



**ଓଡ଼ିଶା ବିଦ୍ୟୁତ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିଡ଼.**  
**ODISHA POWER TRANSMISSION CORPORATION LIMITED**  
(A Government of Odisha Undertaking)  
**OFFICE OF THE DEPUTY GENERAL MANAGER (ELECTRICAL)**  
**EHT (O&M) DIVISION, CHATRAPUR**  
**AT-PUTIGOPALPUR, CHATRAPUR, DISTRICT-GANJAM, PIN-761020**  
**CIN- U40102OR2004SGC007553**

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**TENDER SPECIFICATION FOR TENDER CALL NOTICE No. 06/2018-19**

For

**“SHIFTING & COMMISSIONING OF 1 NO. OF EXISTING 250KVA, 33/.04KV  
STATION TRANSFORMER ALONGWITH PROVISION OF NEW DP  
STRUCTURE NEARER TO 33KV MAIN BUS SIDE AT 132/33KV GRID S/S  
GANJAM UNDER EHT (O&M) DIVISION CHATRAPUR”**

**Cost of tender paper Rs. 2000/- +12 % GST=Rs.2240/-  
(Rupees two thousand two hundred forty only)**

**ISSUED TO:-**

.....  
.....  
.....  
.....

Cug phone: 9438907288

E-mail - [ehm.div.chtrpr@optcl.co.in](mailto:ehm.div.chtrpr@optcl.co.in)



**ଓଡ଼ିଶା ବିଦ୍ୟୁତ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିମିଟେଡ.**  
**ODISHA POWER TRANSMISSION CORPORATION LIMITED**

(A Government of Odisha Undertaking)

OFFICE OF THE DEPUTY GENERAL MANAGER (ELECTRICAL)

EHT (O&M) DIVISION, CHATRAPUR

AT-PUTIGOPALPUR, CHATRAPUR, DISTRICT-GANJAM, PIN-761020

CIN- U40102OR2004SGC007553

**NOTICE INVITING TENDER**

**Advt. No. 06/2018-19**

Sealed tenders are invited by the undersigned from the Contractors having both valid H.T contract license and Civil contract license along with I.T. PAN, GST Registration certificate for “Shifting & Commissioning of 1 no. of existing 250KVA, 33/0.4KV Station Transformer along with provision of new DP structure nearer to 33Kv Main Bus Side at 132/33Kv Grid S/s Ganjam under EHT (O&M) Division Chatrapur”.

**Cost of Tender Paper:** - Rs2000/-+ GST @12% (Rs2240/-)

**EMD @ 1% of estimated cost:** -Rs 3340/-

**Sale of Tender documents:** From Dt. 21.02.19 to Dt. 07.03.19 up to 5.00PM on working days only.

**Last date of submission of tender:** Dt. 08.03.19 up to 2.00 PM.

**Date of opening of tender:** Dt. 08.03.19 at 4.00 PM

**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.

Dy. General Manager, EHT(O & M)Division, Chatrapur

**TENDER SPECIFICATION FOR TENDER CALL  
NOTICE No. 06/2018-19  
OF EHT (O & M), DIVISION, CHATRAPUR  
INDEX**

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2.	SECTION – II	General terms & conditions of contract.
3.	SECTION – III	Scope of work
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5.	SECTION – V	Detail data sheet to be furnished by the tenderers.
6.	SECTION – VI	No relation Certificate
7.	COST OF TENDER PAPER (Non-refundable)	Rs. 2000/- + 12 % GST=Rs.2240/- (Rupees two thousand two hundred forty) only by Cash/ Bank Draft drawn in favour of Dy. General Manager, EHT(O & M) Division, Chatrapur payable at Chatrapur, Odisha.
8.	E.M.D	Rs.3340/-only by cash / bank draft drawn in favour of Dy.General Manager, EHT (O & M) Division, Chatrapur payable at Chatrapur, Odisha.
9.	SALE OF TENDER PAPER	<b>From Dt. 21.02.19 to Dt. 07.03.19 up to 5.00PM on working days only</b> available in the office of the Dy. General Manager (Elec.), EHT (O&M) Division, OPTCL, Chatrapur
10.	LAST DATE OF RECEIPT OF TENDER PAPER	<b>Dt. 08.03.19 up to 2.00 PM.</b>
11.	DATE & TIME OF OPENING OF TENDER	<b>Dt.08.03.19 up to 4.00 PM.</b>
12.	Tender posted by the registered post to should be reached at:	<b>Odisha Power Transmission Corporation Ltd., Office of the Dy.General Manager, EHT (O &amp; M) Division, Chatrapur, At-Puti-Gopalpur, Chatrapur, Dist- Ganjam (Odisha),Pincode-761020</b>

SECTION - I

INSTRUCTION TO BIDDERS

The Bidders must read in detail the 'Instruction to Bidders' & 'General Terms and Conditions of contract' before filling the tender documents.

**1. TENDERS:**

- A) Bidders must submit their bids with original signature. Only those who have purchased the Tender specification from this office can submit their Tender. Tenders submitted by other will be rejected.
- B) Tender must be submitted in sealed cover subscribed as “**SHIFTING & COMMISSIONING OF 1 NO. OF EXISTING 250KVA, 33/04KV STATION TRANSFORMER ALONG WITH PROVISION OF NEW DP STRUCTURE NEARER TO 33KV MAIN BUS SIDE AT 132/33KV GRID SUBSTATION GANJAM UNDER EHT (O&M) DIVISION CHATRAPUR**” on or before 08.03.19 for opening and addressed to the **Dy. General Manager, EHT (O & M) Division, Chatrapur.**
- C) Tender shall be submitted either by registered post & any other means of delivery shall not be accepted. Detailed postal address with PIN No., Phone / Fax/Email of bidder must be mentioned in the application requesting for tender document and on the tender bid. The authority is not responsible for receipt of tender after due date due to postal delay or any other reasons. The tender should be posted by the registry post to reach at **Odisha Power Transmission Corporation Ltd., Office of the Dy. General Manager, EHT (O & M) Division, Chatrapur, At-Puti-Gopalpur, Chatrapur, Dist-Ganjam (Odisha), Pincode-761020.** Tenders received after due date due to postal delay or any other reason will not be considered. The tenderer who wants to receive the tender paper by post have to deposit additional Rs100.00 along with the tender paper cost.
- D) The bidder is to deposit EMD @ 1% of estimate value in shape of cash / bank draft drawn in favour of Dy. General Manager, EHT (O & M) Division, Chatrapur. The EMD of successful tenderers will be refunded after deposit of security-cum-performance deposit. The EMD of all unsuccessful tenderers shall be refunded on written request after finalization of tender. No interest shall be paid on EMD. No adjustment towards EMD shall be permitted against outstanding amount, if any, remained with the OPTCL.

**2. Experience:**

The bidders should possess valid H.T contract license and Civil contract license along with I.T. PAN, GST Registration certificate. Persons having experience in this type of job may be given preference subject to fulfillment of other criteria.

**3. FORFEITURE OF EMD:**

- A) In the event the successful tenderer fails to carry out the works / partly carry out the works as per the technical specification the EMD so deposited shall be forfeited.
- B) Any deviation from the terms and conditions of the contract, the EMD so

deposited shall be forfeited without any notice.

**4. INFORMATION ON COMPETITORS:**

Bidders have right to know information on competitors only at the time of opening of the bids. No further information on competitors shall be provided at any other point / stage of the tender without prejudice to Right to Information Act – 2005.

**5. OPENING OF TENDERS:**

A) Copy of valid License H.T contract license and Civil contract license along with I.T. PAN, GST Registration certificate etc. must be enclosed with the tender bids.

(B) Bidders themselves or their authorized representatives limited to one person only (possessing authorization letter in original) shall be allowed to attend opening event of the tenders.

Dy. General Manager (Elect),  
EHT (O&M) Division, Chatrapur

## SECTION - II

### GENERAL TERMS AND CONDITION

1. a. **Quantity of Materials:** The detailed quantities of required materials are appended at Section-III.  
b. **Validity:** The Tenderers are requested to keep the validity of their offer for a period of 3 months from the date of opening of tender.
2. **Price:** The bidders are advised to quote their rate as per the price schedule at Annexure – IV. The unit rate and the total amount should be entered in figures and words. Any correction should be attested under the seal of the firm/Contractor. In case of any difference between figure and words in the price schedule the price mentioned in words should be taken into consideration for evaluation.
3. **Completion of work:** The work should be completed in full shape within 45 days from the date of agreement.
4. **Penalty:** Penalty @ ½% (half per cent) per week up to a maximum of 5% of the total value of the work order will be imposed and recovered from dues admissible if the materials are not supplied within the specified date of delivery. However imposition of penalty clause is subject to force majeure condition.
5. **EMD:** The tenderers are requested to deposit EMD @ 1% of their quoted value in shape of cash / D.D. Drawn in favour of Dy General Manager, EHT O & M Div, Chatrapur. The EMD will be refunded to the unsuccessful bidder on application after finalization of tender. The EMD of the successful bidder will be refunded after award of contract on submission of security deposit. The EMD submitted by the tenderers along with bids shall not carry any interest from OPTCL. The tender without EMD will be liable for rejection.
6. **Security Deposit:** The tenderers whose offer qualifies for acceptance will be awarded work Order for execution of wiring installation and the contractor shall have to deposit Security Cum-performance guarantee equal to 5% (Five per cent) of contract value in shape of Cash / Bank Draft in favour of respective paying officer of OPTCL. The Security deposit will be released after two months of completion of the guarantee period subject to fulfillment of guarantee stated under clause on a receipt of application for this purpose. No interest shall be paid to the contractor towards the security deposit so deposited by him.
7. **Terms of Payment:** 90% per cent payment will be paid by the paying officer after completion of work in good condition and verification thereof by the consignee and approval of Guarantee Certificate from the competent authority. The bills in triplicate may be submitted to the paying officer along with delivery challan duly verified by the concerned Consignee.
8. **Guarantee:** The materials covered under this contract should be guaranteed against defects in material for a period of 18 months from the date of supply or 12 months from the date of use Whichever is earlier. In case of any defects noticed during this period the same shall be replaced / rectified by the contractor free of cost provided such defects are due to fault design / bad workmanship or bad materials used upon written notice from the undersigned. The replaced material should also have similar guarantee. The above guarantee certificate shall be furnished in triplicate to the undersigned for approval. In the event of any breach or default in all or any condition of work order Security Deposit will be forfeited.

9. **Consignee:** - S.D.O, TLS Ganjam is the consignee for the above work.
10. **Paying Officer:** The Dy. General Manager EHT (O&M) Division Chatrapur is the paying Officers for this work contract
11. **Jurisdiction of Court:** Suits if any, arising against the work order to be issued to the Contractor shall be filed by either party in any court of law to which the jurisdiction of Odisha High Court extends.
12. **Outright rejection of Tenderers:** The offers submitted by the contractor shall be out rightly rejected if they do not comply to the Sl. No. 2 to 10 of Annexure – V. The Authority reserves the right to award the contract among any responsive bidders against this tender.

All other terms and conditions will be governed by OPTCL as per Rules.

Dy. General Manager (Elect),  
EHT (O&M) Division, Chatrapur

**SECTION - III****Scope of work**

Serial no.	Description of Work	Unit	Quantity
01	02	03	04
1	Excavation & back filling of earth in hard soil including supply of all T&P and labors as per direction of the Engineer-in-charge. For D.P-2nos x 1m x 1m x 1m=2.0cum For Transformer plinth 1no x 1.8m x 1.8m x 0.7m=2.26cum Total=2.0 + 2.26 = 4.26	Cum	4.26
2	Cement concrete(1:4:8) with 40mm size hard granite machine broken chips including supply of all T&P and labours as per direction of the Engineer-in-charge. For D.P- 2nos x 1m x 1m x 0.15m = 0.3cum For Transformer plinth-1no x1.8m x 1.8m x 0.15m= 0.49cum Total = 0.3 + 0.49 = 0.79cum	Cum	0.79
3	Cement concrete (1:2:4)with 12mm size hard granite machine broken chips including supply of all T&P and labours as per direction of the Engineer-in-charge. For D.P- 2nos x 0.75m x 0.75m x1.15m = 1.29cum For Transformer plinth-1no x1.5m x 1.5m x 2.05m= 4.61cum Total = 1.29 + 4.61 = 5.90cum	Cum	5.90
4	Cutting, bending, hooking, fixing and binding in position of 12mm Ms bars for reinforcement of foundation concrete including supply of wire for binding as per direction of Engineer-in-charge. a)12mm rod For Straight rod-2.20m x 24nos=52.80 For Mat-1.65m x6 x 2nos=19.80 Total= 52.80 +19.80=72.60Kg x 0.89=64.61Kg b)10mm rod For Ring 6.15m x 8nos=54.80 mtr x 0.62m/kg=34kg Total= ( a +b)=64.61Kg + 34kg =98.61Kg	Kg	65.00
5	12mm thick Cement Plaster(1:6) over plinth 4Sides x 1.5m x 1.5m=9sqm Top= 1.5mx1.5 m=2.25 Total=11.25	Cum	11.3
6	Connection of GI flat from earth mat to equipment welding of different size flats application of two coats of bituminous paint wrapping of HT tapes over it with supply of labor and T&P using GI flat of size 50 x 5mm without supply of GI flat..	Mtrs.	21
7	Pipe earthing including excavation of earth treatment of bentonate compound back filling with borrowed earth termination to earth mat riser by nut bolting apply of paint where necessary with supply of all labour and T&P.	Set	5
8	Erection of Station Transformer-33/0.4kv 250kva	Nos.	1
9	Erection of 33kv LA (structure mounted) Transportation of equipment from site store erection as per the specification and instruction of the Engineer-in-charge with supply of labour and T&P)	Nos.	3

10	Erection of joist pole channel ,pin insulators, 33kv AB Switch, HG fuse	Ls	1
11	Busbar stringing ACSR Panther(Single) with fixing of insulator string (With supply of labour and excludng supply of conductor insulators hardwares clamps & connectors	Mtrs.	30
12	Laying of LT Aluminium power armoured cable including Excavation providing brick sand laying underground.	Mtrs.	10
13	Dismental of S.I structure mounted	No.	1
14	Dismental of S.I structure	MT	0.29
15	Dismental of H.G fuse structure mounted.	No.	3
16	Dismental of H.G fuse structure	MT	0.35
17	Dismental of Station Transformer(70% of item7)	Nos.	1
18	Dismental of Station Transformer Plinth of Cemet Concrete 1.5x1.3x2m=3.9Cum	Cum	3.9
19	Erection of S.I(Beam mounted)	3 Phase unit	1
20	Dismantling of LT distribution box along with supported channel	LS	1
21	Erection of LT distribution box along with supported channel	LS	1
22	Supply of 100x116mm RS Joist 9Mtrs Length each (2 Nos @ 23.0kg/mtr.)with base plate 9m x 23.0kg/m x 2nos = 414kg	Kg.	414
23	Supply of 100 x 50 x 6mm MS Chanel of 2.9 mtrs lengthg each(8Nos. @9.20kg/mtr) 2.9m x 9.30kg/m x 8no = 213.44Kg	Kg.	213.4
24	Supply of 75 x 40 x 6mm Cantilever MS Chanel For Supporting AB Switch = 2nos x 1m=2m For Supporting H.G Fuse = 2nos x 1m=2m For Supporting AB Switch handle = 1m Total = 5m x 6.8Kg/m = 34.0Kg	Kg.	34
25	Supply of 50x50x6mm M.S Angle for cantilever arrangement & bracing members for supporting poles For Supporting AB Switch = 2nos x 2.9m=5.8m For Supporting H.G fuse = 2nos x 2.9m=5.8m For Bracing member = 2nos x 5m=10.0m Total = (5.8+5.8+10.)m = 21.6m Grand total; weight = 21.6mx4.5Kg/m=97.2kg	Kg.	97.2
26	Supply of MS Nut, Bolt and Washer of different sizes(LS)	Kg.	36
27	Supply of 33Kv Pin Insulator	Nos.	3
28	Supply of 33Kv GI Pin	Nos.	3
29	Supply of 33Kv 400A,3 Pole AB Switch	Set	1
30	Supply of 50x5mm G.I Flat	Kg.	70

Date:  
Place:

SIGNATURE OF THE TENDERER WITH SEAL

**SECTION - IV****SCHEDULE OF PRICE**

<b>Sl no.</b>	<b>Description of Work</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate in Rs.</b>	<b>Amount in Rs.</b>
1	Excavation & back filling of earth in hard soil including supply of all T&P and labors as per direction of the Engineer-in-charge. For D.P-2nos x 1m x 1m x 1m=2.0cum For Transformer plinth 1no x 1.8m x 1.8m x 0.7m=2.26cum Total=2.0 + 2.26 = 4.26	Cum	4.26		
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8	Erection of Station Transformer-33/0.4kv 250kva	Nos.	1		

9	Erection of 33kv LA (structure mounted) Transportation of equipment from site store erection as per the specification and instruction of the Engineer-in-charge with supply of labour and T&P)	Nos.	3		
10	Erection of joist pole channel ,pin insulators, 33kv AB Switch, HG fuse	Ls	Ls		
11	Busbar stringing ACSR Panther(Single) with fixing of insulator string (With supply of labour and excludng supply of conductor insulators hardwares clamps & connectors	Mtrs.	30		
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20	Dismantling of LT distribution box along with supported channel	LS	LS		
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23	Supply of 100 x 50 x 6mm MS Chanel of 2.9 mtrs length each(8Nos.@9.20kg/mtr) 2.9m x 9.30kg/m x 8no = 213.44Kg	Kg.	213.4		
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26	Supply of MS Nut, Bolt and Washer of different sizes(LS)	Kg.	36		
27	Supply of 33Kv Pin Insulator	Nos.	3		

28	Supply of 33Kv GI Pin	Nos.	3		
29	Supply of 33Kv 400A,3 Pole AB Switch	Set	1		
30	Supply of 50x5mm G.I Flat	Kg.	70		

Date:

Place:

SIGNATURE OF THE TENDERER WITH SEAL

**SECTION-V**

**DETAILED DATA SHEET TO BE FURNISHED BY THE TENDERERS**

1. Name of the Contractor with detailed postal address and telephone no.:
  
2. Earnest money deposited vide Bank Draft No. \_\_\_\_\_ Date \_\_\_\_\_ / By Cash amount in Rs. \_\_\_\_\_  
(Rupees \_\_\_\_\_) only vide money receipt No. \_\_\_\_\_ Dated \_\_\_\_\_.
  
3. Attested copy of PAN No. / GST Registration Certificate: Furnished / Not furnished.
4. Attested copy of the valid HT License/ Civil license: Furnished / Not furnished.
5. Agreed to furnish Contract security deposit: Yes / No
6. Agreed to accept payment terms as per the contract: Yes / No
7. Agreed to adhere completion of work as per the tender: Yes / No
8. Agreed to accept penalty clause as per the tender: Yes / No
9. Attach past experience certificate for the similar jobs in OSEB / GRIDCO or any other agencies : Yes / No
10. Agreed to keep validity of the offer one year from the date of tender opening without any validation in tender clause Yes / No
11. Agreed to obtain labour contract license on event of work order from the competent authority : Yes / No
12. Date of submission of tender. : Dt. \_\_\_\_\_

Dated:  
Place:

Signature of the Tenderer with seal

**SECTION – VI**

**NO RELATION CERTIFICATE**

THIS IS TO CERTIFY THAT I / WE HAVE NO RELATIONSHIP WITH ANY OF THE EMPLOYEES IN THE RANK OF ASST. MANAGER AND ABOVE SERVING UNDER OPTCL, ODISHA. IN CASE THE ABOVE STATEMENT IS FOUND TO BE FALSE, I / WE MAY BE DEBARRED FROM ANY PAYMENT DUE ON ACCOUNT OF THIS CONTRACT.

**SIGNATURE OF THE TENDERER**