



ଓଡ଼ିଶା ବିଦ୍ୟୁତ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିଡ.

**ODISHA POWER TRANSMISSION CORPORATION LTD.**

*(A Government of Odisha Undertaking)*

CIN – U40102OR2004SGC007553

**REGD. OFFICE: JANPATH, BHUBANESWAR – 751022,  
OFFICE OF THE DEPUTY GENERAL MANAGER (ELECT.)**

**EHT (O&M) DIVISION, MERAMUNDALI**

**AT: KANTABANIA (400/220/132/33 KV GRID S/S, MERAMUNDALI), P.O: KUSUPANGA-759121,**

**DIST: DHENKANAL (ODISHA)**

**CIN: U4102OR2004SGC007553**

**/ GSTN: 21AAACO7873L1Z6**

**[Email: ehm.div.mrm@optcl.co.in](mailto:ehm.div.mrm@optcl.co.in)**

**TENDER SPECIFICATION**

**No. 05/2024-2025**

for

**“Supply of different clamps and connectors for replacement of single moose Bus/Jumper by Twin Moose in different 220KV Feeders at 400/220/132KV Grid S/S, Meramundali”**

Date of Sale of Tender Paper	31-01-2025 (10:00AM) to 14-02-2025 (Up to 01:00PM)
Last Date for Sample Submission	14-02-2025 (Up to 03:00PM)
Last Date of submission of Tender Paper	14-02-2025 (Up to 03:00PM)
Date of Opening of Tender	14-02-2025 (At 03:30PM)
Cost of Tender Paper (non-refundable)	Rs. 2000.00+18%GST extra) <b>= Rs 2360.00</b>
EMD (Refundable)	<b>Rs. 5000.00 (Rupees Five Thousand only)</b>

ISSUED TO

M/S.....

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**SECTION – I**

**ଓଡ଼ିଶା ବିଦ୍ୟୁତ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିଃ.**

**ODISHA POWER TRANSMISSION CORPORATION LTD.**

OFFICE OF THE DEPUTY GENERAL MANAGER (ELECT.)

EHT (O&M) DIVISION, MERAMUNDALI

AT: KANTABANIA (400/220/132/33 KV GRID S/S, MERAMUNDALI), P.O: KUSUPANGA-759121,

DIST: DHENKANAL (ODISHA), CIN: U4102OR2004SGC007553

GSTN: 21AAACO7873L1Z6, Email: ehtm.div.mrm@optcl.co.in



**OPEN TENDER CALL NOTICE NO. 05/2024-25**

For and on behalf of OPTCL, sealed tenders duly superscribed as “Tender Specification No.05/2024-25 are invited from authorized manufacturer/ dealers having valid PAN Card, GST registration Certificate for the work “ Supply of different clamps and connectors for replacement of single moose Bus/Jumper by Twin Moose in different 220KV Feeders at 400/220/132KV Grid S/S, Meramundali”.

The bidders can view the tender documents from website free of cost. The bidders who want to submit bid shall have to pay a non-refundable amount **Rs. 2360.00 (Rupees Two Thousand Three Hundred Sixty) only Including GST**, towards Tender Paper cost in the form of **Demand Draft**, and a refundable amount of **Rs. 5000.00 (Rupees Five Thousand only)** towards EMD in the form of **Demand Draft** only in favour of **General Manager, EHT (O&M) Circle, Chainpal, OPTCL, payable at UCO Bank, TPS Talcher Branch, Angul** (In case the B.D made from any other nationalized bank payable will be allowed, But the bidders have to deposit the collection fee (Bank transaction fee) along with the paper cost. **The Tender Paper cost is Non-refundable.**

Tender papers are to be purchased from the office of the undersigned. The money receipt of the payment should be collected from the office of the Sr. General Manager, EHT (O&M) Circle Chainpal, which is to be submitted at the office of the EHT (O&M) Division, Meramundali towards obtaining the tender specification.

Date of Sale of Tender Paper	31-01-2025 (10:00AM) to 14-02-2025 (Up to 01:00PM)
Last Date for Sample Submission	14-02-2025 (Up to 03:00PM)
Last Date of submission of Tender Paper	14-02-2025 (Up to 03:00PM)
Date of Opening of Tender	14-02-2025 (At 03:30PM)

For detail, please visit our website: [www.optcl.co.in](http://www.optcl.co.in)

Corrigendum if any, shall be published in the web site only.

**N.B:- The Tender Paper must be purchased from this office only. No other mode like downloaded paper from website will be accepted.**

**DEPUTY. GENERAL MANAGER, (Elect.)  
EHT (O&M), DIVISION, MERAMUNDALI**

**INSTRUCTION TO BIDDERS**

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

**1. TENDERS:**

- A) Bidders can read technical specification from the website free of cost. Only those who have purchased the Tender specification from this office can submit their Tender. Bidders must submit their bids with original signature. Tenders submitted by other will be rejected.
- B) Sealed tenders are invited from **Reputed manufacturers/ Authorized Dealers having valid PAN, GST regd. Certificate with** sealed envelope super-scribed as **“Tender call Notice No. 05/2024-25: Supply of different clamps and connectors for replacement of single moose Bus/Jumper by Twin Moose in different 220KV Feeders at 400/220/132KV Grid S/S, Meramundali & Date of Opening of the tender on the body of the Sealed Envelope and addressed to the Deputy General Manager, EHT (O&M) Division, Meramundali”**. Bidder should not write their name or any other information on the body of the sealed envelope.
- C) Tender shall be submitted either in person or by registered post & any other means of delivery shall not be accepted. 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 Deputy General Manager, EHT (O&M) DIVISION, MERAMUNDALI, AT: KANTABANIA (400/220/132/33 KV GRID S/S, MERAMUNDALI), P.O: KUSUPANGA-759121, DIST: DHENKANAL (ODISHA), 759121.**

**2. (i) Bid Documents:-**

- (a) Tender Papers-01 Set (all pages signed by bidder)
- (b) Money receipt of Tender paper Purchased
- (c) Self attested Photocopy of PAN
- (d) Self attested Photocopy of GST
- (e) Authorized Manufacture/ Dealer Certificate

*Bid Documents are compulsory otherwise bid will be treated as cancelled.*

3. Experience: - The bidders may submit a copy of past experience if any regarding supply of similar materials to GRIDCO/ OPTCL or any other state or central PSUs/Govt.

**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 PAN card/ GSTIN/ GST certificate must be enclosed with the tender bids.
- B. Bidders themselves or their authorized representatives (possessing authorization letter in original) shall be allowed to attend opening event of the tenders.

**6. RIGHT TO REJECT /ACCEPT ANY TENDER:**

The authority reserves the right either to reject or to accept any or all tenders if the situation so warrants in the interest of the department. The authority has exclusive right to alter the order at the time of placing

final purchase order. It may be clearly understood by the Tenderer that the authority need not assign any reason for any of the above action[s].

**7. EVALUATION OF PRICE BIDS:**

Order on the firm will be placed on the basis of L1 evaluated price of the techno-commercial qualified bidders subjected to *scrutiny of sample*. However, OPTCL reserves the right to split up the orders among bidders on individual merits of the bidders, if the situation so warrants, in the interest of OPTCL. All the bidders may be required to explain/ justify the basis of their quoted rates as and when asked for. In case, any bidder fails to justify his quoted rates or refuses to co-operate in this regard, they will not be considered for participating in the tendering process and will not be allowed to participate in any future tender for a period of (3) three years.

8. Tender should be prepared clearly and without any overwriting and corrections. Erasures and other changes shall bear the dated with 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 authority 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.

**DEPUTY. GENERAL MANAGER, (Elect.)  
EHT (O&M), DIVISION, MERAMUNDALI**

**GENERAL TERMS AND CONDITIONS**

1. **Validity:** Tenderers are requested to keep the validity of their offer for a period of 03 months from the date of opening of tender.
2. **Price:** The bidders are advised to quote their rate as per the price schedule in **Annexure-II, Section -V**. The unit rate and the total amount should be entered in figures and words. Any correction should be attested under the seal of the Firm/ Contractor. In case of any difference between figure and words in the price schedule the price mentioned in words should be taken into consideration for evaluation.
3. **Taxes:** Taxes, if any shall be mentioned extra.
4. **Terms of Payment:** 100% payment with taxes etc. shall be made after completion of work and due verification thereof by the consignee and approval of Guarantee Certificate from the competent authority. The bills in triplicate should be submitted to the paying officer along with verification report duly verified by the concerned consignee.
5. **Destination:** The materials in full quantity and in complete shape shall be delivered at 400/220/132KV Grid S/S, Meramundali, At-Kantabania, Near TATA Steel, Po-Kusupanga, Dist-Dhenkanal-759121, Odisha.
6. **Delivery:** The material should be supplied within 30 days from the date of issue of Purchase order. If the materials could not be delivered within scheduled date due to reasons beyond the control of the supplier, then Delivery period may be extended on written request by the supplier. If the order is not completed within the stipulated time period, then penalty shall be imposed as per clause No.07 of SECTION-III .Order shall be liable for cancellation with forfeiture of Earnest money/ Security Deposit against non-execution of the work.
7. **Penalty:** Penalty @ ½ % half per cent) per week up to a maximum of 5% of the total value of the purchase order will be imposed and recovered from bill as admissible if the order is not completed within the scheduled period.
8. **Extension of time:** If the supply of the material is delayed due to reasons beyond the control of agency, the agency shall without delay give justification. The authority on receipt of such notice may agree to extend the contract due date if reasonable but without prejudice to other terms and conditions of this contract.
9. **Earnest Money Deposit:** The bidder is to deposit EMD @Rs 5000.00 (Rupees Five Thousand) only in shape of bank draft only, drawn in favour of **General Manager, EHT (O&M) Circle, Chainpal, OPTCL, payable at UCO Bank, TPS Talcher Branch, Angul**. 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.
10. **Security Deposit:** The bidder whose offer qualifies for acceptance will be awarded the Purchase Order and the contractor shall have to deposit Security-cum-performance guarantee equal to **10% (Ten percent)** of contract value in shape of Bank Draft only, in favor of **General Manager, EHT (O&M) Circle, Chainpal, payable at UCO Bank, TPS Talcher Branch, Angul**. If the security deposit is not submitted, 10% of the contract value will be deducted from the bill. The Security deposit will be released after completion of the guarantee period subject to fulfillment of guarantee stated under clause-11 on receipt of application for this purpose. No interest shall be paid to the agency towards the

security deposit so deposited by the agency. If Security Deposit not claimed for refund within a period of three years after completion of order, it will be forfeited.

11. **Guarantee:** The material supplied by the agency shall be guaranteed for satisfactory operation against defects for a period of at least 18 months from the date of delivery or 12 months from the date of installation whichever is earlier. 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 supplier on receipt of such notification shall either rectify or replace the defective equipment/material free of cost within 15 days from the date of issue of such notification. The replaced material 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 order, Security Deposit will be forfeited.
12. **Consignee:** AGM (Elect.), 400/220/132KV Grid S/S, Meramundali is the consignee & verifying officer for the work.
13. **Paying Officer:** The DGM (Elect.), EHT (O&M) Division, Meramundali is the paying officer for this contract.
14. **Jurisdiction of Court:** Dispute if any, arising against the work order issued to the contractor 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.

**DEPUTY. GENERAL MANAGER, (Elect.)  
EHT (O&M), DIVISION, MERAMUNDALI**

## SECTION - IV Technical Specifications

### 1. General Technical Requirements:

All casting shall be free from shrinking, blow holes, surface blisters, cavities, cracks, other defects and quality of product shall be uniform throughout. All sharp edges and corners shall be blurred and rounded off.

- 1.1 Assembly shall be designed and manufactured in such a way so as to have easy installation and minimum contact resistance.
- 1.2 The fittings offered shall be inherently resistive to atmospheric corrosion or be suitable to protect against corrosion both during storage as well as in service.
- 1.3 The clamps/ connector shall not cause any damage to the conductor in any way.
- 1.4 All bolts, clamps, etc. shall have suitable locking arrangements to safe guard against vibration and loosening.
- 1.5 Minimum thickness of any part shall be 12 mm or as per required specification, whichever is more.
- 1.8 The terminal connectors suitable for conductor shall be bolting type, unless otherwise indicated and gripping not less than 100 MM.
- 1.9 The required bolts and nuts for terminal connector must be MS HDG in line with submitted desired technical particulars with suitable check nut.
- 1.10 No Nuts & bolts shall be less than 12 mm size.

### 2. Specific Requirements:

- 2.1 Clamps and fittings shall be so designed that the equipment shall not subject to any abnormal stress due to thermal changes in conductor. Wherever possible they shall be in two separate halves. No 'U' bolts shall be used.
- 2.2 The data in respect of bus bars and equipment for which clamps and connectors are required shall be given to the successful bidder.

#### 2.3 MATERIAL:

The clamps and connectors shall be made of materials listed below:

- i) For connecting AAAC conductor aluminium alloy casting conforming to designation A6 of IS: 617.
  - ii) Bolts, nuts, plain washers and spring washers for all items: Hot dip galvanized mild steel of any approved make.
  - iii) Split pin shall be made of stainless steel.
- 2.4 The clamps shall be designed to withstand the flow of 3150 Amp continuous current. The temperature rise when carrying full load current shall not exceed 45°C above site ambient temperature of 45°C.

### 3. Standards

The terminal connectors shall conform strictly to the requirements of the latest version of the following standards as amended up-to-date, except where specified otherwise.

- i) IS: 5561 Power Connectors.
- ii) IS: 617 Aluminium & Aluminium Alloy.
- iii) IS: 2629 Recommended Practice for hot dip galvanizing of iron and steel.
- iv) IS: 2633 Method of testing uniformity of coating of zinc coated articles.

The materials conforming to any other authoritative standards which ensure equal or better performance shall also be acceptable. The salient point of these specifications and points of difference between these and the above specifications, shall be clearly brought out in the bid.

### SUBMISSION OF SAMPLE:

**The Bids must be accompanied with the selected samples from the schedule of quantity.** The specimen samples shall be inspected by a sample scrutiny committee formed by this office consisting of designated officer of OPTCL before finalization of tender. If required, the bidder or their authorised representatives may be informed to remain present during scrutiny of samples. The samples shall be evaluated based on the quality of the materials as per the technical specifications. The bidders whose samples are approved by the committee, shall be considered for price comparison. **In no case, the bidders shall be allowed for change of sample.**



**SECTION - V**

Annexure –I

**Schedule of Quantity**

<b>Sl No.</b>	<b>Item description</b>	<b>Unit</b>	<b>Qty.</b>
1.	Flat Type Spacer for Twin Moose Conductor with spacing 250mm	No.	120
2.	Aluminium Pad Clamp for AAAC Moose equivalent conductor(offset type) – 6 Bolted	No.	138
3	Aluminium Clamp for Twin Moose Run and Twin Moose Drop with spacing 450mm	No.	72

Annexure –II

**SCHEDULE OF PRICE**

<b>Sl. No.</b>	<b>Description of material</b>	<b>Unit</b>	<b>Qty. Req.</b>	<b>Unit Price (Rs)</b>	<b>Amount (Rs)</b>
1	Flat Type Spacer for Twin Moose Conductor with spacing 250mm	No.	120		
2	Aluminium Pad Clamp for AAAC Moose equivalent conductor(offset type)-6 Bolted	No.	138		
3	Aluminium Clamp for Twin Moose Run and Twin Moose Drop with spacing 450mm	No.	72		
				Total Amount =	
				GST @ =	
				Total Amount (Inclusive GST) =	
				Or Say	

***Schedule of Price (In word)***

(Rupees.....  
.....) only.

**Date**  
**Place**

**Signature of the Tenderer**

**with seal.**

**DETAILED DATA SHEET  
TO BE FURNISHED BY THE TENDERERS**

1	Name of the Agency/ Contractor with detailed Postal Address:  Contact No.: Email Address:	
2	Cost Tender Paper- Rs. 2000/- + 18% GST=Rs.2360/- (Rupees Two thousand three hundred sixty) only	BD/MR No- Date-
3	EMD-Rs.5000.00 (Rupees Five Thousand only)	BD/MR No- Date-
4	Attested copy of GST Certificate furnished	GST No.....
5	Attested copy of PAN Card	PAN No.....
6	Authorized Manufacturer/ Dealer Certificate	
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 order as per the tender specification	Yes / No
10	Agreed to accept penalty clause as per the tender	Yes / No
11	Whether recent type test certificates from any Government approved laboratory are furnished or not	Yes / No
12	Attach past experience certificate for similar job in OSEB/ GRIDCO/ OPTCL or any other agencies	Yes / No
13	Agreed to keep validity of the offer 03 months from the date of tender opening without any variation in tender clause.	Yes / No

Date

Signature of the Tenderer  
with seal

**ANNEXURE IV**

**LETTER OF AUTHORIZATION FOR ATTENDING BID OPENING**

Tender No: OTCN-05/2024-25

Date:

To,

The Dy. General Manager (Electrical),  
EHT (O&M) Division, OPTCL,  
Meramundali

Subject: Authorization for attending bid opening on..... (Date) in the Tender OTCN-05/2024-25 for .....on contract (Outsourced) basis to OPTCL (tender specification no :.....)

Dear Sir,

Following persons are hereby authorized to attend the bid opening for the tender mentioned above on behalf of..... (Bidder) in order of preference given below.

Order of Preference	Name	Specimen Signature
---------------------	------	--------------------

1.

2.

(Specimen Signature duly attested)

Officer authorized to sign the bid documents on behalf of the bidder.

Yours faithfully,

Date:

Place:

Signature of authorized person

Full Name:

Seal

Note:

1. Only one representative shall be allowed.
2. Permission for entry to the hall where bids are opened may be refused in case authorization as prescribed above is not produced.

**SECTION - VI**

**BID SECURITY DECLARATION FROM**

To,  
The **Dy. General Manager (Elect.)**,  
EHT (O&M) Division, Meramundali.

I/ We, the authorized signatory of M/s ..... ,  
participating in the subject tender no. ....for the item / job of  
....., do hereby declare:

- (i) That I / we have availed the benefit of waiver of EMD while submitting our offer against the subject Tender and no EMD being deposited for the said tender.
  
- (ii) That in the event we withdraw / modify our bid during the period of validity Or I/we fail to execute formal contract agreement within the given timeline OR I/we fail to submit a Performance Security within the given timeline Or I/we commit any breach of Tender Conditions / Contract which attracts penal action of forfeiture of Security Deposit and I/we will be suspended from being eligible for bidding / award of all future contract(s) of EHT (O&M) Division, OPTCL, Meramundali for a period of three years from the date of committing such breach.

**Signature and Seal of Authorized Signatory of bidder**  
**Name of Authorized Signatory.....**  
**Company Name.....**