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ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Government of Odisha Undertaking)

EHT (O&M) DIVISION, BERHAMPUR

DUDUMA COLONY, DIGAPAHANDI ROAD, BERHAMPUR-760006

Tel No.: 0680-2271587/ 9438907853

Mail Id: ehm.div.bam@optcl.co.in

TENDER SPECIFICATION

ON

N.I.T No : 05/2019-20

For

Construction of Fencing with wire net mesh for 132KV & 33KV switchyard

of Grid S/s Berhampur

Cost of tender paper Rs. 2000/- + GST@12 % =Rs.2240/-

(Rupees Two thousand Two hundred & Forty only)

ISSUED TO:-

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Estimated Cost: Rs 4,98,559/-



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ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Government of Odisha Undertaking)

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

AT- Duduma Colony, Digapahandi Road, Berhampur- 760 006

Telephone: (0680)2271587 / Ph.: 9438907853, E-mail:ehm.div.bam@optcl.co.in

N.I.T No : 05/2019-20

For and on behalf of OPTCL sealed tenders invited by the undersigned from interested bidders having both valid H.T Contract License and Civil Contract License along with PAN, GST certificate for **“Construction of Fencing with wire net mesh for 132KV & 33KV switchyard of Grid S/s Berhampur”**.

The tender document can be made available in the office of the undersigned on written request and payment of requisite amount towards cost of tender document by cash/Bank draft. Those who wants to receive tender paper over post are required to deposit additional amount of Rs 100/- (Rupees one hundred). The undersigned will not be held responsible for any postal delay.

The bid must be accompanied with an amount Rs **4,985/-** as EMD in shape of DD/Cash drawn in favour of Dy. General Manager, EHT(O & M) Division, OPTCL Berhampur payable at Berhampur, Odisha. The tender documents will be opened in the office of the undersigned in the presence of the Bidders (or) their Authorized Representatives, present if any at the time of opening. If the last date of receipt 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: From 30.12.2019 to 14.01.2020 (Office Hours)

Last Date of receipt of Tender Paper: 15.01.2020 up to 01.00 PM.

Date of Opening of Tender Paper: 15.01.2020 at 03.00 PM.

Tender should be dropped in **Tender BOX-1**.

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. For details please visit our web site: www.optcl.co.in. Corrigendum if any will be published in the web site only.

**Dy. General Manager
EHT (O & M) Division
Berhampur**

TENDER SPECIFICATION FOR N.I.T No: 05/2019-20

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7.	COST OF TENDER PAPER (Non-refundable)	Rs. 2000/- + GST @12% = Rs.2240/- (Rupees Two thousand two hundred forty only) by Cash/ Bank Draft drawn in favour of Dy. General Manager, EHT(O & M) Division, OPTCL Berhampur payable at Berhampur, Odisha.
8.	E.M.D	Rs. 4,985/- only by cash / bank draft drawn in favour of Dy. General Manager, EHT(O & M) Division, OPTCL Berhampur payable at Berhampur, Odisha.
9.	SALE OF TENDER PAPER	From 30.12.2019 to 14.01.2020 (During office hours) available in the office of the Dy. General Manager (Ele.), EHT(O&M) Division, OPTCL, Berhampur.
10.	LAST DATE OF RECEIPT OF TENDER PAPER	Dt. 15.01.2020 up to 1.00 PM.
11.	DATE & TIME OF OPENING OF TENDER	Dt. 15.01.2020 at 3.00 P.M & & should be dropped in Tender Box –1.
12.	Tender posted by the registered post to should be reached at:	Odisha Power Transmission Corporation Ltd., Office of the Dy. General Manager, EHT (O & M) Division, Duduma Colony, Digaphandi Road, Berhampur-700 006, Odisha.

The Bidders must read in detail the “Instruction to Bidders” and “General terms and conditions” before filling the tender documents.

1. TENDERS:

- A) Only those who have purchased the Tender specification from this office can submit their Tender. Bidders must submit their bids with original signature.
- B) Tender must be submitted in sealed cover subscribed as **“N.I.T. 05/2019-20: Construction of Fencing with wire net mesh for 132KV & 33KV switchyard of Grid S/s Berhampur** and addressed to the Dy. General Manager, EHT (O & M) Division, Berhampur.
- C) Tender shall be submitted either in person or 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, Berhampur, Duduma colony, Digaphandi Road, Berhampur-700 006, Odisha.** 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 @ **Rs 4,985/-** in shape of cash / bank draft drawn in favour of Dy. General Manager, EHT(O & M) Division, OPTCL Berhampur. The tender without EMD will be liable for rejection. 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, remain with the OPTCL.

2. EXPERIENCE:

The bidders are required to submit the list of his past experience if any regarding similar work done along with the supporting documents. Preference will be given to experience bidder.

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.

- C) The EMD not claimed within a period of **one year** from the date of issue of order & the Security deposit not claimed for refund within **three years** after completion of contract, will be forfeited. Hence you are requested to claim the EMD & the Security deposit within the scheduled period.

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 Electrical H.T Contract license/ Civil License (D or C)/ GST Registration Certificate/ Experience must be enclosed along with tenders, failing which the tender will be rejected. The contractor should produce the original documents for verification within 07 days from the date of opening of tender.
- 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.
6. The Authority reserves the right to award the contract among any responsive bidders against this tender. Orders may also be split up among more than one tenderer, if necessary. The authority reserves the right to reject any or all the tenders and alter the quantum of works without assigning any reason thereof.
7. The bidders are advised to inspect the site before assessing their rates to be quoted in the tender. The evaluation will be made as per statutory applicable taxes, if not specified by the bidders. Tender should be prepared clearly and without any overwriting and corrections. Erasures and other changes shall bear the dated initial of the person signing the Tender
8. 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. For evaluation, the price mentioned in words shall be taken if there is any difference in figure and word in the price bid.

Dy. General Manager

GENERAL TERMS AND CONDITIONS

1. **a. Scope of Work:** Detailed scope of work is appended at Section-III. The work is to be taken up as per guideline of OPTCL & codal provision of PWD, Odisha.
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 on the price schedule mentioned in Annexure – I in both figures and words.
3. **Completion of Work:** The work should be completed in full shape within 60 days from the date of agreement. The Joint Measurement Certificate (JMC) should be made after completion of work & submit to undersigned for approval.
4. **Penalty:** Penalty @ ½ % (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 is not completed within the scheduled period.
5. **Security-cum-Performance Deposit:** The tenderers whose offer qualifies for acceptance will be awarded Work Order, have to deposit Security cum performance guarantee deposit equal to 05% (Five percent) of contract value in shape of Cash receipt / Bank Draft /N.S.C. / K.V.P / Post Office Savings Bank Account pledged in favour of **Dy. General Manager, EHT(O&M) Division, OPTCL Berhampur**. 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 agency towards the security deposit so deposited by the contractor.
6. **Additional Performance Security (APS):** Additional performance security shall be obtained from the bidder when the bid amount is less than the estimate cost put to tender. In such event the only the successful bidder who has quoted less bid price/rates than the estimate cost put to tender shall have to furnish the exact amount of differential cost i.e. estimate cost put to tender minus the quoted amount as Additional Performance Security in Shape of Cash/Demand Draft/Term Deposit Receipt pledge in favour of **Dy. General Manager, EHT(O&M) Division, OPTCL Berhampur within seven days**, otherwise the bid will be cancelled & security deposit shall be forfeited. The APS will be released only after certified by **Verifying officer** regarding completion of work. No interest shall be paid to the agency towards the APS so deposited by the contractor.
7. **Terms of Payment:** 100% payment will be paid by the paying officer after completion of work and due verification thereof by the Verifying officer and approval of Guarantee Certificate & JMC from the competent authority. The bills in triplicate should be submitted to the paying officer along with completion report duly verified by the concerned Verifying Officer.

8. **Guarantee:** The work covered under this contract should be guaranteed for satisfactory operation against defects a period of 12 months from the date of completion of work. 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 engineer-in-charge. The replaced /rectified work 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 on default in all or any condition of work order, Security Deposit will be forfeited.
9. **Verifying Officer:** - The **S.D.O, TL Sub-Division, Berhampur** is the verifying officer for this contract.
10. **Paying Officer:** The **DGM, EHT (O&M) Division, Berhampur** is the paying officer for this contract.
11. **Agreement:** The successful contractor shall have to enter into an agreement (P-1) with the concerned Engineer-in-charge in the approved contract agreement form within 10 days of receipt of work order.
12. **Force Majure:** The Contractor shall not be liable for any penalty for delay or for failure to perform the Contract for reasons of FORCE MAJURE, such as acts of God; acts of public enemy, acts of Govt, fires, floods, epidemics, quarantine restrictions, strike, freight, embargoes provided that the contractor shall within 10 days from the beginning of such delay notify to OPTCL in writing of the cause of delay. The OPTCL shall verify the facts and grant such extensions if facts justified.
13. **Experience:** The bidders are required to submit the list of his past experience on similar work done at OSEB, OPTCL, State govt department or equivalent along with the supporting documents. Contractor having experience similar nature of job will be given preference to others.
14. **Safety Measures:** Only trained & experienced person should engage to carry out the work under direct supervision of engineer-in-charge, OPTCL & firm's supervisor.
 - As the work will be carried out in 132KV & 33KV live switchyard, utmost care towards safety rule & regulation must be taken up to avoid accident. The contractor shall fully responsible for observing safty rules & regulation.
 - The work should be carried out on full risk & cost of contactor & OPTCL will not be responsible for any kind of risk coverage arising during execution of work.
15. **Insurance:** Insurance if any will be arranged by contractor at his own cost for safety of workmen & equipment.

16. **Workmen's Compensation:** The contractor shall be fully responsible for paying compensation if any, under the Workmen Compensation Act on account of workmen deployed by him.
17. **Rejection of works:** In the event of any of the materials supplied / work done by the contractor is found defective in materials or workmanship or otherwise not in conformity with the requirement of this contract, specifications, the OPTCL shall either reject the materials or work and request the Contractor to rectify the same. The Contractor on receipt of such notice, rectify or replace the defective materials and rectify the work free of cost. If the Contractor fails to do so the OPTCL may -
- At its option replace or rectify such defective materials and / or work and recover the extra cost so involve from the Contractor.
 - Terminate the contract for balance work / supplies with enforcement of penalty as per contract.
18. **Payment Due from the Contract:** All costs and damages for which the Contractor is liable to the authority will be deducted from Contractor under the contract.
19. **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 Court of Berhampur extends.

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 as per Rules OPTCL & Codal provision of O.P.W.D.

Dy. General Manager

Scope of Work: Construction of Fencing with wire net mesh for 132KV & 33KV switchyard of Grid S/s Berhampur.

SI No.	Description of work	Unit	Quantity
1	Dismantling brick or stone masonry in cement mortal including T&P, stacking the useful materials for reuse and disposal of unserviceable materials the debris within 50 m. lead & 1.5mtr lift as per the direction of Engineer-in-charge	Cum	13.22
2	Earth work in excavation in foundation in hard soil or gravelly soil within 50m. Initial lead and 1.5m. Initial lift including rough dressing and breaking clods to maximum 5cm.to 7cm. and laying in layers not exceeding 0.3 m. in depth as per direction of the Engineer-in-charge.	Cum	17.78
3	Filling foundation and plinth with sand and watered &rammed etc . Complete including cost of sand .	Cum	3.06
4	Cement Concrete (1:3:6) by using 4cm. Size B.H.G. metal including cost, conveyance etc. complete.	Cum	4.71
5	RCC work (1:1 1/2 :3) with 12mm size grade black hard broken hard granite chips for R.C.C. works (Crusher broken) stone chips including hoisting and laying.	Cum	13.26
6	Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling then after casting including cost of materials complete.		
a	Mass Concrete	Sqm	85.80
b	Gate Column	Sqm	22.92
7	Brick masonry in cement mortar (1:6) by using 9" size flyash Bricks including all cost, conveyance etc. complete.	Cum	14.86
8	Supplying, fitting and placing TMT bar reinforcement complete as per drawing and technical specification.	Qntl	4.34
9	16mm thick cement plaster (1:6) for brick or stone masonry.	Sqm	110.38
10	Supplying, fitting & fixing of MS Grills and angler Channel as per design and as directed by the Engineer - in - charge.	Qntl	20.55
11	Supplying, fitting & fixing of Wire mesh net as per design and as directed by the Engineer - in - charge.	kg	168
12	Closed deep chipping and cleaning to R.C.C. surface for receiving cement plaster	Sqm	12.49
13	Scraping old paint with scrapers and Surface Painting with 01coat priming & 02coat enamel Al. painting	Sqm	115.38
14	Finishing walls with 02 coat water proofing cement paint of approved shade & 02coat distemper on new work to give an even shade	Sqm	110.38
15	Cutting of old MS channel, Fabrication & welding work including cost of Consumable, Labour, T&P and other ancillary item as directed by Engineer in-charge	Lum sum	01

Dy. General Manager

Bill of Quantity						
Name of Work: Construction of Fencing with wire net mesh for 132KV & 33KV switchyard of Grid S/s Berhampur						
To be Filled by Bidder						
Name & Address of Bidder:						
A	Quoted percentage In Figures			-		% Less than Unit Estimated Rate
	Quoted percentage In Words					
B	Quoted percentage In Figures			-		% Excess over Unit estimated cost
	Quoted percentage In Words					
N.B.- The quoted percentage up to 2 digits of decimal figures will be considered						
DATE						
SIGNATURE OF THE BIDDER						
FOR OFFICE USE ONLY						
1	No of correction :-					
2	No of overwrite :-					
3	No of inter pollution:					
4	Valid license/ GST Registration					
5	EMD / APSD :-					
Sold Vide M/R no						
Dated						
Dy. General Manager						

BOQ

Sl No.	Description of work	Unit	Quantity	Unit Rate	Amount
1	Dismantling brick or stone masonry in cement mortal including T&P, stacking the useful materials for reuse and disposal of unserviceable materials the debris within 50 m. lead & 1.5mtr lift as per the direction of Engineer-in-charge	Cum	13.22	280.15	3703.52
2	Earth work in excavation in foundation in hard soil or gravelly soil within 50m. Initial lead and 1.5m. Initial lift including rough dressing and breaking clods to maximum 5cm.to 7cm. and laying in layers not exceeding 0.3 m. in depth as per direction of the Engineer-in-charge.	Cum	17.78	178.60	3175.51
3	Filling foundation and plinth with sand and watered &rammed etc . Complete including cost of sand .	Cum	3.06	534.54	1635.69
4	Cement Concrete (1:3:6) by using 4cm. Size B.H.G. metal including cost, conveyance etc. complete.	Cum	4.71	4247.06	20003.67
5	RCC work (1:1 1/2 :3) with 12mm size grade black hard broken hard granite chips for R.C.C. works (Crusher broken) stone chips including hoisting and laying.	Cum	13.26	6219.72	82473.49
6	Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling then after casting including cost of materials complete.				
a	Mass Concrete	Sqm	85.80	102.50	8794.68
b	Gate Column	Sqm	22.92	715.33	16395.34
7	Brick masonry in cement mortar (1:6) by using 9" size flyash Bricks including all cost, conveyance etc. complete.	Cum	14.86	4056.63	60281.56
8	Supplying, fitting and placing TMT bar reinforcement complete as per drawing and technical specification.	Qntl	4.34	5940.55	25781.97
9	16mm thick cement plaster (1:6) for brick or stone masonry.	Sqm	110.38	189.87	20957.46
10	Supplying, fitting & fixing of MS Grills and angler Channel as per design and as directed by the Engineer - in - charge.	Qntl	20.55	6350.00	130492.50
11	Supplying, fitting & fixing of Wire mesh net as per design and as directed by the Engineer - in - charge.	kg	168	65.00	10920.00
12	Closed deep chipping and cleaning to R.C.C. surface for receiving cement plaster	Sqm	12.49	17.31	216.16
13	Scraping old paint with scrapers and Surface Painting with 01coat priming & 02coat enamel Al. painting	Sqm	115.38	189.30	21841.76
14	Finishing walls with 02 coat water proofing cement paint of approved shade & 02coat distemper on new work to give an even shade	Sqm	110.38	98.15	10834.21

15	Cutting of old MS channel, Fabrication & welding work including cost of Consumable, Labour, T&P and other ancillary item as directed by Engineer in-charge	Lum sum	1	5000.00	5000.00
	Total (15) items only	Grand Total			422507.52
		GST @ 18%			76051.35
		Total amount including GST			498558.87
		Total Estimated cost Amount remitted to			498559.00

Approved for total (15) items only.

Dy. General Manager

DETAILED DATA SHEET TO BE FURNISHED BY THE TENDERERS

1	Name of the Agency/Contractor with detailed postal address.	
2	Earnest money deposited vide Bank Draft No./ money receipt No _____ date _____ amount in Rs. _____ (Rupees _____)only	
3	Attested copy of GST Registration Certificate	Furnished / Not furnished
4	Electrical Contract License (H.T)	Furnished / Not furnished
5	Civil Contract License (C or D class)	Furnished / Not furnished
6	Attach past experience certificate for similar job in OPTCL/ DISCOM or equivalent	Yes / No
7	Agreed to furnish Contract security deposit	Yes / No
8	Agreed to accept payment terms as per the tender specification	Yes / No
9	Agreed to adhere to completion of work as per the tender specification	Yes / No
10	Agreed to accept penalty clause as per the tender	Yes / No
11	Agreed to keep validity of the offer 3month from the date of tender opening without any variation in tender clause.	Yes / No
12	Agreed to obtain labour contract license on event of work order from the competent authority	Yes / No

Date**Signature of the Tenderer
with seal.**

N.B: Please tick mark the furnished one & strikeout the other.

Undertaking

This is to certify that

1. I am neither been associated, directly or indirectly, with the Consultant or with any other entity that has prepared the design, specifications, and other documents for the Project nor has any person associated with been proposed as Project Manager for the Contract.
2. I am not related to any officer of OPTCL of the rank of Asst Manager or above.
3. I do under take that I have fully understood the terms condition as per the NIT uploaded in the official website of OPTCL for the tender call notice published in the newspaper and abide by it.
4. All the documents submitted by me are correct and genuine.

**Signature of the Tenderer
with seal.**