



ODISHA POWER TRANSMISSION CORPORATION LTD.  
OFFICE OF THE GENERAL MANAGER: ELECT.  
EHT (O&M) CIRCLE: CHAINPAL  
AT/PO: CHAINPAL COLONY, PIN-759104, and DIST: ANGUL (ODISHA)  
PH. NO.06760-211089/ FAX-06760-249222.  
Email: ehtm.cle.chp@optcl.co.in

TENDER SPECIFICATION  
NO.21/2016-2017

FOR

FOR PAINTING OF DIFFERENT EQUIPMENTS AT GRID S/S MERAMUNDALI  
UNDER EHT (O&M) CIRCLE, CHAINPAL.

SALE OF TENDER SPECIFICATION:	DT. 21-11-2016
LAST DATE SALE OF TENDER SPECIFICATION:	DT. 30-11-2016
LAST DATE OF SUBMISSION OF TENDER:	DT. 01-12-2016
DATE OF OPPENING OF TENDER:	DT. 01-12-2016
COST OF TENDER PAPER: RS 2000.00+05% VAT (Rs 2100.00)	

ISSUED TO,

M/S.....

.....

.....

## **CONTENTS**

1. SECTION -I: TENDER CALL NOTICE
2. SECTION -II: INSTRUCTION TO THE TENDERER
3. SECTION -III: GENERAL TERMS & CONDITIONS OF CONTRACT
4. SECTION -IV: TECHNICAL SPECIFICATION & PRICE BID
5. SECTION -V: DECLARATION BY THE BIDDER.

## SECTION-1



ODISHA POWER TRANSMISSION CORPORATION LTD.  
(A Government of ODISHA Under Taking)  
OFFICE OF THE GENERAL MANAGER: ELECT.  
EHT (O&M) CIRCLE: CHAINPAL, AT/PO: CHAINPAL COLONY,  
DIST: ANGUL (ODISHA), Pin-759104  
PH. NO.06760-211089, Email-[ehm.cle.chp@optcl.co.in](mailto:ehm.cle.chp@optcl.co.in)

### **TENDER CALL NOTICE NO. 21/ 2016-17**

The General Manager (Elect.), E.H.T. (O&M) Circle, Chainpal invites sealed Tenders in duplicate from intending Bidders Having valid HT/MV Electric Contract License with PAN and Service tax regd. for Painting of different equipments at Grid S/S Meramundali under EHT (O&M) Circle, Chainpal.

The tender specification can be obtained from the office of The GM EHT (O&M) CIRCLE, CHAINPAL on payment of **Rs. 2000/- (Two Thousand only)** +VAT @ 5% (Non Refundable) in shape of **Cash (Legal Tender Only as per RBI)/Bank Draft** in favor of EHT (O&M) CIRCLE, CHAINPAL payable at , TTPS, Talcher on any working day upto **01.00PM** from **Dt.21-11-2016 to Dt.30-11-2016**. In case the B.D made from any other nationalized bank payable at any clearing branch at Talcher/Angul will be allowed, But the bidders have to deposit the collection fee (Bank transaction fee) along with the paper cost. The collection fee & Paper cost is **Nonrefundable**. Additional amount of Rs.100/- (One Hundred only) may be paid extra for postal delivery of the tender specification. The undersigned shall not be held responsible for any postal delay.

**The Tender shall be received Up to 01.00 PM of dated 01.12.2016 & will be opened at 03.30 Hours of same day** in the Office of the undersigned in the presence of the Bidders (or) their Authorized Representatives present if any. If any of the above date happens to be a holiday, the next working day will be the corresponding effective date. One Tender paper shall be issued to one Bidder. E.M.D @ 1% of the total quoted value should be deposited in shape of Demand Draft / Cash in favour of E.H.T. (O&M) Circle, Chainpal & payable at "UCO Bank", TTPS Branch along with Self Attested Copy of PAN and Service Tax Registration Certificate failing which the tender will be liable for rejection.

The bidder should superscribe only the "Tender Call Notice No. & Date of Opening of the tender on the body of the Sealed Envelope". Bidder should not write their name or any other information on the body of the sealed envelope. Super scribing any other information on the body of the envelop. Conditional tender, Incomplete tender, Telegraphic / Fax / E-mail (etc.) Tenders & Tenders not accompanied with requisite amount of E.M.D. will be rejected. The authority reserves all rights to reject any, all or part of the Tender, alter/modify the requirement/ delete any part of the tender without assigning any reason thereof.

**N.B:- Tender Paper must be purchased from this office only within stipulated period. No other mode like downloaded paper from website will be accepted.**

GENERAL MANAGER

Energy is precious. Save it.

## SECTION-II

## **INSTRUCTIONS TO BIDDER**

1. The contract shall be valid only for a period of 06 (Six) months from the date of opening of tender. The department reserves the right also to terminate the contract at any time during the contract period without assigning the reasons thereof.
2. The authority reserves the right to award the contract among any responsive bidders against this tender. Besides this, the authority reserves the right to accept or reject any or all tenders without assigning any reason thereof.
3. **The bidder has to submit all the documents as mentioned in Clause No.11 of SECTION-III. Also the documents must valid on the date of opening of tender should be submitted along with tenders, failing which the tender will be rejected. The bidder or their authorized representatives should produce the original documents mentioned in Clause No.11 of SECTION-III 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 not matching with the Xerox copy submitted by the bidder; their tenders will be out rightly rejected. In case if only one bidder participate in the tender process or nature of urgency of work (decided by this office), then undersigned may consider the case (\*but not mandatory) & he will be given a chance to produce original documents in this office within one week from the date of opening of the tender.**
4. In case of any dispute arising either in supply of material or any clause of agreement/ work order, the decision of the Unit Head, will be final and binding on the Bidder.
5. Tender with over writing, erased, illegible rates or rates not shown in figures and words in English will be liable for rejection. In case of discrepancy between words and figures noted against each item of the tender and between unit rates and total amount, the decision of the Competent Authority (Committee or Unit Head) accepting the tender will be final and binding on the bidders. Total of item and grand total of whole tender be clearly written. Correction in the tender, if un-avoidable, should be made by re-writing with dated initial of the bidder after scoring out wrong entries, clerical and arithmetical mistakes may result in the rejection of the tender.
6. The bidders shall sign on all pages of the tender document as a token of acceptance of all terms and conditions thereof and submit his quotations therein.
7. The schedule of prices should be filled up fully to indicate the break-up of the prices including taxes and duties. Incomplete submission of this schedule will make the tender liable for rejection.
8. Request from the bidder in respect of additions alternations, modifications, corrections of either terms or conditions or rates after opening of the tender will not be considered.
9. All correspondence relating to the tender shall be made with General Manager (El.), E.H.T. (O&M) Circle, OPTCL, Chainpal.

**N.B:-**

- i) *All the materials required for work shall be of good quality relevant to concern IS. Engineer in charge shall ensure the quality of material supplied.*
- ii) *The Rate quoted by the bidder will be judged as per the recent Market price, Estimate & OPWD code.*

## **SECTION-III**

### **GENERAL TERMS & CONDITIONS OF CONTRACT**

Sealed tenders are invited in duplicate from intending Bidders having valid HT/MV Electric Contract License with PAN and Service tax regd. for Painting of different equipments at Grid S/S Meramundali under EHT (O&M) Circle, Chainpal.

**1. SUBMISSION & OPENING OF TENDER:-**

Tender shall be submitted with other documents in duly sealed envelope super scribed on the body of envelope "Tender for Painting of different equipments at Grid S/S Meramundali". The bidder should write only Tender Specification No, the name of work and date of opening of the tender on the body of the sealed envelope. Bidder should not write their name or Agency name on the body of the sealed envelope which may make the offer liable for rejection.

**2. RIGHT & AUTHORITY FOR REJECTION:-** Tenders received after due date and time will be summarily rejected. The General Manager (Electrical), E.H.T. (O&M) Circle, Chainpal reserves the right to reject any or all of the tenders without assigning any reason thereof.

**3. VALIDITY OF OFFER:-** The offer should be firm and valid for a period of at least 120 days from the date of opening of tenders. Unless the tender will be rejected.

**4. EARNEST MONEY DEPOSIT:-** The tender should be accompanied with 1% of the total quoted amount towards Earnest Money Deposit (EMD) in shape of **Cash (Legal Tender Only as per RBI)/Bank Draft** in favour of EHT (O&M) CIRCLE, CHAINPAL payable at UCO Bank, TTPS, Talcher otherwise tender will be out rightly rejected. In case the B.D made from any other nationalized bank payable at any clearing branch at Talcher/Angul will be allowed, But the bidders have to deposit the collection fee (Bank transaction fee) along with the EMD. The collection fee is Nonrefundable & It can't be taken into account of EMD deposit. The EMD of the unsuccessful bidders will be returned after finalization of tender. The EMD of the successful bidders will be returned only after the Security money deposited as per the clause No.(6) in Section (III). In case of successful bidder fails to execute the order satisfying all terms & conditions or also fails to commencement of work within stipulated date mentioned in the date of order, the Earnest Money Deposit will be forfeited. No interest will be paid on the EMD to any participator. No other mode than above for EMD Deposit will be accepted & bidder will be out rightly rejected.

**5. PRICE:-** The bidders are advised to quote their rate as per the price schedule in Section-IV with break up prices including of all Taxes & Duties and shall remain upto the validity of tenders.

**6. SECURITY DEPOSIT:-** The bidders whose offer qualifies for acceptance will be awarded work order for execution of the works and the bidder shall have to deposit security amount equal to 10% (ten percent) of contract value in shape of cash/bank draft drawn in favour of respective Divisional/Unit Head, of OPTCL, The security deposit shall be released after two months of the guarantee period as stated under clause-10 of SECTION-III on receipt of application for this purpose. No Interest shall be paid to the bidder towards the security deposit so deposited by the Bidder. The security deposit shall be deposited with the respective paying officer of OPTCL prior to commencement of work. The security deposit shall be released after expire of Guarantee period. In case of Non fulfillment of contractual obligation by the supplier, the same so deposited shall be forfeited.

**AGREEMENT-**An agreement should be made with Divisional/Unit Head, of OPTCL before execution of work with a non judicial stamp paper of Rs.101.00/- at the time Deposit of Security amount mentioned above.

**7. COMMENCEMENT & COMPLETION OF WORK:-** The works awarded should be commenced from 15 days of the award of the contract and completed within 60 days. If the work could not be completed within scheduled date due to any valid reason, then completion period may be extended on

written request by the Bidder. If the work will not commence & complete within the stipulated period, then the penalty should be imposed as per clause No.08 of SECTION-III.

**8. 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 work will not completed within the specified date in SECTION –III, clause-7. However imposition of penalty clause is subject to force majeure condition.

**9. TERMS OF PAYMENT:** - 100 % (one hundred percent) payment against Security Deposit along-with full taxes and duties (if any) shall be made after successful completion of the work in all respect and verification reports thereof by respective consignee and Paying Officer and on receipt of funds from Head Office in this regard. After complete execution of work, the bidder shall produce the printed bills to the respective consignee/Paying Officer for effecting payment.

**10. GUARANTEE PERIOD:** - The work done by the contractor as per contract specification should be guaranteed for satisfactory operation and against any defects, in materials & the workmanship for a period of 18 months from the date of completion of the work or 12 months from the date on which transmission lines/Sub-stations equipment has been put to service, whichever is earlier. The above guarantee certificate shall be furnished in triplicate to the Paying officer for approval. Any defects noticed during the period shall be rectified by the contractors at its own cost, without any financial burden to OPTCL.

**11. DOCUMENTS:-** The following Xerox copy should be submitted with the tender paper & the same will be verified with original documents at the time of opening of tender.

- i) **HT/MV Electrical License.**
- ii) Service Tax Registration Certificate from the Central Excise Deptt.
- iii) Valid PAN/ TIN.
- iv) VAT Regtd. & VAT CC
- v) Experience Certificate (weightage will be given in tie condition)

**12. ADDITION OR DELETION OF CONTRACT:-** The Contract may be altered in quantum as per exigencies of work. The bidder shall accordingly provide services as may be required by the Officer- in -Charge on being given a notice of 15 days

**13. ARBITRATION:-** In the event of any dispute arising out his contract. The same shall be referred for arbitration to the Director (HRD) OPTCL, Bhubaneswar or any arbitrator appointed by the Chairman- Cum- Managing Director, OPTCL after due notice of claim and such appointment and the award of the arbitrator shall be final and binding arbitration and conciliation Act. 1996 shall apply. The venue of arbitration will be Bhubaneswar.

**14. CONSIGNEE:-** The AGM/Manager/SDO, in charge of Grid S/S Meramundali will be the consignee for the contract.

**15. PAYING OFFICER:-** The DGM, EHT(O&M) Division, Meramundali is the paying Officer for contract..

**16. JURISDICTION OF COURT:-** Suits if any, arising against the work order to be issued to the Bidder shall be filled by either party in any court of law to which the jurisdiction of Odisha High Court extends.

**17. SAFETY PRACTICE:-** The Bidder must be followed the OPTCL safety Rule while performing the work. The workmen must provided Safety equipment by the contractor while performing the works .No deviation will be allowed and the consignee has got any power to stop the work at any time on the breach of safety practice.

**SECTION-IV**  
**TECHNICAL SPECIFICATION & PRICE SCHEDULE**

(Painting of Equipments)

Sl No	Description of Work	Unit	Quantity	Rate/ Unit in Rs	Total Amount in Rs.	Remarks
1	Painting of Equipment and accessories (as per part A of Annexure)-Removal of rust/old paint by scrubbing/wire brushing. Derusting of surface & cleaning manually by cotton waste. Painting by applying one coat bison zone phosphate primer and two coats of painting with BERGER/ASIAN make (High glossy Luxor) or equivalent enamel paint of BS Grey over the primer minimum thickness of painting 80 microns with supply of all materials, consumables, T&P and as per the instruction of the Engineer in charge	Sqm	2483.515			
2	Painting of Oil Tankers and accessories (as per part B of Annexure)-Removal of rust/old paint by scrubbing/wire brushing. Derusting of surface & cleaning manually by cotton waste. Painting by applying one coat bison zone phosphate primer of BERGER/ASIAN make and two coats of painting of primer to be applied with high build M10 (sand witch coat) over the primer coat and final two coats of painting with BERGER/ASIAN make (High glossy Luxor) or equivalent enamel paint of BS Grey over the sand witch coat primer minimum thickness of painting 80 microns with supply of all materials, consumables, T&P and as per the instruction of the Engineer in charge	Sqm	181.128			
3	Painting of Gate and Structures (as per part C of Annexure)-Removal of rust/old paint by scrubbing/wire brushing. Derusting of surface & cleaning manually by cotton waste. Painting by applying one coat H/B zinc phosphate primer of BERGER/ASIAN make and two coats of Aluminum paint of BERGER/ASIAN make including cost of materials , consumables, T&P and as per the instruction of the Engineer in charge	Sqm	2450.798			
A	<b>Total</b>					
B	<b>Service Tax @ 15% on 70% of total value(+)</b>					
C	<b>Grand Total (C=A+B)</b>					

In Words Rupees.....

..... Only

Date:  
Place:

Signature of the Bidder  
with seal

Annexure

<b>Details Measurement of surface area of Equipments need to be painted in 400/220/132kv Grid S/S, Meramundali</b>					
<b>A. Area of Switchyard Equipment</b>					
<b>Sl No</b>	<b>Name of the Equipment</b>	<b>Unit</b>	<b>Quantity</b>	<b>Surface area per Equipment</b>	<b>Total Surface Area</b>
1	C.T	Sq.Mtr.	90	4.481	403.29
2	C.T Console Box	Sq.Mtr.	30	4.455	133.65
3	C.V.T	Sq.Mtr.	37	2.348	86.876
4	C.V.T Console Box	Sq.Mtr.	13	2.889	37.557
5	AC Box MK	Sq.Mtr.	8	11.29	90.32
6	E/S Mechanism Box	Sq.Mtr.	64	1.5	96
7	Isolator Mechanism Box	Sq.Mtr.	64	2.778	177.792
				<b>Total</b>	<b>1025.485</b>
<b>220KV Switch Yard</b>					
1	220KV Breaker	Sq.Mtr.	10	1.2	12
2	Breaker Marshalling Box	Sq.Mtr.	10	6.5	65
3	Compressor	Sq.Mtr.	10	8.846	88.46
4	Bay Junction Box	Sq.Mtr.	10	7.3	73
5	ACDB	Sq.Mtr.	10	5.75	57.5
6	C.T	Sq.Mtr.	63	5.5	346.5
7	C.T Console Box	Sq.Mtr.	21	2.2	46.2
8	P.T	Sq.Mtr.	6	5.5	33
9	P.T Console Box	Sq.Mtr.	2	1.75	3.5
10	BLM ACDB	Sq.Mtr.	12	2.68	32.16
11	Junction Box	Sq.Mtr.	15	2.97	44.55



12	Marshalling Kiosk Box	Sq.Mtr.	1	3.75	3.75
13	CVT Console Box	Sq.Mtr.	21	5.5	115.5
14	CVT Console Box	Sq.Mtr.	21	1.5	31.5
15	Isolator Mechanism Box	Sq.Mtr.	79	3.15	248.85
16	E/S Mechanism Box	Sq.Mtr	16	1.1	17.6
				<b>Total</b>	<b>1219.07</b>

### 132 KV Switch Yard

1	C.T	Sq.Mtr	36	3.64	131.04
2	C.T Console Box	Sq.Mtr	12	1.2	14.4
3	P.T	Sq.Mtr	3	3.64	10.92
4	P.T Console Box	Sq.Mtr	1	1.75	1.75
5	ACDB	Sq.Mtr	2	5.7	11.4
				<b>Total</b>	<b>169.51</b>

### 33KV Switch Yard

1	33KV Breaker	Sq.Mtr	3	9.55	28.65
2	C.T	Sq.Mtr	6	2.55	15.3
3	C.T Console Box	Sq.Mtr	2	1.5	3
4	P.T	Sq.Mtr	3	2.55	7.65
5	P.T Console Box	Sq.Mtr	1	1.5	1.5
6	0.4KV Secondary Box	Sq.Mtr	2	6.675	13.35
				<b>Total</b>	<b>69.45</b>

### Grand Total For Equipment Sq. Mtr.

**2483.515**

### B. Area Of Transformer Oil Tankers

Sl No	Name of the Equipment	Unit	Quantity	Surface area per Equipment	Total Surface Area
1	Oil Tanker(20KL)	Sq.Mtr	3	60.376	181.128

### C. Substation Structures

Sl No	Name of the Equipment	Unit	Quantity	Surface area per Equipment	Total Surface Area
1	Grid Main Gate(Big)	Sq.Mtr	1	11.32	11.32
2	Grid Main Gate(Small)	Sq.Mtr	1	2.52	2.52
3	Grid Back side Gate	Sq.Mtr	1	11.32	11.32
4	400KV Main Gate	Sq.Mtr	1	19.1	19.1
5	220KV Main Gate	Sq.Mtr	1	13.528	13.528
6	132KV Main Gate	Sq.Mtr	1	12.21	12.21
7	132KV Main Gate(Small)	Sq.Mtr	1	3.8	3.8
8	400KV Fencing	Sq.Mtr	1	1225	1225
9	220KV Fencing	Sq.Mtr	1	790	790
10	132KV Fencing	Sq.Mtr	1	260	260
11	33KV Fencing	Sq.Mtr	1	102	102
				<b>Total</b>	<b>2450.798</b>

## SECTION-V

### **DECLARATION BY THE BIDDER**

1. Name of the bidder with  
Detailed postal address with  
Contact Number.
2. Earnest money deposited vide Cash receipt/ Bank Draft No.....Dated.....  
Amount in Rs.....(Rupees.....) only.
3. Tender Paper Purchased vide Cash receipt/ Bank Draft No.....Dated.....  
Amount in Rs.....(Rupees.....) only.
4. Xerox copy of PAN/TIN: Furnished/ not furnished
5. HT/MV Contract License Furnished/ not furnished
6. Xerox copy of VAT Registration certificate: Furnished/ not furnished
7. Xerox copy of VAT clearance certificate: Furnished/ not furnished
8. Xerox copy of Service Tax Registration No. Furnished/ not furnished
9. Agreed to furnish & accept Contract Security deposit clause: Yes/ No.
10. Agreed to accept payment terms as per Tender Specification. Yes/ No.
11. Agreed to adhere time period as per the contract: Yes/ No.
12. Agreed to accept penalty clause as per the tender: Yes/ No.
13. Attach past experience certificate for the similar jobs  
in OSEB/ GRIDCO or any other agencies. Yes/ No.
14. Agreed to keep validity of the offer for one year from the  
Date of tender opening without any variations in tender clause: Yes/ No.
15. Agreed to obtain labour contract license on event  
of work order from the competent authority (if required): Yes/ No.

Date:  
Place:

Signature of the Bidder  
with seal