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ଓଡ଼ିଶା ବିଦ୍ୟୁତ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିଃ.

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. 03/2021-22

For

**“CHECKING & TIGHTENING OF EXISTING JUMPERS IN TENSION TOWERS
OF 132 KV LINES UNDER EHT (O&M) DIVISION, CHATRAPUR”**

**Cost of tender paper Rs. 2000/- +12 % GST=Rs.2240/-
(Rupees two thousand two hundred forty only)**

ISSUED TO:-

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EHT (O&M) DIVISION, CHATRAPUR

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

CIN- U40102OR2004SGC007553

NOTICE INVITING TENDER

Advt. No. 03/2021-22

Sealed tenders are invited by the undersigned from experienced contractors having HT/EHT contractor license issued by Chief Electrical Inspector, Govt of Odisha /Govt. of India / Railways / Military for the work and having experience in similar nature of work in EHT system i.e. checking and tightening of jumpers in EHT lines along with I.T. PAN, GST registration and clearance certificate for “Checking & tightening of existing Jumpers in tension Towers of 132 KV lines under EHT(O&M) Division, Chatrapur”

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

Sale of Tender documents: From Dt. 10.12.21 to Dt. 27.12.21 up to 5.00PM on working days only.

Last date of submission of tender: Dt. 28.12.21 up to 1.00 PM.

Date of opening of tender: Dt. 28.12.21 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. TS/CHP/03/2021-22
OF EHT (O & M), DIVISION, CHATRAPUR
INDEX

1.	SECTION – I	Instruction to Bidders
2.	SECTION – II	General terms & conditions of contract.
3.	SECTION – III	Technical Specification
4.	SECTION – IV	Schedule of Quantity
5.	SECTION – V	Schedule of Price
6.	COST OF TENDER PAPER (Non-refundable)	Rs. 2000/- + 12 % GST= Rs.2240/- (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.
7.	E.M.D	Not applicable
8.	SALE OF TENDER PAPER	From Dt. 10.12.21 to Dt.27.12.21 up to 5.00PM on all working days only available in the office of the Dy. General Manager (Elec.), EHT (O&M) Division, OPTCL, Chatrapur
9.	LAST DATE OF RECEIPT OF TENDER PAPER	Dt. 28.12.21 up to 1.00 PM.
10.	DATE & TIME OF OPENING OF TENDER	Dt. 28.12.21 at 4.00 PM
11.	Tender posted by the registered post 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 Bidders' & 'General Terms and Conditions of contract' before filling the tender documents.

1. 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 mean will be rejected.
- B) Tender must be submitted in sealed cover subscribed as “**TENDER CALL NOTICE No. TS/CHP/03/2021-22: CHECKING & TIGHTENING OF EXISTING JUMPERS IN TENSION TOWERS OF 132 KV LINES UNDER EHT (O&M) DIVISION, CHATRAPUR**” on or before 28.12.21 for opening and addressed to the **Dy. General Manager, EHT (O & M) Division, Chatrapur.**
- C) Tender shall be submitted either by registered post or by person. 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 considered. The tenderer who wants to receive the tender paper by post have to deposit additional Rs100.00 along with the tender paper cost.

2. 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.

3. OPENING OF TENDERS:

- a) **Copy of PAN Card and GST Registration number & clearance certificate and valid HT Contractor license should be enclosed with the tender, which should be valid on the date of opening of the tender.** The Tenderers may be asked to produce all original documents for verification any time after the bid opening. If any Tenderer fails to produce the same then the tender bid shall be out rightly rejected.
- b) **Tenderers themselves or their authorized representatives (possessing authorization letter in original shall be allowed to attend opening event of the tender.**

- 4. **The purchaser may alter the volume of work at the time of placing orders. Orders may also be split up among more than one tenderer if necessary in the interest of OPTCL. 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.

5. **The Tenderers 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.**
6. The purchaser reserves the right to reject the lowest or any other tender or all tenders without assigning any reason what so ever.
7. OPTCL will out-rightly reject the bids quoting extremely low, unworkable rates (as per OPTCL's observation) that may apparently not cover and justify the legitimate expenses of the bidder including other overhead charges.
8. **Tenders should be prepared neatly and without any overwriting and corrections. Erasures and other changes shall bear the dated initial of the person signing the tender.**
9. **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.**
10. **The tenderers are advised to visit the site and make them acquainted with the site condition before submission of tender.**
11. **For evaluation, the price mentioned in words shall be taken if there is any difference in figure and words in the price bid.**
12. **All other Terms and Conditions of OPTCL purchase rules shall be applicable.**
13. The tenders shall be out rightly rejected if they do not comply with the following requirements.
 - a) **Tenderers should have purchased the relevant specification from the office of the Dy General Manager, EHT (O&M) Division, Chatrapur.**
 - 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 telegraphically or by e-mail.**
 - d) **Tenders shall be kept valid for a minimum of 180 days from the date of opening of the tender.**
 - e) **The tender shall not be conditional.**
 - f) **There must not be any violation to the terms & conditions set forth and provided in the tender specification.**
 - g) **Non submission of the following documents:**
 - a. **Copies of I.T. Pan card**
 - b. **Valid GST registration certificate**
 - c. **Copy of valid HT/EHT contractor license**
 - d. **Details of Past Experience i.e. Completion Certificate, Work orders, Experience certificates.**
 - e. **Abstract of Terms & conditions in prescribed proforma as per Annexure-I.**
 - f. **General Terms & Conditions of contract as per Section-II of the Specification. (All the required documents are to be submitted)**

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

SECTION - II

GENERAL TERMS AND CONDITION

1. **SCOPE OF CONTRACT:** The scope of contract covers for Checking of Jumpers, insulators, hardwares & accessories and tightening/replacement of clamps, nut & bolts wherever necessary at Tension Locations of different EHT Lines of EHT (O&M) Division, Chatrapur as per the technical specification and price schedule including supply of all labour, T&P & mobilization to site to complete the work in all respect & as per the instruction of Engineer In Charge. Required clamps, connectors and conductors will be provided by the Department.
2. **PRICE:** The bidders are advised to quote their rates as per the attached price schedule. The price should be firm and shall include the cost of all the materials, labour and transportation of all materials to site including mobilization to complete the work in all respect and also shall cover all incidental expenses towards execution of works including T&P etc. Taxes if any are to be specified.
3. **COMPLETION PERIOD:** The work shall be completed within 30 days from the date of issue of work order and on availability of shut down. The authority however reserves the right to schedule/reschedule the work progress timeline.
4. **EXTENSION OF TIME:** If the work completion is delayed due to any reason beyond the control of contractor, then the contractor shall without delay give notice to OPTCL in writing for an extension of time with detail justification. The 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.
5. **VALIDITY:** Price with terms and conditions of the offer shall be valid for a minimum period of 180 days from the date of opening of tender failing which their tenders will be rejected.
6. **TERMS OF PAYMENT:** 97% payment with taxes and duties will be paid after completion of the work in all respect which shall be certified by the executing officer subject to approval of guarantee certificate and availability of funds.
7. **PAYING OFFICER AND CONSIGNEE:**

The respective grids SDOs are the consignee for the contract and DGM EHT(O&M) Division Chatrapur is the paying officer.

8. **PRICE REDUCTION FOR DELAY IN WORK COMPLETION:**

i).If the contractor fails to deliver the materials/execute the work within the delivery/stipulated period as stipulated under Clause No.3 (Section-II) of this tender document or any extension granted thereto, the purchaser shall recover from the supplier price reduction for a sum of half percent (i.e. 0.5 percent) of the contract price for each calendar week or part thereof of limited to maximum of 10% of cost (exclusive of GST) of the undelivered portion of the materials/equipments and incomplete portion of the work.

ii).The total amount of price reduction schedule for delay under the contract will subject to a maximum of 5% (five percent) of the contract value (exclusive of GST) to be applicable after the completion of supply and erection before release of 03% amount of Security Deposit-cum-Performance Guarantee.

iii).OPTCL shall recover the price reduction schedule from the bill of the Contractor.

iv). However, if the price reduction schedule remain un-recovered the same shall be recovered from the contract performance Bank Guarantee.

9. **GUARANTEE PERIOD:** The work executed shall be guaranteed for a period of 12 (twelve) months from the date of completion & certification by the Engineer-in-Charge. The guarantee certificate shall be furnished in triplicate to the office of the undersigned for approval before release of payment. Any defect if noticed during this period shall be rectified free of cost

provided such defects are due to bad workmanship, bad materials used upon written notice from the authority concerned.

- 10. GST REGISTRATION CERTIFICATE, PAN CARD, CONTRACTOR LICENSE & EXPERIENCE CERTIFICATE:** Self attested legible photocopies of Income Tax PAN Card, GST Registration & Clearance Certificates and H.T. contractor license issued by Chief Electrical Inspector, Odisha & relevant experience certificates towards similar nature of works, if any, 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 firm may be asked to produce original documents for verification any time after opening of the 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. All documents of the tender should be signed by the authorized signatory.
- 11. COMPENSATION:** The agency shall be fully responsible for payment of compensation, arising whatsoever in the case of any accident/ injury to the workmen deployed by the agency under the Workmen Compensation Act. OPTCL in no way will be responsible for payment of any compensation. Agency shall pay all claims/ compensation/ damages/ penalty/ fine or any amount payable to the individual/ authorities payable due to accident/ injury to the person deployed by the agency.
- 12. SAFETY & SECURITY:** Adherence to statutory Safety practices at work site as per CEA regulations, 2011 (Safety requirements for construction, operation and Maintenance of Electrical plants and Electric lines). The contractor will supply all the ISI marked personal protective equipment (PPE) like Helmet, Safety Shoe, Hand Gloves, and Safety Belt etc. at their own cost to the deployed persons that shall work in Extra High Voltage System while adhering to mandatory work site safety practices. The safety of contract personnel (Skilled, Semi-skilled or Unskilled) deployed by the contractor shall be sole responsibility of the contractor.
- 13. SUBMISSION OF PROOF REGARDING PAST EXPERIENCE :-**

The bidder is required to submit the list of similar nature works executed by him in support of his past experience along with the tender. Documents such as Completion Certificate, Work orders, Experience certificates are to be enclosed along with the tender documents.

- 14. SECURITY-CUM-PERFORMANCE DEPOSIT:** The successful tenderers will be required to deposit a Security Deposit-cum-Performance Guarantee amounting to 3% of the contract value valid up to two months after the guarantee period shall be deposited within 10 days (Ten) days of placement of the Work order in the shape of DD/Composite B.G. from a Nationalized Bank, drawn in favour of EHT (O&M) Division, Berhampur/Bhanjanagar which will be refunded after two months of completion of the Guarantee period on written request subject to approval of guarantee certificate. The B.G. format will be issued by OPTCL during the placement of the work order. In the event of any breach or default in all or any condition of Work Order, security deposit will be forfeited. In case the security amount is not deposited, the same shall be deducted from the bill of the supplier. Security Deposit not claimed for refund within three years from the date of placing of order shall be forfeited.
- 15. QUANTITY VARIATION:** The quantity of the work may undergo revision at the time of placement of orders.
- 16. JURISDICTION OF COURT:** For the purpose of jurisdiction of Court in the event of any dispute shall be deemed to have entered into any Court of law at Cuttack to which the jurisdiction of Odisha High Court extends and it is hereby expressly agreed that neither party shall be competent to bring a suit in regard to the matter covered by this purchase at any place outside in State of Odisha.

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

SECTION-III
TECHNICAL SPECIFICATION

1. The Scope of Work:- The scope of works covers the followings:
 - a) Checking of Jumpers, insulators, hardware & accessories and tightening/replacement of clamps, nut & bolts wherever necessary at Tension Locations of different EHT Lines of EHT (O&M) Division, Chatrapur including supply of all labour, T&P & mobilization to site to complete the work in all respect & as per the instruction of Engineer In Charge.
 - b) Checking and tightening of the existing jumper of the circuit, when the other circuit being charged condition and replacement of damaged clamps, connectors, nut & bolts and accessories wherever required.
 - c) The required Conductor, clamps, hardware, nut & bolts and accessories shall be supplied by OPTCL. The contractor has to lift the materials from the OPTCL site stores. T&P and other required materials for successful execution of the work will be supplied by the contractor.
 - d) The required tools and tackles, skilled man power for execution of the work will be supplied by the contractor.
 - e) Prior to bidding the contractor shall inspect the locations and the execution of the work to be carried out in parallel manner so that the work shall be completed within stipulated time.
 - f) No Mobilization charges shall be claimed.
 - g) OPTCL may conduct RANDOM CKECKING of the executed works and in case of any lapse/improper work execution as observed /decided by OPTCL ENGINEER IN CHARGE; Contractor has to do the corrective action. Engineer in charge has to produce a FEEDBACK REPORT , mentioning the detail which shall be referred and necessary action as deemed fit shall be taken during bill process.
 - h) Damage to OPTCL's property during work execution, if resulted shall be recovered/rectified from the contractor basing upon the report by special committee the decision towards recovery /rectification shall be done.
2. Supply of Materials: - OPTCL shall supply the required clamps, connectors, conductors.
3. Workmanship :Checking and Tightening of Jumpers at different cut points in different EHT lines shall be carried out as per the direction of the engineer-in-charge and proper tightening of the connectors must be ensured and the detailed photograph of all the Locations to be submitted before approval of Guarantee Certificate. **During the work in one circuit (in case of Double Circuit), the other circuit in the same tower may remain in charged condition.**
4. The contractor shall submit the TENTATIVE WORK ACTION PLAN of work. Accordingly shut down of the circuit shall be arranged and materials to be supplied. The work shall be executed during day time.
5. Idle charges in no case the contractor shall be allowed any claims towards idle charges.
6. Acceptable wastages
The contractor shall make every effort to minimize the breakages, loss and wastage of the supplied /replaced materials and OPTCL's property upon which work getting executed. However, breakages /losses of supplied materials up to a maximum of 1% is permissible during erection and dismantling. But in case of damage to OPTCL's property during work execution, if resulted shall be recovered/rectified from the contractor basing upon the report by special committee the decision towards recovery /rectification shall be done.

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

SECTION IV
SCHEDULE OF QUANTITY

Sl No.	DETAILS OF TENSION TOWERS LOCATION WISE
1	132KV Chatrapur-Balugaon S/C Line (24nos.)
	397(C),396(C),394(B),392(C),389(C),387(B),378(B),370(B),362(C),357(B),345(B),337(C),330(B),318(B),308(B),300(B),293(C),284(B),277(B),270(B),265(B),257(B),252(B) & 247(B)
2	132KV Chatrapur-Balugaon LILO Line (14nos.)
	1(NZ),2(NB),3(PC),12(PB),16(PB),19(PB),27(PC),30(PC),31(NZ+3) & 1(PC),2(PC),4(PB),7(PB),8(PC)
3	132KV Chatrapur-Rambha Traction Line (28nos.)
	1(PC),2(C),4(PB),5(UR+6),6(UR+6),8(PC),11(PB),12(PB),20(PB),29(PB),33(PC+3),34(UR+6),35(UR+6),36(PC),38(PC+6),45(PB),51(PB),58(PB),66(PB),68(PB),70(PC), 76(PB),82(PC+2),87(PB),89(PB),95(PB),98(PB) & 101(PC)
4	132KV Old Aska-Chatrapur D/C Line (24nos.)
	1(PC),2(PC),4(PC),5(PC),10(PC+3),17(B),33(PB+6),42(B),51(PB),64(C),73(PB),84(PB),93(PB),100(PB),106(PB),114(PB),122(PC),130(PB),136(PB),141(PB),144(C), 147(PB),149(PC) & 150(PC)
5	132KV Aska New-Chatrapur LILO Line (11nos.)
	1(PC),2(PB+3),5(PB),9(PB+3),13(PB),16(PB),18(PB),20(PB+3),21(PC+3),22(PC+3) & 23(PC+3)
6	132KV Chatrapur-Ganjam Line (18nos.)
	1(C),2(PC),3(PC),4(C),5(C),8(C),10(C),11(PB+3),20(PB+3),30(PB+3),31(PB+3),32(OC+6), 33(OC+6),34(OC+6),35(PB+6),36(PB),39(PC), & 41(PC+6)
7	132KV Balugaon-Solari Traction line (13 nos.)
	12(PB),19(PB+3),23(PB),26(PB+3),31(PB),34(PB),39(PB+3),47(PB),48(PB),55(PC),56(PC+6),57(PC+6) & 58(PC)

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

SECTION V
SCHEDULE OF PRICE

S.I. No.	Description of Works	Unit	Total Quantity	Unit Erection Rate	Total Erection Price
1	Checking jumpers, insulators, hardware & accessories and tightening/replacement of clamps, jumpers, nut & bolts wherever necessary at tension locations as per the instruction of Engineer-in-Charge.				
(i)	Tension location on 132KV Chatrapur-Balugaon S/C Line(24nos.) Total no of jumpers= 24 x 3 = 72 nos.	Per Jumper	72		
(ii)	Tension location on 132KV Chatrapur-Balugaon LILO Line(9nos.+5nos.) Total no of jumpers=(9 x 6)+(5 x3) = 69 nos.	Per Jumper	69		
(iii)	Tension location on 132KV Chatrapur-Rambha Traction Line(28nos.) Total no of jumpers= 28 x 2 = 56 nos.	Per Jumper	56		
(iv)	Tension location on 132KV Old Aska-Chatrapur D/C Line(24nos.) Total no of jumpers= 24 x 6 = 144 nos.	Per Jumper	144		
(v)	Tension location on 132KV Aska New-Chatrapur LILO Line(11nos.) Total no of jumpers= 11 x 6 = 66 nos.	Per Jumper	66		
(vi)	Tension location on132KV Chatrapur-Ganjam Line(18nos.) Total no of jumpers= 18 x 3x2 = 108 nos.	Per Jumper	108		
(vii)	Tension location on132KV Balugaon-Solari Traction Line(13nos.) Total no of jumpers= 13 x 2 = 26 nos.	Per Jumper	26		
2	Total				
3	GST @ 18% on (2)				
4	Grand total (2 to 3)				
In words:					

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

ANNEXURE-I

DETAILED DATA SHEET TO BE FURNISHED BY THE TENDERERS

Name of the Contractor with detailed postal address and telephone no:		
1	Earnest money deposited vide Bank Draft No. _____ Date _____ / By Cash amount in Rs. (Rupees _____) only vide money receipt no. _____ Dated _____.	
2	Whether Attested copy of valid HT/EHT contractor License furnished or not.	Yes/No
3	Bidders' past experience furnished or not	Yes/No
4	Security-cum-Performance Guarantee (Whether agreeable to OPTCL terms)	Yes/No
5	Guarantee:- Whether agreeable to OPTCL's terms.	Yes/No
6.	Terms of payment:- Whether agreeable to OPTCL's terms or not	Yes/No.
7.	Nature of price:- FIRM	Yes/No
8.	Penalty:- Whether agreeable to OPTCL's terms or not	Yes/No
9.	Validity: - Whether agreeable to OPTCL's terms or not	Yes/No
10.	Copy of GST Registration & clearance Certificate furnished	Yes/No
11.	Copy of PAN furnished:	Yes/No
12.	Agreed to all terms and conditions of the tender specification	Yes/No

(Strike off whichever is not applicable)

Signature of the Tenderer with Seal

Date:

Place: