



**ORISSA POWER TRANSMISSION
CORPORATION LIMITED
REGD. OFFICE, JANAPATH,
BHUBANESWAR –751022
ORISSA.**

Tender Notice No- TN - 4/2010-11

**Tender Specification No- Sr. G.M (CPC)-
Capacitor Bank- 4/2010-11**

**TENDER FOR SUPPLY,
INSTALLATION, TESTING & AMC(10 YRS)
OF CAPACITOR BANK IN 33 KV SIDE AT
DIFFERENT GRID SUB-STATION OF
OPTCL -**

DATE OF OPENING - 7th December 2010-3:30PM

**COST OF TENDER PAPER-Rs.10,000.00+4% VAT
FOR EACH PACKAGE**



**ORISSA POWER TRANSMISSION CORPORATION
LIMITED
REGD. OFFICE, JANAPATH, BHUBANESWAR –751022
ORISSA.**

TENDER NOTICE NO -TN – 4 /2010-11

For and on behalf of ORISSA POWER TRANSMISSION CORPORATION Limited, Sr. G.M. (C.P.C.) invites Tenders from reputed Electrical Contractors/manufacturer having adequate experience as prescribed in the tender specification and valid HT/EHT license from competent licensing authority for “Supply of all materials/equipments , its installations including all type of Civil works ,testing and commissioning and also for 10 years maintenance for Capacitor Banks of different MVAR(5,10,15 & 20) rating in OPTCL System” at different Grid sub-station in **four packages** ,on turn key basis . Tender papers shall be sold from **Date-6th November 2010 to Date-6th December 2010 and last date of receipt of Bid document on Dt.7th December 2010 upto 1:00 P.M.** Interested firms may visit OPTCL’s official website <http://www.OPTCL.co.in> for detail specifications . The FIRMS are requested to visit the proposed work locations prior to the bidding, for better understanding of the work.

SR. GENERAL MANAGER [C.P.C.]

<i>Sl. No</i>	<i>Tender Specification No.</i>	<i>Description of materials</i>	<i>Quantity</i>	<i>Earnest Money Deposit (In Rs.)</i>	<i>Cost of Tender Paper.</i>	<i>Last date of receipt & opening of tender</i>
	Sr. G.M.CPC-4/2010-11 -Capacitor Bank(33KV)	<u>PACKAGE-I</u> 1) 10 MVAR Capacitor Bank including all associated equipments, installation, Testing & commissioning.(02 SETS) 2) 15 MVAR Capacitor Bank including all associated equipments, installation, Testing & commissioning.(02 SETS) 3) 20 MVAR Capacitor Bank including all associated equipments, installation, Testing & commissioning.(01 SET)	AS INDICATED BELOW.**	3.0 Lakh	Rs.10,000 +4% VAT	Last date of receipt Dt. 7 th December 2010 upto 1:00 P.M & Opening on Dt. 7 th December 2010 3:30 P.M.

****PACKAGE-I: NAME OF THE SUB-STATION:**

- 1. 220/132/33 KV S/S Balasore.(15 MVAR)**
- 2. 220/132/33 KV S/S Bhadrak(15 MVAR)**
- 3. 132/33 KV S/S Jajpur Town(20 MVAR)**
- 4. 132/33 KV S/S Palashpanga(10 MVAR)**
- 5. 132/33 KV S/S Jaleswar(10 mVAR)**

(Total 70 MVAR)

SR. GENERAL MANAGER [C.P.C.]

<i>Sl. No</i>	<i>Tender Specification No.</i>	<i>Description of materials</i>	<i>Quantity</i>	<i>Earnest Money Deposit (In Rs.)</i>	<i>Cost of Tender Paper.</i>	<i>Last date of receipt & opening of tender</i>
	Sr. G.M.CPC-4/2010-11 -Capacitor Bank(33KV)	<u>PACKAGE-II</u> 1) 10 MVAR Capacitor Bank including all associated equipments, installation, Testing & commissioning.(03 SETS) 2) 20 MVAR Capacitor Bank including all associated equipments, installation, Testing & commissioning.(02 SETS)	AS INDICATED BELOW.**	3.00 Lakh	Rs.10,000 +4% VAT	Last date of receipt Dt. 7 th December 2010 upto 1:00 P.M & Opening on Dt. 7 th December 2010 3:30 P.M.

**PACKAGE-II: NAME OF THE SUB-STATION:

1. 132/33 KV S/S Balugaon.(10 MVAR)
 2. 132/33 KV S/S Berhampur(10 MVAR)
 3. 132/33 KV S/S Khurdha(20 MVAR)
 4. 132/33 KV S/S Nimapara(10 MVAR)
 5. 132/33 KV S/S Puri (20 mVAR)
- (Total 70 MVAR)

SR. GENERAL MANAGER [C.P.C.]

<i>Sl. No</i>	<i>Tender Specification No.</i>	<i>Description of materials</i>	<i>Quantity</i>	<i>Earnest Money Deposit (In Rs.)</i>	<i>Cost of Tender Paper.</i>	<i>Last date of receipt & opening of tender</i>
	Sr. G.M.CPC-4/2010-11 -Capacitor Bank(33KV)	<u>PACKAGE-III</u> 1) 10 MVAR Capacitor Bank including all associated equipments, installation, Testing & commissioning.(04 SETS) 2) 15 MVAR Capacitor Bank including all associated equipments, installation, Testing & commissioning.(01 STS)	AS INDICATED BELOW.**	3.0 Lakh	Rs.10,000 +4% VAT	Last date of receipt Dt. 7 th December 2010 upto 1:00 P.M & Opening on Dt. 7 th December 2010 3:30 P.M.

**PACKAGE-III: NAME OF THE SUB-STATION:

1. 132/33 KV S/S Boinda.(10 MVAR)
2. 132/33 KV S/S Rairakhol(10 MVAR)
3. 132/33 KV S/S Sonapur(10 MVAR)
4. 132/33 KV S/S Sunabeda(15 MVAR)
5. 220/132/33 KV S/S Duburi(Old) (10 mVAR)

(Total 55 MVAR)

SR. GENERAL MANAGER [C.P.C.]

<i>Sl. No</i>	<i>Tender Specification No.</i>	<i>Description of materials</i>	<i>Quantity</i>	<i>Earnest Money Deposit (In Rs.)</i>	<i>Cost of Tender Paper.</i>	<i>Last date of receipt & opening of tender</i>
	Sr. G.M.CPC-4/2010-11 -Capacitor Bank(33KV)	<u>PACKAGE-IV</u> 1) 10 MVAR Capacitor Bank including all associated equipments, installation, Testing & commissioning.(01 SET) 2) 15 MVAR Capacitor Bank including all associated equipments, installation, Testing & commissioning.(02 SETS) 3) 20 MVAR Capacitor Bank including all associated equipments, installation, Testing & commissioning.(02 SETS)	AS INDICATED BELOW.**	3.20 Lakh	Rs.10,000 +4% VAT	Last date of receipt Dt. 7 th December 2010 upto 1:00 P.M & Opening on Dt. 7 th December 2010 3:30 P.M.

**PACKAGE-IV: NAME OF THE SUB-STATION:

1. 132/33 KV S/S Cuttack.(10 MVAR)
2. 132/33 KV S/S Jagatsinghpur(15 MVAR)
3. 132/33 KV S/S Kendrapara(20 MVAR)
4. 132/33 KV S/S Pattamundai(15 MVAR)
5. 220/132/33 KV S/S Ranasinghpur(20 MVAR)

(Total 80 MVAR)

SR. GENERAL MANAGER [C.P.C.]

The tender specification documents can be had from the office of the undersigned on payment of non-refundable cost of tender specification documents in the shape of cash from **10 A .M. to 3 P.M. during Date:6th November 2010 to Date:6th December 2010 (both days inclusive)** on any working day either in person or by remitting demand draft payable to Drawing & Disbursing Officer, ORISSA POWER TRANSMISSION CORPORATION Limited, Regd. Office: Janpath, Bhubaneswar-751 022. No other mode of payment is acceptable. No tender documents will be sold on any other day except as indicated.

The specification can also be down loaded from OPTCL's official web site and the same may be submitted along with the cost of tender document by way of demand draft/ pay order payable to D.D.O ,OPTCL Ltd. Janpath, Bhubaneswar at the time of submission of tender document. Incase any deviation is found in the tender document submitted by the Tenderers from the content mentioned in our web site and/ or non submission of cost of tender documents, the tender shall liable to be rejected at any stage of the contract. The Tenderers has to indemnify OPTCL for any loss accruing due to such alternation in the terms and conditions of the tender document & / or for such alternation, resulting in the cancellation of the contract.

The intending bidders, who want to get a copy of the tender specification document by post, are required to deposit an additional amount of Rs.1000/- over and above the cost of the tender specification, mentioned under heading "Cost of tender specification". Complete bid for the works will be **received upto 1 P.M of Date 7th December 2010. only and the same will be opened at 3:30 P.M. on the same day.** Date and time of opening of price bids in respect of two-part tenders shall be intimated to the techno-commercially responsive bidders only. In the event of any specified date for the sale, submission or opening of bids being declared a holiday for purchaser, the bids will be sold/ received/ opened upto the appointed times on the next working day. Only one representative of the bidder will be allowed to participate in the bid opening. OPTCL also reserves the right to accept or reject the tender without assigning any reasons thereof, if the situation so warrants. OPTCL shall not be responsible for any postal delay at any stage.

QUALIFYING CRITERION FOR AWARD OF OPTCLTURNKEY FOR ENGINEERING,SUPPLY,ERECTION,TESTING & COMMISSIONING AND MAINTENANCE THEREAFTER AFTER THE GUARANTEE PERIOD FOR CAPACITOR BANK INSTALLATION OF DIFFERENT MVA RATING IN 33 KV SIDE OF THE GRID SUB-STATION IN OPTCL SYSTEM.

(A) GENERAL QUALIFYING CRITERION

(1)The performance B.G. to be submitted by the Firms shall be capable of being encashed at any operating branch of the issuing bank at Bhubaneswar or encashment at the operating branch of the Bank at Bhubaneswar.

(2) In case bidders intend to bid for the project in joint venture with another firm, the parties together must be able to meet the required qualifying criteria. Maximum two nos of Partners(Lead+Other) are allowed as Joint venture partners and the detailed terms and conditions in this regard are contained in the bid documents.

(B)MINIMUM TECHNICAL QUALIFYING CRITERION

(i) The bidder should be HT/EHT electrical contractor having a valid license from the competent licensing authority on the date of opening of the tender.

(ii) The contractor must have executed , installation and its maintenance of minimum 10 Nos Capacitor Bank of minimum capacity of 5 MVAR and above and its associated equipment of 33 KV system in Turn Key Basis earlier& completed successfully .

Or,

The contractor must have executed installation and its maintenance of minimum 20 Nos Capacitor Bank of minimum capacity of 5 MVAR and above and its associated equipment of 33 KV system earlier& completed successfully

(iii) The above installation should be in successful operation for last two years.

Note: The above 3 criterion have to be supported by Performance certificate/ TOC issued by Central/State Govt. Utilities/Organisations/ PSUs

(iv) The contractor has to get project license from ELBO within one month of issue of LOI, at his own cost.

Important: The bidder should be a reputed manufacturer of Capacitor bank in addition to the above Technical qualifying criteria. In case the bidder is not a manufacturer, than the bidder has to furnish a certificate from the capacitor manufacturer to support the bidder for the aforesaid works. The certificate has to be signed by the manufacture representative holding power of attorney. Manufacture can extend their support only to one bidder per package.

(C) MINIMUM FINANCIAL QUALIFYING CRITERION

TURN OVER-The Bidder should have an average annual turnover of at least Rs 200 Crores(Two hundred crores) in the last three financial years as per the audited accounts. Documentary evidence to be furnished along with techno-commercial documents.

(D) SPECIAL TERMS AND CONDITIONS OF THE BID

(i) Mobilization advance of 10 % value of the contract value (Both supply portion and erection portion) shall be paid against equivalent amount of BG from any nationalized/scheduled bank having Branch at Bhubaneswar. The mobilization advance shall be recovered proportionately from each running bills of the contractor by

OPTCL.10% simple interest shall be charged on the mobilisation advance paid to the firms.

(ii) The extra quantities, if any, to be executed by the firm, shall be billed as per the unit price quoted by the firm.

(iii) The unit price quoted by the firm shall be FIRM.

(iv) Where valid type test certificate of materials during last five years are available OPTCL shall not insist for further type test.

(E)PAYMENT TERMS

(a) payment against Supply of equipment and materials shall be effected as follows-

(i) 50 % of cost of the material shall be paid on receipt of the material at site against production of Lorry Receipt.

(ii)10% cost of material shall be paid after verification by the consignee.

(iii)30% cost of the material shall be paid after erection of the material at site.

(iv) Balance 10 % cost of material shall be paid after successful commissioning of the capacitor bank and handing over to OPTCL.

All the above payments will be made within 30 days of submission of invoice enclosing the required documents mentioned above.

(b) Payment for Erection and commissioning work

(i)90% cost of erection shall be paid on running bill within 30 days on production of the bill to the engineer in charge and verification there of after completion of erection work of the preceding month.

(ii)Balance 10 % cost of the erection shall be paid only after satisfactory commissioning of the project and handing over to OPTCL.

c) FOR ANNUAL MAINTENANCE CONTRACT:-(scope & other Terms & Conditions):REFER SECTION – V

(I) **TERMS OF PAYMENT:** (For AMC Contract of Capacitor Bank Installation Scheme)

The terms of payments under this contract shall be governed as per the following:

1. Your unconditional acceptance of this order.

2. A performance Bank Guarantee as per the proforma enclosed for 10% of the total Maintenance Contract price(for 10 years) , which will remain valid for more than two months from the expiry of the contract period.

3. Payment will be made equally at the end of each half(every six months) period starting from the date of contract agreement as per the details below:

(a) Release of payment for the 1st instalment:- All the Capacitor Bank Installation schemes need to be Checked Properly under Preventive Maintenance (PM) to ascertain the performance to the satisfaction of OPTCL in each quarter. This inspection to be carried out in presence of OPTCL Engineer and your representative and a report on inspection & testing along with the status of the Capacitor Bank Installation Scheme

should be jointly signed and furnished to the verifying authority(Concerned A.G.M of O&M Division) for verification and onward transmission to C.G.M (O&M)/Nodal Officer. C.G.M (O&M)/Nodal Officer shall intimate/forward the documents along with the invoice to Sr.G.M(CPC) for release of the payment. You have to furnish the draft format for the inspection/testing& Status report of the Capacitor Bank Installation scheme,which shall be approved by the C.G.M (O&M),OPTCL, Bhubaneswar.

(b) Similarly the payment of 2nd installments (last Instalment of the each year)of each year are to be paid to you at the end of each year (12 months) , during which the inspection of Capacitor Bank Installation Scheme to keep the Bus Bar protection schemes in a healthy and functional condition, shall be carried out by the bidder, on production of documents as indicated above.

(II) PENALTY:

(A) In the event of failure on your part to comply with the provisions of the contract regarding attending to the **Break down** of the Capacitor Bank Installation scheme at various grid substations as indicated elsewhere, a penalty @0.5% of the total contract value for each day of delay, or part thereof, for such delay, subject to no upper ceiling, will be levied, without prejudice to any other remedies to which OPTCL may also be entitled, under the provisions of the contract/bid specifications.

(B) In the event of failure on your part to comply with the provisions of the contract regarding attending to the **Preventive maintenance(PM)** of the Capacitor Bank Installation scheme at various grid substations as indicated elsewhere, a penalty @30% of the total AMC value for the period shall be imposed for that quarter.

(F) OTHER IMPORTANT TERMS AND CONDITIONS

(i) OPTCL may invite a pre-bid discussion for which the contractors should contact the Sr. G.M., Central Procurement Cell, Head Qrs. Office, OPTCL, Bhubaneswar.

(ii) Work contract taxes shall be deducted from the firms bill as per the prevailing rates

(iii) The Firm shall not include Entry Tax and Service Taxes in their quoted price, which shall be reimbursed to them as per prevailing rate subject to production of documentary evidence.

(iv) For delay in completion of the project, Penalty shall be recovered from the contractor, at the rate of 0.5% per week of delay subject to maximum of 5% of the total sub-station wise contract price. Total price for that Capacitor bay.

(v) Incentive: 0.25% of the contract price as an incentive, per completed full month (no proportionate for the part thereof) shall be given, for the projects completed before the scheduled date of completion but limiting to over all 2.5%.

(vi) Bids of the Firms not complying the minimum qualification criterion, not furnishing bid security, furnishing incomplete data's /price bid, Not agreeing to to the bid validity date, not agreeing for the security and performance BG, not agreeing to

the payment clause, not agreeing to the completion time, not agreeing to defect liability and not agreeing to governing laws, shall be out rightly rejected.

(vii) ENGAGEMENT OF SECURITY- The Contractor shall have to engage his own security at his own cost till final handing over of the entire work to OPTCL

(viii) PRICE CLAUSE- Price quoted shall be FIRM.

(ix) QUANTITY VARIATION- Extra quantities executed if any by the firm shall be billed as per the unit quoted rate of the Firm and there shall be no limitation for the extra quantity to be executed.

(x) WORK OFF LOADED FROM FIRMS

Firms from whom, OPTCL have off loaded works due to non-performance, during last seven years, shall not be eligible to participate in any of the OPTCL turnkey tenders.

(xi) The participant Firms shall **submit an undertaking** along with the price bid to the effect that any items missing/not quoted in the price bid, shall be executed free of cost by them without any financial liability to OPTCL and that the said undertaking shall cover all the evaluation criterion as recommended above The condition of rejection of incomplete price bid appearing under the Outright rejection Criterion shall stand deleted.

(xii) Successful bidders may procure tower structures for S/S, preferably from the OPTCL empaneled Rate contractor holders for Supply of Structures.

The Bidder shall also furnish the price breakdown in the appropriate schedules of Bid Form to indicate the following:

- i) Ex-works price of the equipment/materials (including tools and tackles etc.)
- ii) Charges for inland transportation (including port handling) and insurance for delivery of the equipment/materials up to their final destinations.
- iii) Lump sum charges towards unloading, storage, insurance,
- iv) Price break up for spares in line with Clause 18.0 of this Section.
- v) Sales Tax/ Excise duty/Entry tax and any other levies legally payable on the transactions between the Owner and the Bidder.
- vi) Any other charges as per the requirement of Contract/Technical Specifications.
- vii) Unit erection, testing and commissioning charges as per the schedule.

(Xiii) The bidder should furnish the un-priced schedule (un-priced Bid) along with the techno-commercial bid (Part-I of the Bid). All the columns shall be filled by quoting “Quoted” only.

XIV) Evaluation will be done on package wise. The Bidder has to fillup Annexure-I,II,III and of price schedule for each sub-station. Annexure IV (consolidated price schedule) should be filled up for each package.

XV) Bidder's are to furnish the PERT chart in details along with the Techno-commercial bid. This shall be a part of the bid and shall be binding upon the bidder for strictly adherence to it for timely completion of the project. Non compliance to the same for timely completion of the project shall attract penalty as mentioned in the document.

(G) OPTCL shall conduct a Pre-Bid meeting with the participants of this tender preferably before opening of Techno-commercial Bid(Part-I). Exact date shall be uploaded in OPTCL web-site.

(H) Bidder to note that, there shall be two modes of transaction for supply of materials/equipment. One is direct mode, where in the Bidder is a manufacturer and the same directly to OPTCL. The other one is bought out mode, where in the bidder is not a manufacturer , and supplying the same to OPTCL by purchasing from others. In case of bought out items, the total price shall be inclusive of all taxes and duties. In case of the bidder is a manufacturer, the bidder shall quote the break up price for different taxes and duties.

**SR. GENERAL MANAGER
CENTRAL PROCUREMENT CELL**