



**ODISHA POWER TRANSMISSION CORPORATION LIMITED**  
**TENDER SPECIFICATION No. 7/2012-13**  
**OF**  
**GENERAL MANAGER,**  
**EHT (O&M) CIRCLE,**  
**BERHAMPUR**

**FOR THE YEAR 2012-13**

**TENDER SPECIFICATION**  
**FOR**

**REPLACEMENT OF INSULATOR STRINGS WITH LONG ROD INSULATORS**  
**AT DIFFERENT LOCATION AT 132KV DC LINE FROM CHATRAPUR TO**  
**NARENDRAPUR CKT-I&II AND 132KV CHATRAPUR TO ASKA-CKT-I&II**  
**UNDER EHT (O&M) SUBDIVISION CHATRAPUR**

**COST OF TENDER DOCUMENT**  
**RS. 3000+5%VAT = 3150/-**  
**ESTIMATED COST- RS. 8,84,800/-**

ODISHA POWER TRANSMISSION CORPORATION LIMITED  
(A Government of Odisha Undertaking)

Janpath, Bhubaneswar-751002

**NOTICE INVITING TENDER**



Advt. No.

Date:-

Sealed tender are invited from experienced bidders for the job of "Replacement of Insulator strings with Long rod Insulator" Cost of Tender paper Rs. 3150/- EMD 1%.

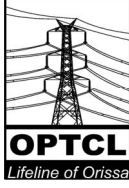
Sale of tender documents from Dt.2.3.2013 to Dt. 30.3.2013

Last date of submission of tender Dt. 30.3.2013 upto 2.00 P.M.

Date of opening of tender: Dt. 30.3.2013 at 3.00 P.M

For details please visit our web site [www.optcl.co.in](http://www.optcl.co.in).

Corrigendum if any will be published in the web site only.



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**TENDER SPECIFICATION FOR TENDER CALL NOTICE No. 7/2012-13  
OF EHT (O&M) CIRCLE, BERHAMPUR.**

- |  |   |
|--|---|
| 1. SECTION-I                                   | : Instruction to tenderers  |
| 2. SECTION-II                                  | : General Condition of Contract   |
| 3. SECTION-III                                 | : Technical Specification for Replacement of Insulator strings.   |
| 3(a) ANNEXURE-I                                | : (Details of work to be executed)  |
| 3(b) ANNEXURE-II                               | : Price Schedule  |
| 4. PRICE OF TENDER DOCUMENT                    | : Rs. 3000+5%VAT = 3150/-<br>(Rupees Three thousand One hundred Fifty only ) by cash /Pay order/Bank Draft in favour of G.M., EHT(O&M) Circle, Berhampur. (Non- refundable) |
| 5. COMMENCEMENT OF SALE OF TENDER PAPER        | : <u>Dt. 16.2.2013 to Dt.11.3.2013</u>  |
| 6. LAST DATE OF SALE OF TENDER PAPER           | : <u>Dt. 11.3.2013 (During office hours)</u>  |
| 7. LAST DATE & TIME OF RECEIPT OF TENDER PAPER | : <u>Dt. 12.3.2013 upto 2.00 P.M.</u>   |
| 8. DATE & TIME OF OPENING OF TENDER            | : <u>Dt. 12.3.2013 at 3.00 P.M.</u>   |

**(SECTION-I)**  
**INSTRUCTION TO TENDERS**

1. Sealed tenders in duplicate with original in signature duly super scribed as **TENDER AGAINST TENDER CALL NOTICE NO. 7/2012-13** are invited from experienced contractors with valid H.T. license issued by the Chief Electrical Inspector, Odisha for replacement of insulator strings as per the technical specification enclosed to be received in this office on or before at 2.00 PM dated 12.3.2013 and the same shall be opened on dated 12.3.2013 at 3.00PM in presence of the tenderers or their authorized agents. Tenders received after 2.00PM on Dt.12.3.2013 will not be accepted since the tender box will be closed at 2.00P.M
2. Tenders shall be submitted in a sealed cover envelope addressed to the General Manager, EHT(O&M) Circle, Berhampur at Bidyutpuri Colony-760010.
3. No telegraphic tenders / forwarding by Fax will be accepted.
4. This office will not be responsible for non receipt / late receipt of the tender documents due to postal delay.
5. The tenders shall be furnished strictly as per the terms and conditions of the tender specification incomplete will be rejected.
6. The authority may alter the quantum of work at the time of placing orders Orders may also be split up among more than one tendered depending upon necessity.
7. Only those who have purchased the tender specification from this office can submit their tender. Tenders submitted by others will be rejected.
8. Tenders will be submitted in person by register post with AD. Tenders submitted by any other means shall not be accepted. Post delay shall not be considered. Tender received after due date and time shall be returned un-opened.
9. (i) The tender shall be accompanied with earnest money of @ 1% of their quoted value in shape of Bank draft drawn in favour of the G.M. EHT (O&M) Circle, Berhampur Payable at Berhampur without which their tender shall be rejected. No cheque will be accepted.  
  
(ii) Tender shall be valid for minimum one year from the dated of opening of tender.  
  
(iii) No interest shall be paid on EMD.

- (iv) Copy of H.T. License valid up-to completion of work is to be enclosed with the tender.
10. The authority reserve the right to reject the lowest or any other tender or all tenders without assigning any reason whatsoever.
  11. Offers should be neatly typed without any over righting and correction.
  12. In the event of discrepancy or arithmetical error in the bid the decision of the purchaser shall be final and binding on the tenderer.
  13. For evaluation, the price mentioned in words shall be taken, if there is any once in figure and words and the price bid.
  14. Conditional tender shall not be accepted.
  15. Bidders have right to know the Information on competitors only at the time of opening of bids. No further information shall be provided at any other point/stage of the tender without prejudice to right to information Act '2005'.

GENERAL MANAGER

(SECTION-II)  
GENERAL CONDITION OF CONTRACT

**1. SCOPE OF CONTRACT:** The scope of contract includes lifting of materials from OPTCL, Store at Chatrapur to work side and replacement of old disc insulators at tension & suspension location with jumpering at different location of EHT lines as mentioned at Annexure-I and transportation of the replaced insulators from the site to OPTCL store at Chatrapur and stack the same.

**2. PRICE:** The bidders are advised to quote their rate for replacement of insulator strings (Disc type ) by new long rod insulator in 132KV DC line form Chatrapur to Narendrapur Ckt-I&II and 132KV Chatrapur to Aska Ckt-I&II under EHT(O&M) Sub-division, Chatrapur at tension & suspension location and associated work such as re-jumpering, replacement of damaged the cross arm if any, as per the price schedule of Annexure- II. The price is to be quoted as per each long rod insulator. The price should be firm and shall include the cost of transportation of materials from OPTCL. store to the work site and transportation of dismantled materials from site to store and shall cover all incidental expenses towards execution of works including labour & T&P etc. during validity of Tender. Taxes if any to be paid by OPTCL shall be specified in the bid .

**3. EXECUTION PERIOD:** The works shall be carried out and completed within 45 days from the date of issue of work order on shutdown period permitted by OPTCL. The authority however reserves the right to reschedule the work programme based on shutdown periods permitted by OPTCL.

**4. EXTENSION OF TIME:** If the work is not be completed due to reasons beyond the control of contractor, he shall without delay give notice to the authority in writing for an extension of time. The authority on receipt of such notice may agree to extend the completion period as may be reasonable but without prejudice to other terms and condition of the contract.

**5. VALIDITY:** Price with terms and condition of the offer shall be valid for a minimum period of one year from the date of opening of tender failing which their tenders will be liable for rejection.

**6. TERMS OF PAYMENT:** 100% payment will be made against satisfactory execution of works subject to detailed verification and against submission of security deposit as per clause No.13 of this tender specification.

**7. PAYING OFFICER:** The Asst. General Manager, Elect. EHT (O&M) Division, Berhampur is the paying officer.

**8. SUPERVISING OFFICER:** SDO, EHT (O&M) Sub- Division, Chatrapur will be the Supervision officer.

**9. PENALTY FOR DELAY IN COMPLETION OF WORK:** If the contractor fails to complete the work within scheduled period as stipulated in the work order, the authority shall recover penalty from the contractors bill as an amount @ $\frac{1}{2}$  % of the uncompleted work for each calendar week of delay subject to maximum of 5% (five percent) of the contract value.

**10. GUARANTEE PERIOD:** The work executed shall be guaranteed for a period of 12 (twelve) months from the date of completion of the work. The guarantee certificate shall be furnished in triplicate to the Paying Officer for his approval. Any defect if noticed during this period shall be rectified free of cost provided such defects are due to bad workmanship upon written notice from the Authority.

**11. INCOME TAX & VAT REGISTRATION/ SERVICE TAX REGISTRATION CERTIFICATE:** Clear attested Xerox copies of PAN No. income tax clearance certificate / VAT clearance certificate /VAT Registration certificate / Service Tax registration certificate /H.T. License issued by the CEI. Odisha valid on the date of opening of tender should be submitted along with tenders, with out which tender will be rejected. The contractor may be requested to produce original PAN Card. H.T. Contractors License for verification at the time of opening of the tender. Those who fail to produce the same and found not to be valid on the date of opening of tender, their tenders will be rejected.



**12. .SUBMISSION OF PROOF REGARDING PAST EXPERIENCE:** The bidder is to submit the list of erection works of EHT lines executed by him in support of his past experience alongwith the tender.

**13. SECURITY DEPOSIT:** The successful tenderers will be required to deposit a sum amounting to 5% (Five percent) of value of the contract in shape of Bank Draft drawn in favour of the Paying Officer within fifteen days of receipt of the work order . The security deposit will be released after two months of completion of the guarantee period as per clause -10 in the event of any breach or default in all or any condition of the work order or any defect found during the guarantee period and not repaired by the contractor free of cost OPTCL may forfeit the whole amount of Security deposit. No interest will be paid on the security deposit deposited by the Contractor.

**14. COMPENSATION:** The contractor shall be fully responsible for paying compensation, if any under the Workmen Compensation Act on account of workmen deployed by him.

**15.E.M.D:** The tender shall be accompanied with EMD equal to 1 % of the tendered value in shape of cash/Bank Draft drawn in favour of General Manager, EHT (O&M), Circle, Berhampur payable at Berhampur failing which the tender will be liable for rejection. The EMD of successful bidders will be returned after deposit of the required security deposit and the EMD of unsuccessful bidder will be returned after finalization of tender No interest will be paid on EMD.

**16. JURISDICTION OF COURT:** In the event of any dispute and suit if any arising of this contract shall only be filled by either party in Court of law to which the jurisdiction of High Court Odisha extends.

**17. OUT RIGHT REJECTION OF TENDERS:** The tenders shall be liable for outright rejection If the following have not been complied.

- (i) Tenderers should have purchased the tender specification from the , office of the GM. EHT(O&M) Circle, Berhampur.

- (ii) Tenders shall be submitted in person or by Registered post with AD and received before the time fixed for receipt of tender.
- (iii) Tender shall not be submitted telegraphically or by FAX
- (iv) Tender shall be accompanied with the prescribed earnest money deposit
  - (v) Tenders shall be kept valid for a minimum of one year from the date of opening of the tender.
- (vi) Tenders shall be accompanied with clear valid attested Xerox copy of H.T License, PAN No. VAT & registration and clearance certificate as applicable which must be valid on the date of opening of the tender.
- (vii) The undertaking of the contractor to obtain labour contractor license on the event of work order from the competent authority.
- (viii) The tender shall not be conditional and should be submitted in duplicate.
- (ix) The tenderers shall have filled the information at page-9 of this tender specification.

GENERAL MANAGER

**(SECTION-III)**  
**TECHNICAL SPECIFICATION FOR REPLACEMENT OF INSULATOR  
STRINGS AND FIXING OF ACCESSORIES**

**1. scope of work:** The scope of work covers the following works:-

- (i) Lowering of power conductors & insulators, jumpers etc. of circuit-I when Curcuit –II is in live condition.
- (ii) Taking out the old disc and fixing of new long rod insulator with required accessories. The damaged hardware fittings if any are to be replaced.
- (iii) Materials will be supplied by OPTCL, the Contractor is to lift the materials from the store of OPTCL at Chatrapur.
- (iv) The replaced insulators, Hardware fittings are to be returned to SDO concerned at their store at Chatrapur on proper acknowledgement.
- (v) The required tools and tackles, skilled man power for execution of the work will be supplied by the contractor. OPTCL will no way responsible for any type of accident /loss of the contractor and no compensation in the regards will be borne by the OPTCL. Damage to OPTCL materials above 1% of the supplied quantity during execution of work will be recovered from the bill of the contractor while executing the work.
- (vi) Arrangement of approach to the work site is contractors responsibility OPTCL will no way be responsible for it.
- (vii) Prior to bidding the contractor shall inspect the location.
- (viii) Mobilization charges if any shall be to the contractor's account
- (ix) The unit rate shall be quoted for changing the insulators on string basis.

**2. SUPPLY OF MATERIALS:** The OPTCL shall supply the required long rod insulator and other materials as per requirement.

**3. REPLACEMENT OF TENSION INSULATOR:** The replacement of insulator at tension points shall be carried out as per the standard practice as adopted during stringing of conductor and fixing of insulators. During such replacement care has

to be taken to ensure safety of the cross arm by providing suitable tension to the conductor/ cross Arm. During such replacement work in the EHT D.C. line any one of the two circuits will remain in charged condition.

**4.PROGRAMME AND PROGRESS OF WORK:** The contractor is to submit the detail programme of work basing on which the shutdown is to be availed and materials are to be supplied. The work to be executed during day time i.e. from 8AM to 4PM only. The programme as finally decided has to be strictly adhered by the contractor, in no case the shutdown period will exceed beyond 4.00PM.

**5.PAYMEENT:** Payment will be made as per the actual quantities of Disc insulators strings replaced in tension locations as against the tender quantities. In no case the contractor shall be allowed to claim their idle charges on account of labour & T&P.

**6. ACCEPTABLE WASTAGE:** The contractor shall make every effort to minimize the breakages, losses and wastage of the supplied/ replaced insulators. However breakage/losses on insulators up-to a maximum of 1% is permissible during erection and dismantling of insulator string.

GENERAL MANAGER

**ANNEXURE-I**

<b>Sl. No.</b>	<b>Description of works</b>	<b>Total quantity to be replaced</b>	<b>Estimated cost</b>
<b>1.</b>	<p>Replacement of existing disc insulator strings of suspension &amp; tension towers by 90KN &amp; 120KN long rod insulators and provision of double insulator strings at road crossing of 132KV Chatrapur-Aska Ckt-I line.</p> <p>Loc. No. 150- Loc.No.70</p> <p><b>Total No. of suspension Disc Insulator strings to be replaced by 90KN long rod insulators</b></p> <p><b>Total No. of Tension Disc insulator Strings to be replaced by 120KN long rod insulators</b></p> <p><b>Total No. of Suspension Double insulator strings to be provided by 90KN long rod insulators</b></p>	<p><b>96</b></p> <p><b>44</b></p> <p><b>27</b></p>	<p><b>2,67,200/-</b></p>
<b>2.</b>	<p>Replacement of existing disc insulator strings of suspension &amp; tension towers by 90KN &amp; 120KN long rod insulators and provision of double insulator strings at road crossing of 132KV Chatrapur-Aska Ckt-II line.</p> <p>Loc. No. 150- Loc.No.70</p>		

	<p><b>Total No. of suspension Disc Insulator strings to be replaced by 90KN long rod insulators</b></p> <p><b>Total No. of Tension Disc insulator Strings to be replaced by 120KN long rod insulators</b></p> <p><b>Total No. of Suspension Double insulator strings to be provided by 90KN long rod insulators</b></p>	<p><b>86</b></p> <p><b>47</b></p> <p><b>30</b></p>	<p><b>2,60,800/-</b></p>
<p><b>3.</b></p>	<p>Replacement of existing disc insulator strings of suspension &amp; tension towers by 90KN long rod insulators of Chtrapur-Narendrapur Ckt-I line. Loc. No. 1- Loc.No.48</p> <p><b>Total No. of Disc Insulator strings to be replaced by 90KN long rod insulators</b></p> <p><b>Total No. of Suspension Double insulator strings to be provided by 90KN long rod insulators</b></p> <p><b>Total No. of Tension Double insulator Strings to be provided by 120KN long rod insulators</b></p>	<p><b>73</b></p> <p><b>27</b></p> <p><b>03</b></p>	<p><b>1,64,800/-</b></p>

4	<p>Replacement of existing disc insulator strings of suspension &amp; tension towers by 90KN long rod insulators of Chtrapur-Narendrapur Ckt-II Line.</p> <p><b>Total No. of Disc Insulator strings to be replaced by 90KN long rod insulators</b></p> <p><b>Total No. of Suspension Double insulator strings to be provided by 90KN long rod insulators</b></p> <p><b>Total No. of Tension Double insulator Strings to be provided by 120KN long rod insulators</b></p>	<p>90</p> <p>27</p> <p>03</p>	<p>1,92,000/-</p>
5	<b>Total:-</b>	<b>553</b>	<b>8,84,800/-</b>

GENERAL MANAGER

**Detailed data sheet to be furnished by the Tenderers**

1. Name of the Contractor with detailed postal address:
2. Earnest money deposited vide Bank draft No.....  
Date..... Amount in Rs..... (Rupees.....  
.....) only
3. Attested copy of TIN : Furnished / Not
4. Attested copy of PAN No./VAT clearance  
Certificate : Furnished / Not
5. Attested copy of valid HV/HT License : Furnished / Not
6. Agreed to furnish Contract security deposit : Yes / No
7. Agreed to accept payment terms as per the  
Contract : Yes / No
8. Agreed to adhere completion of work as  
per the tender : Yes / No
9. Agreed to accept penalty clause as per the tender : Yes / No
10. Attach past experience certificate for the similar  
Jobs in OSEB/GRIDCO or any other agencies : Yes / No
11. Agreed to keep validity of the offer one year  
from the date of tender opening without any  
variation in tender clause : Yes / No
12. Agreed to obtain labour contract license on  
event of work order form the competent authority : Yes / No
13. Date of submission of tender – dt.....

Dated:  
Place:

Signature of the Tenderers  
with seal