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ODISHA POWER TRANSMISSION CORPORATION LTD.

OFFICE OF THE DEPUY GENERAL MANAGER(ELECT.)

EHT (O&M) DIVISION:CHAINPAL

AT/PO: CHAINPAL COLONY, PIN-759104, DIST: ANGUL(ODISHA)

CIN: U40102OR2004SGC007553

Email: ehtm.div.chp@optcl.co.in

TENDER SPECIFICATION

NO.04/2019-20

FOR

PAINTING OF POWER TRANSFORMERS, DIFFERENT ELECTRICAL EQUIPMENTS & SUBSTATION STRUCTURE AT 132/33KV GRID S/S ANGUL AND 132/33KV GRID S/S BOINDA UNDER EHT (O&M) DIVISION CHAINPAL.

SALE OF TENDER SPECIFICATION	:DT. 31-12-2019
LAST DATE SALE OF TENDER SPECIFICATION	:DT. 09-01-2020
LAST DATE OF SUBMISSION OF TENDER	:DT. 10-01-2020 (up to 01:00PM)
DATE OF OPENING OF TENDER	:DT. 10-01-2020 (at 03:00PM)
COST OF TENDER PAPER: RS 2000.00+12% GST (Rs. 2240.00)	

ISSUED TO,

M/S.....

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SECTION-I



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ODISHA POWER TRANSMISSION CORPORATION LTD.

(A Government of ODISHA Under Taking)

Regd. Office: Janpath, Bhubaneswar-751022, Odisha

OFFICE OF THE DEPUTY GENERAL MANAGER (ELECT.)

EHT (O&M) DIVISION, OPTCL, CHAINPAL, AT/PO: CHAINPAL COLONY,

DIST: ANGUL (ODISHA), Pin-759104, Email-ehm.div.chp@optcl.co.in

CIN:U40102OR2004SGC007553

TENDER CALL NOTICE NO. 04/ 2019-20

For and on behalf of ODISHA POWER TRANSMISSION CORPORATION LTD, Dy. General Manager (Elect.), EHT (O&M) Division Chainpal, invites sealed Tenders in duplicate from reputed Bidders for Painting Of Power Transformers, different Electrical Equipment & Sub-Station structure at 132/33KV Grid s/s Angul & 132/33KV Grid s/s Boinda under EHT(O&M) Division, Chainpal.

Sl. No.	Description of Work	Cost Of Tender Paper in Rs.	EMD Amount in Rs.
1	Painting Of Power Transformers, different Electrical Equipment & substation structure at 132/33KV Grid s/s Angul & 132/33KV Grid s/s Boinda under EHT(O&M) Division, Chainpal	Rs. 2000/- + GST 12%	5000.00

The tender specification can be obtained from the office of The DGM(Elect.), EHT (O&M) Division, OPTCL, CHAINPAL on payment of **Rs. 2000/- (Two Thousand only) + GST @ 12% (Non Refundable)** in shape of Cash/ Bank Draft in favor of DGM, EHT (O&M) Division, CHAINPAL payable at "ANDHRA Bank", Chainpal Branch on any working day **from Dt. 31.12.2019 to Dt. 09.01.2020**. In case the D.D made 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 by **01.00 PM of dated 10.01.2020** & **will be opened at 03.00 PM** 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 each Bidder. E.M.D should be deposited in shape of cash/Demand Draft in favour of **E.H.T. (O&M) Division, Chainpal & payable at "ANDHRA Bank", Chainpal Branch.**

The Bidder should super scribe 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. No other mode like downloaded paper from website will be accepted.

Sd/-

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

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 the Tools and Plants , materials etc. required to do the work shall be arranged by you at your own cost. Transportation facilities carriage of men, materials required for the work shall be arranged by you at your own cost. The work is purely on contractual basis. OPTCL will be no way held responsible for payment to labours and their engagement. However, the contractor should comply with all the relevant labour act as applicable ; OPTCL will be no way responsible to this effect.
10. All correspondence relating to the tender shall be made with Dy.General Manager (El.), E.H.T. (O&M) Division, OPTCL, Chainpal.

SECTION-III
GENERAL TERMS & CONDITIONS OF CONTRACT

Sealed tenders are invited in duplicate from intending Bidders having valid HT/MV License with PAN, GST regd. Certificate for Painting Of Power Transformers, different Electrical Equipment & substation structure at 132/33KV Grid s/s Angul & 132/33KV Grid s/s Boinda under EHT(O&M) Division, 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 Call Notice No. & Date of Opening of the tender**". 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 Dy. General Manager (Electrical), E.H.T. (O&M) Division, 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 180 days from the date of opening of tenders. Unless the tender will be rejected.

4. EARNEST MONEY DEPOSIT:- The tender should be accompanied with EMD of Rs. 5000.00 of the total quoted amount towards Earnest Money Deposit (EMD) in shape of **Cash/ Bank Draft** in favour of EHT (O&M) Division, CHAINPAL payable at Andhra Bank, Chainpal otherwise tender will be out rightly rejected. In case the B.D made 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 carry out the work fully/partly carry out the work as per technical specification, 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 with break up prices 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 the paying officer, 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.

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 alongwith 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 and against deposit of 10% security cum performance guarantee, otherwise the same will be deducted from the final bill which will be released after completion of Guarantee period. . 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 12 months from the date of completion of the work and handing over to consignee. The above guarantee certificate shall be furnished in triplicate to the undersigned 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) **Electrical (HT/MV) License**

ii) **GST Registration Certificate**

iii) **Valid PAN**

iv) **Labour License(Prior to starting of the Work they have to produce labour license certificate)**

v)**Experience Certificate (optional-in case of tie)**

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:- i. SDO, 132/33KV Grid s/s Angul for Angul grid work
ii. SDO, 132/33KV Grid s/s Boinda for Boinda grid work

15. PAYING OFFICER:- The DGM, EHT(O&M) Division, Chainpal 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 be 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.

18. EXTENSION OF TIME: If the work is delayed due to reason beyond the control due to any force majeure or other situation, then the executing agency shall give the justification without delay. The purchaser on receipt of such notice may agree to extend the contract execution period if reasonable but without prejudice to other terms and conditions of this contract

SECTION-IV

PART A-TECHNICAL DETAILS

1. Scope of the contract:

The scope of work covers the following activities.

Particulars	Working Procedure	Remarks
Painting of all type of Power Transformer & Station Transformer	<p>a) All the surfaces to be painted shall be free from rust, free from grease, Oil & Other contamination by applying Degreasing solvent</p> <p>b) Removal of rusting & old paints are to be done and surfaces to be cleaned by making full use of mechanical tools along with manual scrubbing and wire brushing.</p> <p>c) Surface to be scrapped, washed thoroughly and then dried properly or cleaned by cotton waste.</p> <p>d) The painting work shall be done carefully in such a way that the paint shall not scale off or crinkle or shall be removed by abrasion due to normal handling and capable to withstand extremely of weather condition.</p> <p>e) one coat bison zinc phosphate primer of ASIAN/BERGER make is to be applied by spray machine and 2nd coat of primer to be applied with high build MIO(sandwich coat) over the primer coat</p> <p>f) Final two (2) coats of painting with BERGER/ASIAN make(high glossy luxor) or equivalent enamel paint of BS Grey over the sand witch coat primer is to be applied by the spray machine.</p> <p>g)The minimum thickness of final painting of all surfaces of transformers shall be 80 micron.</p>	It will be henceforth referred as Annexure-I
Painting of Different Electrical Equipment	<p>a)All the surfaces to be painted shall be free from rust, free from grease, Oil & Other contamination by applying Degreasing solvent</p> <p>b)Removal of rusting & old paints are to be done and surfaces to be cleaned by making full use of mechanical tools along with manual scrubbing and wire brushing.</p> <p>c)Surface to be scrapped, washed thoroughly and then dried properly or cleaned by cotton waste.</p> <p>d)The painting work shall be done carefully in such a way that the paint shall not scale off or crinkle or shall be removed by abrasion due to normal handling and capable to withstand extremely of weather condition.</p> <p>e)one coat bison zinc phosphate primer of ASIAN/BERGER make is to be applied by spray machine</p> <p>f)Final two coats of painting with BERGER/ASIAN make(high glossy lux) or equivalent enamel paint of BS Grey over the Primer is to be applied by the spray machine.</p>	It will be henceforth referred as Annexure-II
Painting of Sub Station Structure	<p>a)All the surfaces to be painted shall be free from rust, free from grease, Oil & Other contamination by applying Degreasing solvent</p> <p>b)Removal of rusting & old paints are to be done and surfaces to be cleaned by making full use of mechanical tools along with manual scrubbing and wire brushing.</p> <p>c)Surface to be scrapped, washed thoroughly and then dried properly or cleaned by cotton waste.</p> <p>d)The painting work shall be done carefully in such a way that the paint shall not scale off or crinkle or shall be removed by abrasion due to normal handling and capable to withstand extremely of weather condition.</p> <p>e) one coat bison zinc phosphate primer of ASIAN/BERGER make is to be applied</p> <p>f) Two coats of Aluminium Paint of BERGER/ASIAN make may be applied over the Primer.</p>	It will be henceforth referred as Annexure-III

Minimum two days gap should be maintained between each consecutive coats.

- a) **All materials required for painting including Berger paints, Asian Paints, thinners etc. tools and plants are to be supplied/ arranged by the contractor.**
- b) **The quality of primer & Paints (Berger/Asian make) to be used for painting works shall be examined for its genuineness by the Divisional Purchase committee with concerned SDO & Maintenance Engineer prior to execution of the works by verifying purchase document made by the Contractor from the manufacturer/authorized dealers.**

The Quantum of Painting Works described as in Table below.

Sl. No.	Name of The Equipment to be Painted	Nos.	Total Area in sq. mtr.		Type of Painting To be Done
(PAINTING OF POWER TRANSFORMER & STATION TRANSFORMER)					
1	132/33KV 40 MVA Areva make Power Transformer and its accessories	1	664	132/33KV Grid s/s Angul	Scrapping , washing and painting by applying one coat bison zinc phosphate primer of ASIAN/BERGER make, 2nd coat of primer to be applied with high build MIO(sandwich 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 with supply of all consumables. The Minimum thickness of painting 80micron.(Annexure-I)
2	132/33KV 40 MVA EMCO make Power Transformer and its accessories	1	550		
3	250KVA, 33/0.4KV Alfa make station Tfr.	1	8.5		
	TOTAL		1222.5		
1	132/33KV 20 MVA EMCO make Power Transformer and its accessories	1	575	132/33KV Grid s/s Boinda	
2	132/33KV 12.5 MVA NGEF make Power Transformer and its accessories	1	302		
3	132/33KV 12.5 MVA EMCO make Power Transformer and its accessories	1	278		
4	Painting of 33/0.4KV 250KVA OPTL make Station Transformer	1	4.78		
	TOTAL		1159.78		
(PAINTING OF DIFFERENT Electrical EQUIPMENT)					
1	ACDB	6	29.61	132/33KV Grid s/s Angul	Scrapping , washing and painting by applying one coat bison zinc phosphate primer of ASIAN/BERGER make and final two coats of painting with BERGER/ASIAN make(high glossy lux) or equivalent enamel paint of BS Grey over the Primer with supply of all consumables (Annexure-II)
2	DCDB	2	6.6		
3	33KV Side Breaker Mechanism Box with Limb Support box	3	58.41		
4	Isolator Mechanism box	61	47.092		
5	CT & PT Console Box	21	19.362		
	TOTAL		161.074		
1	132KV CB Kiosk	5	31	132/33KV Grid s/s Boinda	
2	ACDB	3	13.63		
3	DCDB	1	1.95		
4	132KV CT& PT Console Box	12	10.39		
5	Switchyard Lighting Board	5	3.87		
6	33KV DCDB	8	15.67		
	TOTAL		76.51		
(PAINTING OF SUBSTATION STRUCTURE)					
1	Safety Zone Fencing(both 132KV & 33KV Fencing)	2	71.76		Scrapping , washing and painting by applying one coat bison zinc phosphate primer of ASIAN/BERGER make and two coats of Aluminium Paint of BERGER/ASIAN make with supply of all consumables (Annexure-III)
2	Switch Yard Gate	3	60.00		
3	AB switch structure	2	50.00		
	TOTAL		181.76		
1	Safety Zone Fencing	1	312.19	132/33KV Grid s/s Boinda	
2	Switch Yard Entrance Gate	1	22.5		
	TOTAL		334.69		

[SECTION-IV]

PART-B- PRICE SCHEDULE

TYPE-1 (Painting work to be carried out at 132/33KV Grid s/s Angul)

Sl. No	Description	Total Area in Sq. mtr.	Unit Rate per Sq. mtr.	Amount
1	Painting of Power Transformers & Station Transformer- (As specified in Annexure-I)	1222.5		
2	Painting of Different Electrical Equipment (As specified in Annexure-II)	161.074		
3	Painting of Sub Station Structure:- (As specified in Annexure-III)	181.76		
4	Sub Total			
5	GST @ _____ % on sl. No. 4			
6	Total (Sl. No. 4 + sl. No. 5)			

TYPE-2 (Painting work to be carried out at 132/33KV Grid s/s Boinda)

Sl. No	Description	Total Area in Sq. mtr.	Unit Rate per Sq. mtr.	Amount
1	Painting of Power Transformers & Station Transformer- (As specified in Annexure-I)	1159.78		
2	Painting of Different Electrical Equipment (As specified in Annexure-II)	76.51		
3	Painting of Sub Station Structure:- (As specified in Annexure-III)	334.69		
4	Sub Total			
5	GST @ _____ % on sl. No. 4			
6	Total (Sl. No. 4 + sl. No. 5)			

ABSTRACT

Sl. No.	Description	Total Amount in Rs.
1	TYPE-1 (Painting work at 132/33KV Grid s/s Angul	
2	TYPE-2 (Painting work at 132/33KV Grid s/s Boinda)	
3	GRAND TOTAL in Rs.	

In words: (.....)

.....) Only

N.B:-

1. Price must be filled with this document; no separate attached document will be accepted.
2. If Grand Total arises in Paisa; it may be rounded off to next higher denomination.

SECTION-V

DECLARATION FORM
(TO BE SUBMITTED WITH THE TENDER PAPER)

To

**The Dy. General Manager (EI),
E.H.T. (O&M) Division
OPTCL, Chainpal**

Sub: Tender Notice No.

Sir,

Having examined the above tender paper we hereby offer for Painting Of Power Transformers, different Electrical Equipment & Sub-Station structure at 132/33KV Grid s/s Angul & 132/33KV Grid s/s Boinda under EHT(O&M) Division, Chainpal complete in all aspects to the rates entered as mentioned in our tender enclosed herewith.

1. We certify to have purchased a copy of tender paper remitting Rs.....by Cash/ Bank Draft and this has been acknowledged by you in your receipt No..... Dated..... .

2. We enclosed herewith EMD in shape of Bank Draft in favour of E.H.T. (O&M) Division, OPTCL, Chainpal payable at Andhra Bank, Chainpal.

Bank Draft No. Dt. .

Yours faithfully,

Encl: Tender in duplicate.

Signature of Bidder
(with Seal)

THE BIDDERS ARE REQUIRED TO FURNISH THE FOLLOWING DETAILS AS PER THE FORMAT GIVEN BELOW WHICH IS A MANDATORY REQUIREMENT FOR EVALUATION OF BIDS

<i>SL NO</i>	<i>DETAILS</i>	<i>TO BE FILLED BY THE BIDDER</i>
<i>1</i>	<i>BIDDER'S NAME</i>	
<i>2</i>	<i>BIDDER'S SITE NAME (NAME OF THE PLACE)</i>	
<i>3</i>	<i>ADDRESS</i>	
<i>4</i>	<i>CITY</i>	
<i>5</i>	<i>STATE</i>	
<i>6</i>	<i>COUNTRY</i>	
<i>7</i>	<i>PIN CODE</i>	
<i>8</i>	<i>PHONE NUMBER</i>	
<i>9</i>	<i>FAX NUMBER</i>	
<i>10</i>	<i>GST REGISTRATION NUMBER</i>	
<i>11</i>	<i>PAN NUMBER</i>	
<i>12</i>	<i>TAN NUMBER</i>	
<i>13</i>	<i>CONTACT PERSON'S NAME</i>	
<i>14</i>	<i>POSITION/DEPARTMENT OF CONTACT PERSON</i>	
<i>15</i>	<i>CONTACT PERSON'S E-MAIL ID</i>	
<i>16</i>	<i>CONTACT PERSON'S PHONE NO.AND MOBILE NO.</i>	
<i>17</i>	<i>CONTACT PERSON'S FAX NUMBER</i>	