, TTPS |
| 17 | EHT(O&M) DIVISION, ROURKELA | | |
| 18 | EHT(O&M) DIVISION, BOLANGIR | | |
| 19 | E&MR DIVISION, BURLA | | |
| 20 | E&MR DIVISION, ROURKELA | | |
| 21 | EHT(O&M) CIRCLE, CUTTACK | | |
| 22 | EHT(O&M) DIVISION, CHOUDWAR | | |
| 23 | EHT(O&M) DIVISION, BHUBANESWAR | | |
| 24 | E&MR DIVISION, BHUBANESWAR | | |
| 25 | EHT(O&M) CIRCLE, JAIPUR ROAD | | |
| 26 | EHT(O&M) DIVISION, BALASORE | | |
| 27 | E&MR DIVISION, DHENKANAL | | |

| | |
|----|--------------------------------|
| 28 | EHT(O&M) DIVISION, JAJPUR ROAD |
| 29 | EHT(O&M) DIVISION, JODA |
| 30 | EHT(O&M) CIRCLE, JEYPORE |
| 31 | EHT(O&M) DIVISION, JEYPORE |
| 32 | EHT(O&M) DIVISION, THERUVALI |
| 33 | E&MR DIVISION, RAYAGADA |
| 34 | EHT(O&M) DIVISION, KESINGA |
| 35 | EHT(O&M) CIRCLE, CHAINPAL |
| 36 | EHT(O&M) DIVISION, CHAINPAL |

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