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ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A GOVERNMENT OF ODISHA UNDERTAKING)

OFFICE OF THE DEPUTY GENERAL MANAGER (ELECT.)

E.H.T (O&M) DIVISION, MALKANGIRI

VIL.DANIGUDA, PO-PANCHABATI

DIST- MALKANGIRI (Odisha) PIN-764045

E-Mail -ID-ehm.div.mlkiri@optcl.co.in

TENDER SPECIFICATION NO.04/2020-2021 FOR

Reconstruction of earhpits with Bentonite powder earthing at 220/33 kV Grid S/S, Malkangiri

SALE OF TENDER SPECIFICATION:	DT. 09-12-2020.
LAST DATE SALE OF TENDER SPECIFICATION:	DT. 21-12-2020 UPTO 01.30P.M
LAST DATE OF SUBMISSION OF TENDER:	DT. 21-12-2020 (05:30PM)
DATE OF OPENING OF TENDER:	DT. 22-12-2020 (03:00PM)

ISSUED TO,

M/s.....

.....

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Cost of Tender Paper: 2000+ 12 % GST

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SECTION-1

OPEN TENDER CALL NOTICE NO. 04/ 2020-21

The Deputy General Manager (Elect.), E.H.T. (O&M) Division, Malkangiri invites sealed Tenders from Reputed Electrical Contractors having valid HT license ,PAN & GST Registration Certificate for The following work:

SL No	DESCRIPTION	COST OF TENDER PAPER	Work Execution PERIOD
01	Reconstruction of earthpits with bentonite powder earthing at 220/33 kV Grid S/S, Malkangiri	Rs 2000/- Plus 12% GST Total of Rs 2240/-	Forty Five days from the date of issue of Work order

The tender specification can be obtained from the office of The DGM EHT (O&M) Division, MALKANGIRI on Payment of **Rs. 2000/- (Two Thousand only) + GST @ 12 %** (Non Refundable) in shape of Bank Draft/cash in favour Of Deputy General Manager, EHT (O&M) Division, MALKANGIRI payable at "State Bank of India", Malkangiri Branch On any working day from **Dt.09.12.2020 to Dt. 21.12.2020**. In case the Bank Draft made at any other nationalized Bank payable at any clearing branch at Malkangiri 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 Non-refundable. 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 05.30 PM of dated 21.12.2020 & will be opened at 03.00 PM on the Dt. 22.12.2020** 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. The price bid must be accompanied with 1% of quoted value as EMD in shape of DD drawn in favour of Deputy General Manager, EHT (O&M) Division, Malkangiri payable at Malkangiri, Odisha along with Self Attested Copy of PAN and GST Registration Certificate failing which the tender will be liable for rejection. The tender documents will be opened in the office of the undersigned in the presence of the Bidders (or) their Authorized Representatives present if anyone. If the last date of receipt or the date of opening of Tender falls in holiday, then the Tender paper will be Received /opened in the next working days.

- Date of Sale of Tender Paper: Dt. 09.12.2020 to Dt. 21.12.2020 (Up to 01.30 P.M.)
- Last Date of Receipt of Tender Paper: Dt. 21.12.2020 up to 5.30 PM
- Date of Opening of Price Bid of Tender Paper: Dt. 22.12.2020 at 03.00 P.M.

The undersigned reserves the right to accept or reject all tenders without assigning any reason thereof. For Details please visit our web site: www.optcl.co.in. Corrigendum if any will be published in the web site only.

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 be valid on the date of opening of tender and should be submitted along with tenders, Failing which the tender will be rejected. The bidder or their authorized representatives should produce the original document 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 execution of work or any clause of agreement/supply 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 striking out wrong entries. 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 Dy. General Manager (EI), E.H.T. (O&M) Division, OPTCL, Malkangiri.**

SECTION-III

GENERAL TERMS & CONDITIONS OF CONTRACT

Sealed tenders are invited in duplicate from Reputed contractors having valid having valid PAN & GST Registration Certificate for “**Reonstrcuction of earthpits with bentonite powder earthing at 220/33 kV Grid S/S, Malkangiri .**”

- 1. SUBMISSION & OPENING OF TENDER:** - Tender shall be submitted with other documents in duly sealed envelope super scribed on the body of Envelope “**Reonstrcuction of earthpits with bentonite powder earthing at 220/33 kV Grid S/S, Malkangiri.**” 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 Dy.General Manager (Electrical), E.H.T. (O&M) Division, Malkangiri 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 1% of Quoted amount/-** in shape of **Bank Draft** in favour of EHT (O&M) Division, MALKANGIRI payable at State Bank of India, Malkangiri otherwise tender will be out rightly rejected. In case the B.D is made of any other nationalized bank payable at any clearing branch at Malkangiri, the EMD shall be allowed. But the bidders have to deposit the collection fee (Bank transaction fee) along with the EMD. The collection fee is Non-refundable & 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 with break up prices and Shall remain up to 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 BG/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

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MALKANGIRI

fulfillment of contractual obligation by the Supplier, the same so deposited shall be forfeited.

7. **DELIVERY:** - The work shall be executed within 45 days from the date of issue of Work order. The undersigned however reserves the right to reschedule the execution of work and change of destination. If **the work is not executed within the stipulated period, then the penalty should be imposed as per clause No.8 of SECTION-III**

8. **PENALTY:-** Penalty @ $\frac{1}{2}$ % (half percent) 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 if the work will not be completed within the specified date in clause No.7 of SECTION-III . However imposition of penalty clause is subjected to force majeure condition.

9. **TERMS OF PAYMENT:** - 100% payment along with full taxes and duties 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 executed by the contractor as per contract specification should be guaranteed for trouble free & satisfactory operation and free from any defects for a period of 12 months from the date of handing over to the consignee. The 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 provided such defects are due to faulty design, Bad workmanship or bad materials used, within one month upon written notice from the purchaser.

11. **DOCUMENTS:-** Attested legible Xerox copies of **IT PAN card, GST Registration, Electrical Contractor having HT License** valid on the date of opening of the tender should be submitted along with tenders without which tender will be rejected at the time of opening.. If required, the tenders shall have to produce original documents for verification any time after the opening of tender. Those who fail to produce the same and found not to be valid on the date of opening of the tender, their tenders will be rejected.

14. **CONIGNEE:** - SDO (EI), 220/33 kV Grid S/S, Malkangiri.

15. **PAYING OFFICER:** - The DGM (EI), EHT (O&M) Division, Malkangiri is the Paying officer for contract.

18. EXTENTION OF TIME: - If the execution of work is delayed due to reason beyond control of contractor, the contractor shall without delay give justification. The Ordering Authority on receipt of such notice may agree to extend the contract delivery date if reasonable but without prejudice to other terms and conditions of this contract.

19. LANGUAGE & MEASURES: - All documents pertaining to the contract including specifications, schedule, notices, correspondence, or any other writing shall be written in English language. The metric system of measurement shall be used exclusively in this contract unless otherwise any measuring system is mentioned.

20. PAYMENT DUE FROM THE CONTRACTOR: - All costs & damages, for which the supplier is liable to the purchaser, will be deducted by the purchaser from any money, due to the supplier, under any of the contracts, executed with OPTCL.

21. SUPPLIER'S RESPONSIBILITY: - Not withstanding anything mentioned in the specification or subsequent approval or acceptance by the purchaser, the ultimate responsibility for design, manufacturer, and materials used and satisfactory performance shall rest with the Tenderers. The supplier shall be responsible for any discrepancy noticed in the documents, submitted along with bids.

22. FORFITURE OF EMD: - The EMD not claimed for refund within a period of one year from the date of issue of Purchase order will be forfeited.

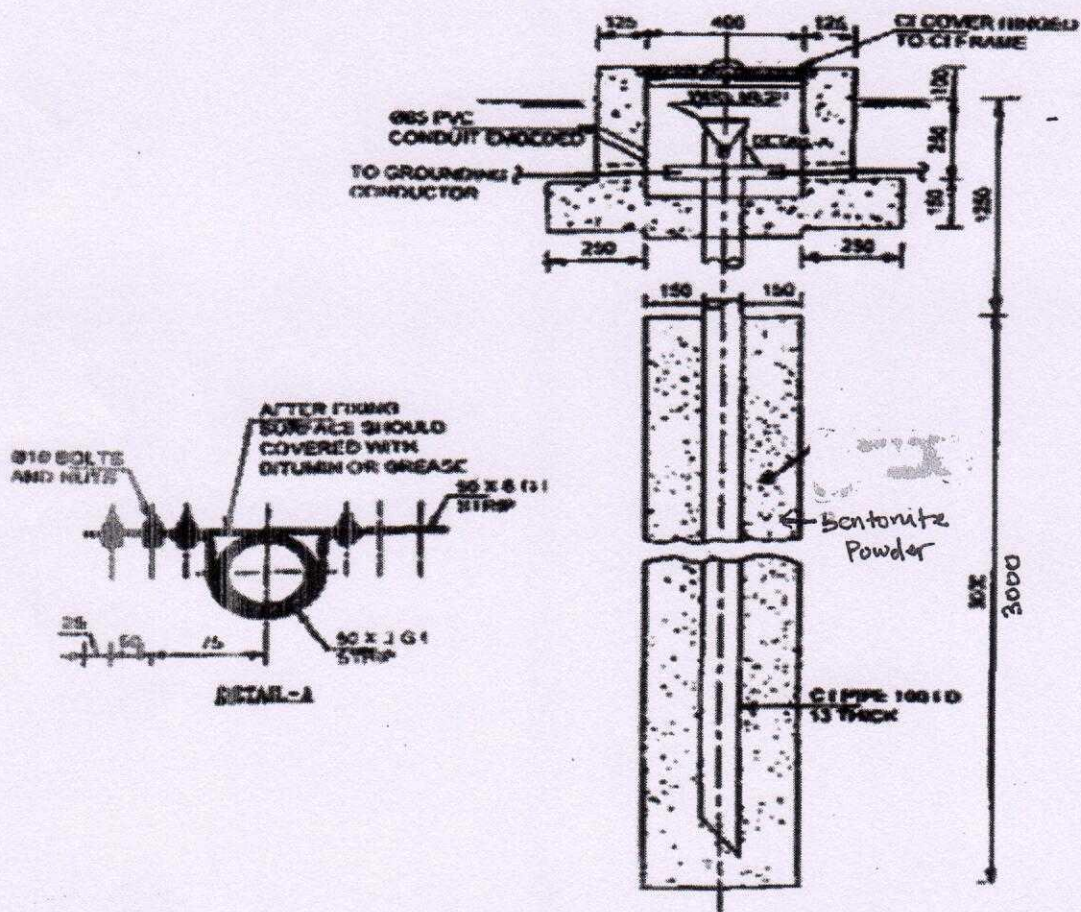
23. OUTRIGHT REJECTION OF TENDERS: - The tenders shall be liable for outright rejection if following have not been complied.

- a) Tenderers should have purchased the tender specification from the office of the DGM (EI) EHT (O&M) Division, Malkangiri in his own or Firm's name.
- b) Tenders shall be submitted in person or by registration post A.D. and received before the time fixed for receipt of tender.
- c) Tenders shall not be submitted telegraphically or by FAX.
- d) Tenders shall be accompanied with the prescribed EMD.
- e) Tenders shall be kept valid for a minimum of 120 days from the date of opening of the tender.
- f) Tenders shall be accompanied with clear valid attested photocopies of PAN card, GST Registration certificate, which must be valid on the date of opening of the tender. All copies of documents and each page of the tender must be signed by the authorised representative of the bidders.
- g) Tenderers shall agree to all other terms & conditions of the tender specification.

24. JURISDICTION OF COURT: - Dispute if any, arising against the supply order issued to the supplier shall be filed by either party in any court of law to which the jurisdiction of Odisha High Court extends. The Authority reserves the right to reject the notice/ award the contract among any responsive bidders against this tender or without assigning any reason thereof. All other terms and conditions will be governed by OPTCL as per Rules.

SECTION -IV

TECHNICAL SPECIFICATION



NOTE — After laying the earth from the earth bus to the electrode through the PVC conduits at the pit entry conduits should be sealed with bitumen compound.

All dimensions in millimetres.

SECTION V

Price Bid

Name of the work - Reconstruction of earthen pits with bentonite powder earthing at 220/33 kv Grid S/S, Malkangiri

	Description	Quantity	Unit	Rate	Amount
1)	Excavation and back filling for foundation of equipment & column including supply of all materials, labour, T&P as per the instruction of Engineer-in-charge for earth pit & earthen chamber [(1 x 1 x 3) - (0.225 x 0.7 x 0.7)] X 70	202.28	CUM		
2)	Supply of Bentonite Powder 200 KG per earthen pit. Hence 200 X 70 = 14000 KG	14000	Kg		
3)	Supply of 50 mm dia 3 mm thick 3050 mm length medium gauge GI earthing pipe	70	SET		
4)	Filling of Excavated Area for earthen pit with borrowed earth with supply of all labour, T&P (Slurry of bentonite powder & borrowed earth) [(1 x 1 x 3) - (0.225 x 0.7 x 0.7)] X 70 = 202.28 Cum(Schedule rate filling of excavated area is 2/3rd of excavation price)	202.28	CUM		
6)	Spreading of 20 mm hard granite metals in switchyard as per the instruction of Engineer in charge with supply of all labour & T&P (without supply of metal) [(2 x 2) - (0.7 x 0.7)] X 70] X 0.1 = 28.08 sqm. Taking account 30 % loss. 24.57 - 7.37 = 17.2	17.2	sq mtr.		
7)	PCC (1:3:6) for earth pit chamber with cost of cement = [(0.8 X 0.8 X 0.075) - (0.45 X 0.45 X 0.075)] X 70 RCC with ratio of concrete (1:1.5:3) with cost & cement & without steel and supply of all labour & T&P a) For earthen wall = [(0.7 X 0.45 X 0.075) X 2] + (0.55 X 0.45 X 0.075)] X 2] X 70	2.29	CUM		
	Requirement of rod with cutting, bending, binding, placing in position of steel rods for foundation concreting including cost of binding wire with supply of all size rods a) For earthen walls Vertical 10 mm dia rod spacing = 150 mm & each length 0.45 m No of pieces = (2500/150)+1 = 17 Nos, 17 x 0.45m = 7.65 m. Hence, 7.65m X (0.617 kg/m)= 4.72 KG (As 10 mm rod, 1m = 0.617 kg). Ring 8 mm dia rod with spacing= 200 mm & each of length 2.5 m No of pieces = (450/200)+1 = 3 Nos So, 3 X 2.5 m = 7.5 m. Hence, 7.5m X (0.395 kg/ 1m)= 2.96 kg(As 8 mm rod, 1m= 0.22 kg). Total weight= 4.72 + 2.96 = 7.68 KG Add 10 5 extra for wastages= 7.68 + 0.768= 8.448 kg. For 70 pits = 70 X 8.448=591.36 Kg	0.59136	MT		
9)	Cutting and welding & supply of 50 mm earthen pits for connection with earthen mat of 70 nos. of earthen pits with T&P	70	No		
Total					
					CGST@9%
					SGST@9%
Grand Total					

SECTION -VI

DECLARATION BY THE BIDDER

ANNEXURE - I

1. Name of the bidder
with detailed postal
address & Contact
Number.

2. Earnest money deposited vide Cash receipt/ Bank Draft No
Dated.....Amount in Rs
(Rupees.....) only

3. Xerox copy of PAN No: Furnished/ not furnished

4. Xerox copy of GST Registration No. Furnished/ not furnished

5. Agreed to furnish & accept Contract Security deposit clause: Yes/ No.

6. Agreed to accept payment terms as per Tender Specification. Yes/ No.

7. Agreed to adhere Delivery period as per the contract: Yes/ No.

8. Agreed to accept penalty clause as per the tender: Yes/ No.

09. Attach past experience certificate for the similar jobs
in OSEB/ GRIDCO/OPTCL or any other agencies: Yes/ No.

10. Agreed to keep validity of the offer for one year from the
Date of tender opening without any variations in tender clause: Yes/ No.

Date:

Signature of the Bidder

With seal

ANNEXURE – II

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

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