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ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Govt. of Odisha undertaking)

CIN – U40102OR2004SGC007553

REGD. OFFICE: JANPATH, BHUBANESWAR-751022,

OFFICE OF THE GENERAL MANAGER (Elect)

EHT (O&M) CIRCLE, BHUBANESWAR

AT-Grid Sub-Station, Chandaka, PO-KIIT

Bhubaneswar-751024

E-mail - ehtm.cle.bbs@optcl.co.in

TENDER SPECIFICATION FOR OPEN TENDER CALL NOTICE NO. **27**/BBS/2019-20
OF EHT (O&M) CIRCLE, BBSR FOR “TOWER MEMBER PAINTING OF 132KV
KHURDA-MENDHASAL & 132KV KHURDA-KAIPADAR LINE UNDER EHT (O&M)
DIVISION, KHURDA & 132KV CHANDAKA-MENDHASAL LINE UNDER EHT (O&M)
DIVISION, BHUBANESWAR”.

COST OF TENDER DOCUMENT :

Rs. 4,000/-+ 12 % GST =Rs.4,480/-

Money Receipt No.....

Date:.....

GSTIN:.....

GENERAL MANAGER (ELECT)
EHT (O&M) CIRCLE, BHUBANESWAR

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ODISHA POWER TRANSMISSION CORPORATION LIMITED



(A GOVT. OF ODISHA UNDERTAKING)

CIN – U40102OR2004SGC007553

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TENDER SPECIFICATION FOR TENDER CALL NOTICE NO. 27/BBS/2019-20
OF EHT (O&M) CIRCLE, BHUBANESWAR

1. Price of tender document Rs. 4,000/-+ 12 % GST =Rs.4,480/-

(Rupees Four Thousand Four Hundred-eighty) Only

By Demand draft to be drawn in favour of
EHT (O&M) Circle, OPTCL, Bhubaneswar
payable at Bhubaneswar (Non-Refundable)

2. COMMENCEMENT OF SALE OF TENDER PAPER Dt.04.03.2020 (During Office Hours)
3. LAST DATE OF SALE OF TENDER PAPER Dt.17.03.2020
4. LAST DATE & TIME OF RECEIPT OF TENDER PAPER Dt.18.03.2020 (Up to 3:00P.M.)
5. DATE & TIME OF OPENING OF TECHNO-COMMERCIAL BID Dt.19.03.2020 at 03:00 P.M.

SECTION-I
INSTRUCTION TO BIDDERS

1. The bidders must read in detail the “Instruction to Bidder”, “General terms and conditions” and “Technical Specification” before filling the Tender documents. There are five sections in this Tender Specification. *The following tender bid shall be done in two (2) parts viz. (a) Techno-Commercial Bid (b) Price Bid.*

2. **MODE OF SUBMISSION**

The tender should be submitted in 2 Envelope system.

I). **The Envelope No.1 TECHNICAL BID** will contain the EMD **in the form of DD (from any nationalise /Scheduled Bank)only in favour** of **EHT (O&M) Circle, OPTCL, Bhubaneswar, Payable at Bhubaneswar** and the unconditional acceptance letter on the letter-head in respect of the tender conditions as per proforma available in the tender document. The EMD in any other form shall not be accepted. This envelope No. 1 will also contain the tender document (without Price Bid) duly signed without any conditions. This shall contain all information asked vide condition and Conditional tenders shall be treated as non-responsive and rejected.

II). **The Envelope No.2 Price BID** will contain the unconditional Price Bid duly signed by authorized signatory.

III). Both the Envelopes shall be sealed separately and shall be marked/written respectively as Technical Bid and Price Bid. These 2 sealed envelopes shall be submitted in an outer sealed envelope clearly mentioning the name of work for which the tender is offered. The Envelope No. 1 shall be opened on its due date & time in presence of the bidders or their representatives who wish to be present. On verification of the Envelope No.1 contents as detailed above, the envelope no. 2 of qualified bidders will be opened on the date intimated separately. Conditional tenders will be summarily rejected. If the contents/requirements of the envelope No.1 are not found in order, the envelope No.2 shall not be opened and offer of that bidder will be rejected. The rates for the items are to be quoted both in words & figures. The rates in words shall supersede the rates in figures and shall be treated as the final rates quoted. All envelopes / packets shall be individually sealed as well as marked as given below and kept in an outer envelope super-scribed as:

NAME OF THE WORK-

OTCN No :

From (Name of the Company)

Due on :

3. **CONDITION OF TENDERS:**

- a) Bidders must submit their bids with original signature **in individual page.**
- b) Bidders having Labour license & **E.H.T contractor's license** issued by Chief Electrical Inspector ,Govt. of Odisha and having experience in similar nature of work in EHT system if any .

- c) The techno-commercial bid shall be opened on Dt.**19.03.2020** and the opening of price bids will be intimated later.
 - d) Tender shall be submitted either in Person or by Registered post with A.D/Courier service. Any other means of delivery shall not be accepted. The Tender submitted in person is to be dropped in the Tender Box. Tenders received after due date and time will not be considered. The authority will not be responsible for receipt of Tender after due date and time for postal delay or any other reasons.
 - e) Conditional offers will not be accepted.
 - f) If the last date of receipt of tender and its opening is declared as a holiday, it will be received and opened on the next working day in same time.
 - g) **The bidders are advised to visit the site and make themselves acquainted with the site condition before submission of tender.**
 - h) **On award of contract the bidder shall strictly follow the safety rules during execution of the work.**
 - i) Copy of up-to-date EHT license, PAN Card and GST certificate should be enclosed with the tender.
- 4. EARNEST MONEY DEPOSIT (EMD):** The tender must be accompanied by an EMD of **Rs.9,000/-** in shape of Demand Draft (**from any nationalise /Scheduled Bank**) to be drawn in favour of **EHT (O&M) Circle, OPTCL, Bhubaneswar, payable at Bhubaneswar**. The EMD of successful bidders will not be adjusted towards security deposit and shall be refunded on written request after receipt of security deposit. The EMD of all unsuccessful bidders shall be refunded on written request after finalization of Tender. No interest shall be paid on E.M.D.
- 5. FORFEITURE OF E.M.D.:**
- a) In the event, the successful bidder failing to accept the order or supply the materials as per the technical specification EMD so deposited shall be forfeited.
 - b) Any deviation from the terms and conditions of the contract awarded, may also lead to forfeiture of EMD without any notice.
 - c) ***The EMD not claimed for refund within a period of one year from the date of issue of purchase / work orders, shall be forfeited.***
- 6. INFORMATION OF 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.

7. Bidders themselves or their authorized representatives shall be allowed to attend opening event of the tender.
8. The Tenderer may alter the quantities of materials at the time of placing orders. Orders may also be split up among more than one bidder if necessary. Only those who have purchased the tender specification in the name of their firm from this office can submit their tender. Tenders submitted by others will be rejected. The Bidders may please note that the Word 'item' in the paragraph shall mean the materials/equipment as specified in the 'Tender Specification'. In case of deviations, the decision of the purchaser shall be final.
9. The Tenderer reserves the right to reject the lowest or any other tender or all tenders without assigning any reason what so ever.
10. Tender documents should be written clearly and without any overwriting and corrections. Erasures and other changes shall bear the dated initial of the person signing the tender.
11. 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.
12. For evaluation, the price mentioned in words shall be taken if there is any difference in figure and words in the price bid.
13. **The tenders shall be outright rejected if they do not comply with the following requirements.**
 - a) Bidder should have purchased the relevant tender specification from the office of the General Manager, EHT (O&M) Circle, OPTCL, Bhubaneswar and submit the same with enclosed original money receipt or Tax invoice generated copy of this Office.
 - b) Tenders shall be submitted in person or by Registered post with A.D/Courier service which should be received before the opening of tender as specified in the tender call notice.
 - c) Tenders shall not be submitted by E-mail.
 - d) **Tenders shall be accompanied with the prescribed earnest money (EMD) deposit.**
 - e) Tenders shall be kept valid for a minimum of **120** days from the date of opening of the tender.
 - f) The tender shall not be conditional.
 - g) Violation of terms and conditions set forth and provided in the tender specification.
 - h) Non submission of copies of labour license, EHT License, I.T. Pan Card and valid GST registration certificate.
 - i) The bidder shall submit duly filled up abstract of terms and conditions & bidder's information

SECTION-III
TECHNICAL SPECIFICATION

1. **The Scope of work:-**

- The scope of work covers tower member painting of 132KV Khurda-Mendhasal, 132KV Khurda-Kaipadar line **under EHT (O&M) Division, Khurda & 132KV Chandaka-Mendhasal line under EHT (O&M) Division, Bhubaneswar**. The details of supply and work to be executed are given in the price schedule which is to be executed under the instruction and supervision of the site engineer. The contractor has to supply all the required materials/T&P and labour for the above mentioned work. All the materials to be used for the work are given in this specification.
- To remove all contamination, dirt, dust by scrapping with a multi wash and allow to dry.
- The surface members should be properly cleaned.
- Applying one coat of Zinc phosphate Primer of Asian/Berger make and the one coat of **black** enamel paint of Asian/Berger make over Tower legs up to the height of 1mtr.
- Applying one coat of Zinc phosphate Primer of Asian/Berger make and the Two coat of **aluminium** paint of Asian/Berger make over Tower Members of Mild Steel portions.
- Painting two coats with approved quality synthetic enamel paint (Yellow & Black) over the primer.

2. **Manner of execution:-**

The work is to be executed by the contractors having Labour and EHT License by following safety procedure, as per the instruction of the site engineer and technical specification of this tender.

3. **Tender schedule:-**

Schedule of different items of the works to be executed is given in the price schedule. The bidders are required to quote their unit rates which should be inclusive of supply of all required materials at site including cost of materials, royalty and transportation to site and cost of all labour to execute the work. Taxes if any should be indicated separately.

4. All material, T&P and labour are to be supplied by the contractor. The material to be used for this work shall confirm to the relevant IS and as per the satisfaction of the site in-charge.

SECTION-IV

(Annexure-I)

SCHEDULE OF QUANTITY

A. UNDER EHT (O&M) DIVISION, KHURDA

i). TOTAL AREA OF TOWER MEMBERS TO BE PAINTED IN ALUMINIUM & PRIMER

Sl.No	Name of the E.H.T. Line	Type of Tower	Painting area per tower (in Sq. Mtr)	No of towers	Total area (in Sq. Mtr)
1	132 KV Khurda-Mendhsal Line	A	60.392	45	2717.64
2	DO	B	71.192	3	213.576
3	DO	C	80.84	2	161.68
4	132 KV Khurda-Kaipadar Traction Line	C	80.84	1	80.84
5	Total area of Towers			51	3173.36

ii). TOTAL AREA OF TOWER MEMBERS TO BE PAINTED IN BLACK ENAMEL & PRIMER

Sl.No	Name of the E.H.T. Line	Type of Tower	Painting area per tower (in Sq. Mtr)	No of towers	Total area (in Sq. Mtr)
1	132 KV Khurda-Mendhsal Line	A	1.44	45	64.8
2	DO	B	2.08	3	6.24
3	DO	C	2.4	2	4.8
4	132 KV Khurda-Kaipadar Traction Line	C	2.4	1	2.4
5	Total area of Towers			51	78.24

Total painting Areas : $3173.36 + 78.24 = 3251.6$ sq.m

B. UNDER EHT (O&M) DIVISION, BHUBANESWAR

i). TOTAL AREA OF TOWER MEMBERS TO BE PAINTED IN ALUMINIUM & PRIMER

Sl.No	Name of the E.H.T. Line	Type of Tower	Painting area per tower (in Sq. Mtr)	No of towers	Total area (in Sq. Mtr)
1	132 KV Mendhsal_Chandaka Line	A	60.392	48	2898.816
2	DO	B	71.192	10	711.92
5	Total area of Towers			58	3610.736

ii). TOTAL AREA OF TOWER MEMBERS TO BE PAINTED IN BLACK ENAMEL & PRIMER

Sl.No	Name of the E.H.T. Line	Type of Tower	Painting area per tower (in Sq. Mtr)	No of towers	Total area (in Sq. Mtr)
1	132 KV Chandaka-Mendhasal Line	A	1.44	48	69.12
2	DO	B	2.08	10	20.8
5	Total area of Towers			58	89.92

Total painting Areas : $3610.736 + 89.92 = 3700.65$ sq.m

Gross Total area for painting of Tower members = 3251.6 sq.m + 3700.65 sq.m = $6,952.25$ sqm

Sd/-

**GENERAL MANAGER (ELECT)
EHT (O&M) CIRCLE, BHUBANESWAR**

