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ଓଡ଼ିଶା ବିଦ୍ୟୁତ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିଡ.
ODISHA POWER TRANSMISSION CORPORATION LIMITED
(A Government of Odisha Undertaking)
OFFICE OF THE DEPUTY GENERAL MANAGER (ELECTRICAL)
EHT (O&M) DIVISION, CHATRAPUR
AT-PUTIGOPALPUR, CHATRAPUR, DISTRICT-GANJAM, PIN-761020
CIN- U40102OR2004SGC007553

TENDER SPECIFICATION FOR TENDER CALL NOTICE No. 05/20-21[LOT-II]

For

**“REPLACEMENT OF EXISTING LONGROD INSULATOR STRINGS OF
VARIOUS SUSPENSION & TENSION TOWERS BY 90KN &120 KN
SILICON POLYMER INSULATORS OF 132KV CHATRAPUR-IRE DC
LINE UNDER EHT(O&M) DIVISION, CHATRAPUR”**

**Cost of tender paper Rs2000/-+ GST@12%= Rs2240/-
(Rupees two thousand two hundred forty only)**

ISSUED TO:-

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ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Government of Odisha Undertaking)

OFFICE OF THE DEPUTY GENERAL MANAGER (ELECTRICAL)

EHT (O&M) DIVISION, CHATRAPUR

At-Puti-Gopalpur, Chatrapur, Dist- Ganjam (Odisha), Pincode-761020

CIN- U40102OR2004SGC007553

NOTICE INVITING TENDER

Advt. No. 05/2020-21[LOT-II]

For and behalf of OPTCL, Sealed tenders are invited by the undersigned from Registered EHT/HT Contractors having valid electrical license, Labour license, I.T. PAN & GST Registration certificate etc for Replacement of existing Longrod insulator strings of various suspension & Tension towers by 90KN & 120 KN Silicon Polymer insulators of 132KV Chatrapur-IRE DC line under EHT(O&M) Division, Chatrapur.

Cost of Tender Paper: - Rs2000/+ GST@12% (Rs2240/-)

EMD @ 1% of estimated cost: -Rs 4060/-

Sale of Tender documents: From Dt.10.03.21 to Dt. 24.03.21 on working days only.

Last date of submission of tender: Dt.24.03.21 up to 2.00 PM.

Date of opening of tender: Dt. 25.03.21 at 4.00 PM

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, Chatrapur

TENDER SPECIFICATION FOR TENDER CALL
NOTICE No. 05/2020-21[LOT-I]
OF EHT (O & M), DIVISION, CHATRAPUR
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| 7. | SECTION – VII | No relation certificate |
| 7. | COST OF TENDER PAPER (Non-refundable) | Rs2000/-+ GST@12%= Rs2240/- (Rupees two thousand two hundred forty only) by Cash/ Bank Draft drawn in favour of Dy. General Manager, EHT(O & M) Division, Chatrapur payable at Chatrapur, Odisha. |
| 8. | E.M.D | Rs. 4060/- only by cash / bank draft drawn in favour of Dy. General Manager, EHT (O & M) Division, Chatrapur payable at Chatrapur, Odisha. |
| 9 | SALE OF TENDER PAPER | From Dt.10.03.21 to Dt. 24.03.21 up to 5.00PM on working days only available in the office of the Dy. General Manager (Elec.), EHT (O&M) Division, OPTCL, Chatrapur |
| 10. | LAST DATE OF RECEIPT OF TENDER PAPER | Dt.24.03.2021 up to 2.00 PM |
| 11 | DATE & TIME OF OPENING OF TENDER | Dt. 25.03.2021 at 4.00 PM |

| | | |
|-----|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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, Chatrapur, At-Puti-Gopalpur, Chatrapur, Dist- Ganjam (Odisha),Pincode-761020 |
|-----|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

INSTRUCTION TO BIDDERS

The Bidders must read in detail the 'Instruction to Tenderers', 'General Terms and Conditions of contract' and 'Technical Specifications' before filling the tender documents.

TENDERS:

- A) Bidders must submit their bids with original signature. Only those who have purchased the Tender specification from this office can submit their Tender. Tenders submitted by other will be rejected.
- B) Tender must be submitted in sealed cover subscribed as “**REPLACEMENT OF EXISTING LONGROD INSULATOR STRINGS OF VARIOUS SUSPENSION & TENSION TOWERS BY 90KN & 120 KN SILICON POLYMER INSULATORS OF 132KV CHATRAPUR-IRE DC LINE UNDER EHT(O&M) DIVISION, CHATRAPUR**” on or before 25.03.2021 for opening and addressed to the **Dy. General Manager, EHT (O & M) Division, Chatrapur.**
- 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, Chatrapur, At-Puti-Gopalpur, Chatrapur, Dist- Ganjam (Odisha), Pincode-761020.** Tenders received after due date due to postal delay or any other reason will not be considered.
- D) The bidder is to deposit EMD @ 1% of estimate value in shape of cash / bank draft drawn in favour of Dy. General Manager, EHT (O & M) Division, Chatrapur. 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, remained with the OPTCL.

2. Experience:

The bidders should possess valid electrical license and Labour license. Persons having experience in this type of job may be given preference subject to fulfillment of other criteria.

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.

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 up-to-date EHT/HT contract license, Labour license, I.T. PAN & GST Registration certificate etc. must be enclosed with the tender bids.

(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. The original documents such as ITCC, PAN and EHT/HT License, valid labour contract license etc. may be brought for verification.

6. The bidders are advised to inspect the line for assessing their rates to be quoted in the tender prior to submitting their bids.

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

GENERAL TERMS AND CONDITIONS OF CONTRACT

1. **SCOPE OF WORKS:** Detailed scope of work is appended at SECTION-IV.
2. **VALIDITY:** The tenderers are requested to keep the validity of their offer for a period of 6 (six) months from the date of opening of tender.
3. **EMD:** The tenderers are requested to deposit EMD @ 1% of the Estimate value in shape of Cash / Bank Draft drawn in favour of **EHT (O&M) Division, OPTCL, Chatrapur payable at Chatrapur**. 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. The EMD submitted by the tenderers along with their bids shall not carry any interest from OPTCL. The tender without EMD will be liable for rejection.
4. **PRICE:** The bidders are advised to quote their rate as per the price schedule attached at SECTION-V and shall remain firm inclusive of all duties, labour charges etc., within the validity of tenders.
5. **SECURITY-CUM-PERFORMANCE DEPOSIT:** The tenderers whose offer qualifies will be awarded work order for execution of the works and the contractor shall have to deposit security-cum-performance amount equal to 10% (ten per cent) of contract value in shape of cash / bank draft drawn in favour of **EHT (O&M) Division, OPTCL, Chatrapur payable at Chatrapur**. The security deposit shall be released after two months of completion of the guarantee period as stated under clause-9 on receipt of application for this purpose. No interest shall be paid to the contractor towards the security deposit so deposited by the contractor. The security-cum-performance deposit shall be deposited with the respective paying officer of OPTCL within two weeks of issue of work order or prior to execution of the work. In the event of any breach or default in all or any conditions of the work order or any defect found during the guarantee period and not repaired by the Contractor free of cost, OPTCL may forfeit the whole amount of security deposit.
6. **COMPLETION OF WORKS:** The works awarded should be completed in all respect within **45 days** from the date of placement of work order. Upon receipt of intimation about completion of “**REPLACEMENT OF PORCELAIN DISC INSULATORS BY ANTI-FOG LONGROD INSULATORS AT VARIOUS TOWER LOCATION OF 132KV CHATRAPUR-BALUGAON SC LINE UNDER EHT (O&M) DIVISION CHATRAPUR** ” work and after inspection by OPTCL Engineer-in-charge shall issue a completion certificate in which he shall certify the date on which the work have been completed. The certificate shall be issued within 30 days of the intimation from the contractor. The issuance of taking over certificate shall in no way relieve the contractor of his responsibility for the satisfactory completion of work in terms of the work order.
7. **PENALTY:** Penalty shall be imposed @ ½ % (half per cent) of contract price for each calender week of delay or part thereof subject to maximum of 5% (five per cent) of contract amount. Charges towards penalty shall be counted after schedule date of completion / issue of clear instruction to the contractor for commencement of work by the Dy. General Manager, EHT (O&M) Division, Chatrapur
8. **TERMS OF PAYMENT:** 100% (Hundred per cent) payment along with full taxes and duties (if any) shall be made after successful completion of the work in all respect and verification thereof by respective consignee and paying officer and against deposit of 10% security-cum-performance guarantee amount as per clause No.5 of this tender specification.
9. **GUARANTEE PERIOD:** The work done by the contractor shall be guaranteed for a period of 12 months from the date of completion of work against any bad workmanship done for the work. The above guarantee certificate shall be furnished in triplicate to this office for approval. Any defects noticed during the period shall be rectified by the Contractor on free of cost to OPTCL upon written notice provided such defects are due to bad workmanship.

10. SUPERVISING OFFICER: The concerned Line-in-charge of the Sub-Division is the Supervising Officer for the work awarded under his jurisdiction.

11. PAYING OFFICER: The DGM, EHT (O&M) Division, Chatrapur is the paying officer for this contract.

12. INSURANCE- The contractor shall arrange insurance coverage for the OPTCL materials / his own materials at his cost.

13. NON-ASSIGNMENT: The contractor shall not assign or transfer the work order issued as per this contract or any part thereof without the prior approval of OPTCL.

14. AGREEMENT: The successful contractor shall have to enter into an agreement with the concerned Engineer-in-charge in the approved contract agreement form within 15 days of receipt of work order.

15. 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 Odisha High Court extends.

16. OUTRIGHT REJECTION OF TENDERS: The offers submitted by the contractor shall be outright rejected if they do not compile the following requirements.

a. Tenderers should have purchased the relevant specification from the office of the Dy. General Manager, EHT (O&M) Division, Chatrapur and original money receipt should be enclosed along with tender documents.

b. The tender shall be submitted in person or by Registered Post with A.D which should be received before opening of tender

c. Tender shall not be submitted telegraphically or by fax.

d. Tender shall be accompanied with the prescribed EMD.

e. Tenders shall be kept valid for a minimum of 180 days from the date of opening of the tender.

f. Tender shall be accompanied with clear valid Xerox copy of EHT/HT contract license, I.T. PAN, GST registration certificate, Labour license etc. which must be valid on the date of opening of tender.

g. The tenderer should put their signature in each page of the tender specification.

17. The Authority reserves the right to award the contract among any responsive bidders against this tender. The authority reserves the right to reject any or all the tenders and alter the quantum of works without assigning any reason thereof.

18. MANNER OF EXECUTION: Work shall be carried out in an approved manner as outlined in the technical specification or where not outlined in accordance with the relevant Indian Standard Specification to the reasonable satisfaction of the Engineer.

19. 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 as facts justified.

20. VARIATION. ADDITIONS AND OMISSIONS: The OPTCL shall have the right to alter, amend, omit or otherwise vary the quantum of work by notice in writing to the Contractor. The Contractor shall carry out such variation in accordance with the rates specified in the contract.

21. INSPECTION DURING EXECUTION: The Engineer-in-charge or his authorized representative(s) shall be entitled at all reasonable times to inspect and supervise the work. Such inspection will not release the Contractor from their obligations under this contract.

22. SUBMISSION OF PROOF REGARDING PAST EXPERIENCE; The bidders are required to submit the list of his past experience if any regarding similar work done along with the supporting documents.

23. 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.

24. 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 and or work and request the Contractor to rectify the same. The Contractor on receipt of such notices rectify or replace the defective materials and rectifies the work free of cost. If the Contractor fails to do so the OPTCL may -

a. At its option replace or rectify such defective materials and / or work and recover the extra cost so involve from the Contractor plus 15% from the contractor and / or

b. Terminate the contract for balance work / supplies with enforcement of penalty as per contract.

c. Accept the defective materials and / or works at reduced price considered equitable under the circumstances.

25. PAYMENT DUE FROM THE CONTRACT: All costs and damages for which the Contractor is liable to the purchaser will be deducted by the purchaser from any money due to the Contractor under the contract.

26. SECURITY: The Contractor shall treat the details of the specification and other documents as private and confidential and they shall not be reproduced without written authorization from OPTCL.

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

SECTION-III
TECHNICAL SPECIFICATION:-

REPLACEMENT OF EXISTING LONGROD INSULATOR STRINGS OF VARIOUS SUSPENSION & TENSION TOWERS BY 90KN &120 KN SILICON POLYMER INSULATORS OF 132KV CHATRAPUR-IRE DC LINE UNDER EHT(O&M) DIVISION, CHATRAPUR”

| Sl.No. | Tower Location No. | No. of Long Rod Insulators to be Replaced | Remarks |
|---------------|---------------------------|--------------------------------------------------|---------------------------|
| 1 | 1 | 18 | Tension Insulators |
| 2 | 2 | 12 | Suspension Insulators |
| 3 | 3 | 6 | Suspension Insulators |
| 4 | 4 | 18 | Tension Insulators |
| 5 | 5 | 21 | Tension -18 Suspension-03 |
| 6 | 6 | 6 | Suspension Insulators |
| 7 | 7 | 6 | Suspension Insulators |
| 8 | 8 | 6 | Suspension Insulators |
| 9 | 9 | 6 | Suspension Insulators |
| 10 | 10 | 6 | Suspension Insulators |
| 11 | 11 | 6 | Suspension Insulators |
| 12 | 12 | 6 | Suspension Insulators |
| 13 | 13 | 6 | Suspension Insulators |
| 14 | 14 | 15 | Tension -12 Suspension-03 |
| 15 | 15 | 6 | Suspension Insulators |
| 16 | 16 | 6 | Suspension Insulators |
| 17 | 17 | 15 | Tension -12 Suspension-03 |
| 18 | 18 | 12 | Tension Insulators |
| 19 | 19 | 6 | Suspension Insulators |
| 20 | 20 | 12 | Tension Insulators |

1.Total No. of Suspension Disc Insulator Strings to be replaced by

90KN Polymer insulators = 93 nos.

2.Total No. of Tension Disc Insulator Strings to be replaced by

120KN Polymer insulators = 102nos.

Total Insulator=195

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

SECTION-IV

SCOPE OF WORK

| Sl. No | Description of Work | Unit | Quantity |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|
| 1 | Replacement of existing long rod insulator strings of various suspension & Tension towers by 90KN &120 KN Silicon Polymer insulators in 132KVChatrapur-IRE DC line including delivery and stacking of dismantled longrod Insulators as per instruction of Engineer-in-charge. | | |
| | (A) 90KN Polymer insulators | Nos. | 93 |
| | (B) 120KN Polymer insulators | Nos. | 102 |

SECTION-V

| SCHEDULE OF PRICE FOR EXECUTING WORK | | | | | | |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------|------------------------|--------------------------|----------------|
| Sl. No | Description of Work | Unit | Qty. | Rate in Rs. | Amount in Rs. | Remarks |
| 1 | Replacement of existing long rod insulator strings of various suspension & Tension towers by 90KN & 120 KN Silicon Polymer insulators in 132KV Chatrapur-IRE DC line including delivery and stacking of dismantled long rod Insulators as per instruction of Engineer-in-charge. | | | | | |
| | (i) 90KN Polymer insulators | Nos. | 93 | | | |
| | (ii) 120KN Polymer insulators | Nos. | 102 | | | |
| 2 | | Total | | | | |
| 3 | | Add GST @ 18% of item (2) | | | | |
| 4 | | Grand Total(2 + 3) | | | | |

Dated: Signature of the Tenderer with seal

Place:

SECTION-VI

DETAILED DATA SHEET TO BE FURNISHED BY THE TENDERERS

1. Name of the Contractor with detailed postal address and telephone no.:
2. Earnest money deposited vide Bank Draft No. _____ Date _____ / By Cash amount in Rs. _____
(Rupees _____) only vide money receipt No. _____ Dated _____.
3. Attested copy of PAN No. / GST Certificate: Furnished / Not furnished.
4. Attested copy of the valid H.T/EHT. License: Furnished / Not furnished.
5. Agreed to furnish Contract security deposit: Yes / No
6. Agreed to accept payment terms as per the contract: Yes / No
7. Agreed to adhere completion of work as per the tender: Yes / No
8. Agreed to accept penalty clause as per the tender: Yes / No
9. Attach past experience certificate for the similar jobs in OSEB / GRIDCO or any other agencies : Yes / No
10. Agreed to keep validity of the offer one year from the date of tender opening without any validation in tender clause Yes / No
11. Agreed to obtain labour contract license on event of work order from the competent authority : Yes / No
12. Date of submission of tender. : Dt. _____

Dated: Signature of the Tenderer with seal

Place:

SECTION – VII
NO RELATION CERTIFICATE

THIS IS TO CERTIFY THAT I / WE HAVE NO RELATIONSHIP WITH ANY OF THE EMPLOYEES IN THE RANK OF ASST. MANAGER AND ABOVE SERVING UNDER OPTCL, ODISHA. IN CASE THE ABOVE STATEMENT IS FOUND TO BE FALSE, I / WE MAY BE DEBARRED FROM ANY PAYMENT DUE ON ACCOUNT OF THIS CONTRACT.

SIGNATURE OF THE TENDERER