



ଓଡ଼ିଶା ବିଦ୍ୟୁତ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିଃ.
ODISHA POWER TRANSMISSION CORPORATION LTD.

(A Government of Odisha Undertaking)

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

EHT (O&M) DIVISION, DHENKANAL

At/Po- Gundichapada, PIN-759025, Dhenkanal (Odisha)

[CIN: U4102OR2004SGC007553](#)

[/ GSTN: 21AAACO7873L1Z6](#)

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

TENDER SPECIFICATION
No. 04/2024-2025

for

“PROCUREMENT OF FRP DISCHARGE ROD REQUIRED AT DIFFERENT GRID
SUB-STATION UNDER EHT (O&M) DIVISION, DHENKANAL”

Issuing authority	Dy. General Manager (Elect.), EHT (O&M) Division, Dhenkanal
Date of Sale of Tender Paper	17-10-2024 (10:00AM) to 05-11-2024 (Up to 11:00AM)
Last Date of submission of Tender Paper (Both Technical & Financial Bid)	05-11-2024 (Up to 12:00PM)
Date of Opening of Tender Sample scrutiny & verification of test report (Only Technical Bid)	05-11-2024 (At 12:00 PM)
Date of Opening of Financial Bid (Those who Qualify in Technical Bid only)	05-11-2024 (At 03:00 PM)
Cost of Tender Paper (non-refundable)	Rs. 2360.00 (Including 18% GST)
EMD (Refundable)	Rs. 5000.00 (Rupees Five Thousand Only)
Estimated Amount (Inclusive of GST @18%)	Rs. 4,97,724.00 (Rupees Four Lakh Ninety-Seven Thousand Seven Hundred Twenty-Four Only)

ISSUED TO

M/S.....

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**TENDER SPECIFICATION FOR TENDER CALL
NOTICE NO. -04/2024-25
OF EHT (O&M) DIVISION, DHENKANAL
INDEX**

1.	SECTION – I	Instruction to Bidders
2.	SECTION – II	General terms & condition
3.	SECTION – III	Technical Specifications
4.	SECTION – IV	List of Annexures
	ANNEXURE – I	Price Schedule
	ANNEXURE – II	Technical Schedule
	ANNEXURE – III	Detail Data Sheet
5.	COST OF TENDER PAPER (Non-refundable)	Rs. 2000/- + 18%GST=Rs.2360/- (Rupees Two Thousand Three Hundred Sixty) only by Bank Draft only drawn in favor of General Manager, EHT(O&M) Circle, Chainpal OPTCL, payable at UCO bank, TPS Talcher Branch, Thermal Power Station, Talcher, Odisha.
6.	EMD	Rs. 5000.00 (Rupees Five Thousand) only
7.	SALE OF TENDER PAPER	17-10-2024 (10:00AM) to 05-11-2024 (Up to 11:00AM), during office hours available in the office of the Deputy General Manager (Ele.), EHT (O&M) Division, OPTCL, Dhenkanal.
8.	Last Date of submission of Tender Paper (Both Technical & Financial Bid)	05-11-2024 (Up to 12:00PM)
9.	Date of Opening of Tender Sample scrutiny & verification of test report (Only Technical Bid)	05-11-2024 (At 12:00 PM)
10	Date of Opening of Financial Bid <i>(Those who have Qualified in Technical Bid only)</i>	05-11-2024 (At 03:00 PM)
Tender posted by the registered post should be reached at:		Odisha Power Transmission Corporation Ltd., Office of the Deputy General Manager, EHT (O&M) Division, Dhenkanal, At/Po- Gundichapada, Dhenkanal-759025, Odisha

SECTION - I

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 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 super-scribed as **“Tender call Notice No. 04/2024-25: Procurement of Telescopic FRP Earth Discharge Rod required for GSS Under EHT (O&M) Division Dhenkanal on or before Dt. 05-11-2024 (12.00PM) & opening at 12:00PM on same day and addressed to the Deputy General Manager, EHT (O&M) Division, Dhenkanal.**
- 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 Deputy General Manager, EHT (O&M) Division, Dhenkanal, At/Po- Gundichapada, Dhenkanal, Odisha-759025.** 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 Rs 100.00 along with the tender paper cost.

2. (i) Bid Documents:

Technical Bid:

- (a) **Tender Papers along with Technical Schedule (Annexure-II) & Data sheet (Annexure-III) -01 Set (all pages signed by bidder)**
- (b) **Money receipt of Tender paper Purchased (original & a Photocopy)**
- (c) **Self attested Photocopy of PAN-01no**
- (d) **Self attested Photocopy of GST-01no**
- (e) **Technical Datasheet of the equipment provided by the manufacturer.**
- (f) **Type Test Report/ Certificate from STL/ NABL accredited Laboratory**

Price Bid:

- (a) **Price Schedule (Annexure-I)- 01 set**

Price Bid & Technical bid documents shall be submitted separately in sealed envelope superscribed only by “Tender Call Notice No., Date of Opening of the tender and the type of Bid (technical bid or financial bid). Bid Documents are compulsory otherwise bid will be treated as cancelled.

(ii) **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.

3. 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.

4. 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.

5. 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. Orders may also be split up between different Tenderers on individual merits of the Tenderer. The authority has exclusive right to alter the order at the time of placing final work order. It may be clearly understood by the Tenderer that the authority need not assign any reason for any of the above action[s].

6. EVALUATION OF TECHNO-COMMERCIAL BID:

Order on the firm will be placed on the basis of L1 evaluated price in the financial bid. Bidders those who qualify technical bid are only allowed to participate in price bid. A technical committee will evaluate all the technical parameters of the equipment quoted by bidder, verify the test report, scrutinize the equipment physically at the time of opening of technical bid.

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.

7. 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 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.

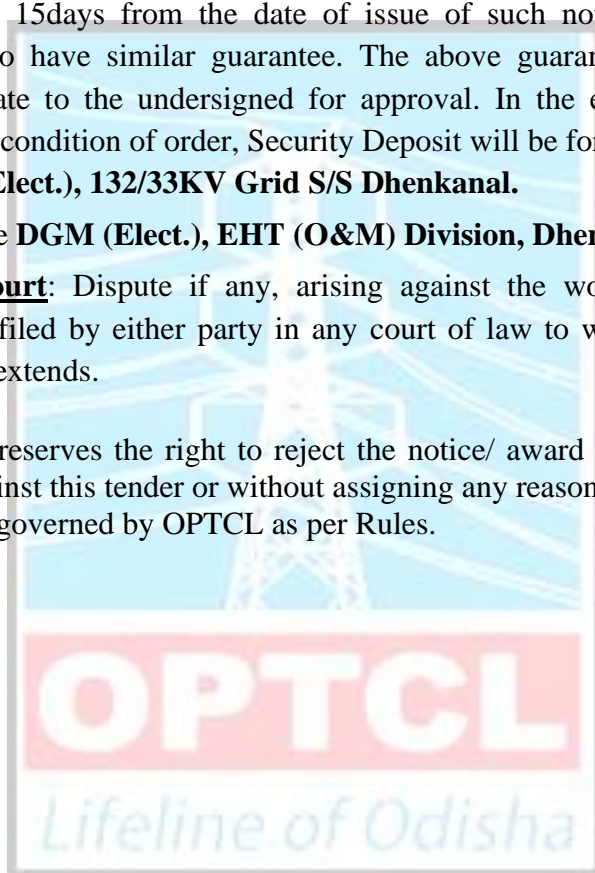
GENERAL TERMS AND CONDITIONS

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-I, Section IV**. 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 completion report duly verified by the concerned inspecting officer.
5. **Delivery:** The material should be supplied within 45 days from the date of order and to be supplied as per the delivery schedule, Section-III (B). If the supply could not be completed within scheduled date due to any valid reason, then completion period may be extended on written request by the Bidder. If the order is not completed within the stipulated period, then the penalty should be imposed as per clause No.06 of SECTION-II. Order shall be liable for cancellation with forfeiture of Earnest money/ Security Deposit.
6. **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 dues admissible if the order is not completed within the scheduled period.
7. **Extension of time:** If the supply of the material is delayed due to reason 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.
8. **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.
9. **Security Deposit:** The tenderers whose offer qualifies for acceptance will be awarded Supply 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 two

months of completion of the guarantee period subject to fulfillment of guarantee stated under clause-10 on a 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.

10. **Guarantee:** The material supplied by the agency shall be guaranteed for satisfactory operation against defects for a period of 12 months from the date of delivery. 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 faulty 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 15days 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.
11. **Consignee:** SDO (Elect.), 132/33KV Grid S/S Dhenkanal.
12. **Paying Officer:** The DGM (Elect.), EHT (O&M) Division, Dhenkanal.
13. **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.



A. TECHNICAL SPECIFICATIONS

Technical Specification of Telescopic FRP Earth Discharge Rod	
For 220 kV System Voltage	
System voltage	220 kV
Cable length	10 mtr
Make	BEIMCO/ E-SAFE/ MECO
Material	FRP pultruded
Surface	smooth & glossy
Colour	Red (preferable)/ Yellow
Design	Telescopic type
Glass content	60%
Locking	Push button type
Standard	IEC 60060
EHV type test Voltage	510 KV
Total section	3
Assembly length	18 feet
Top Section FRP Dia	32 mm
Bottom Section FRP Dia	45 mm
Discharge Head Contact	Die cast Aluminium Discharge Head Suitable for Grip up to 50 mm with user friendly locking arrangement
Earthing Clamp	Die cast Aluminium Grounding C clamp with manual tightening arrangement Suitable for Grip up to 50 mm.
Earthing Cable	ISI marked PVC insulated flexible multistrand 440/1100 V-grade transparent copper cable 35 Sq. mm as per IS 694(10 mtr)
Grip	Rubber
FRP safe guard on top & bottom section.	
Canvas cover to carry the instrument	
For 132 kV System Voltage	
System voltage	132kV
Cable length	10 mtr
Make	BEIMCO/ E-SAFE/ MECO
Material	FRP pultruded
Surface	smooth & glossy
Colour	Red (preferable)/ Yellow
Design	Telescopic type
Glass content	60%
Locking	Push button type

Standard	IEC 60060
EHV type test Voltage	460 KV
Total section	3
Assembly length	15 feet
Top Section FRP Dia	32 mm
Bottom Section FRP Dia	45 mm
Discharge Head Contact	Die cast Aluminium Discharge Head Suitable for Grip up to 50 mm with user friendly locking arrangement
Earthing Clamp	Die cast Aluminium Grounding C clamp with manual tightening arrangement Suitable for Grip up to 50 mm.
Earthing Cable	ISI marked PVC insulated multistrand 440/1100 V-grade transparent copper cable 35 Sq. mm as per IS 694(10 mtr)
Grip	Rubber
FRP safe guard on top & bottom section.	
Canvas cover to carry the instrument	

N.B:

1. TENDERER HAS TO BRING ONE SAMPLE OF EACH ITEM (i.e. 01 NO OF 132KV DISCHARGE ROD AND 01 NO OF 220KV DISCHARGE ROD) ON THE DAY OF TECHNICAL BID OPENING, WITHOUT SAMPLE THEIR TENDER WILL NOT BE ENTERTAINED.
2. ALL THE CERTIFICATES AND TEST REPORTS SHOULD BE VALID FOR THE DURATION OF TENDER OPENING UP TO TENDER FINALIZATION.

B. DELIVERY SCHEDULE

Sl. No.	Name of the GSS	No. of 220kV Discharge Rod	No. of 132kV Discharge Rod
1	132/33kV GSS Dhenkanal		6
2	132/33kV GSS Khajuriakata		6
3	132/33kV GSS Kharagprasad		6
4	132/33kV GSS Gondia		3
5	132/33kV GSS Kalarangi		4
6	132/33kV GSS Kamakhyanagar		6
7	220/132/33kV GSS Goda	6	3

N.B.: Materials to be supplied at concerned Grid Sub-Station by the contractor.

SECTION - IV**Annexure –I****PRICE SCHEDULE**

Sl. No.	Name of the Materials	Unit	Quantity	Unit Price (Rs)	Total Amount (Rs)
1	FRP telescopic earth discharge Rod For System Voltage up to-220 kV Make- E-SAFE/ BEIMCO/ MECO (As per Technical Specification in Section-III of Tender Document)	No	6		
2	FRP telescopic earth discharge Rod For System Voltage up to-132 kV Make- E-SAFE/ BEIMCO/ MECO (As per Technical Specification in Section-III of Tender Document)	No	33		
	TOTAL				
	Add GST @ 18%				
	Grand Total				
	Or Say				

Schedule of Price

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

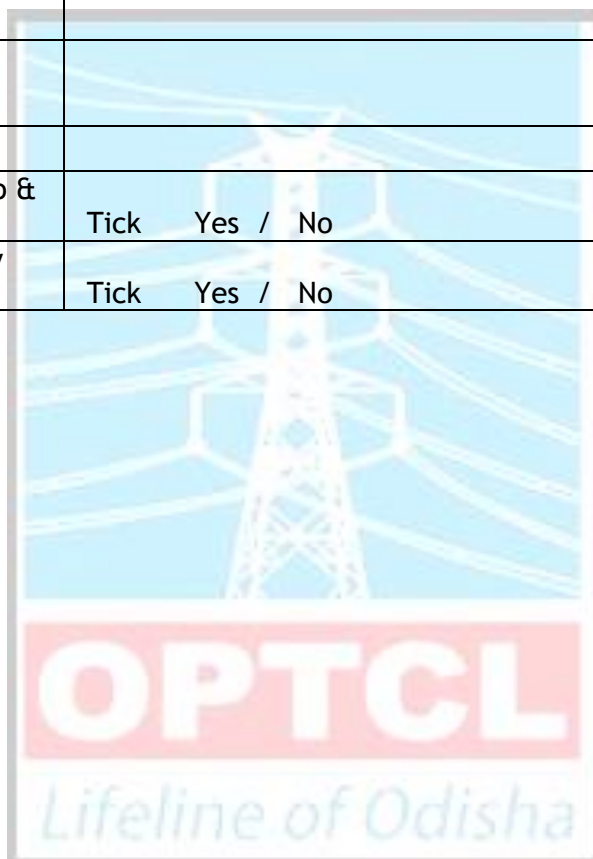
Date**Place****Signature of the Tenderer****with seal.****Dy. General Manager****EHT (O&M) Division, OPTCL****Dhenkanal**

TECHNICAL SCHEDULE

Technical Specifications of Discharge Rod furnished by the tenderer

Technical Specification of Telescopic FRP Earth Discharge Rod	
For 220 kV System Voltage	
System voltage	
Cable length	
Make	
Material	
Surface	
Colour	
Design	
Glass content	
Locking	
Standard	
EHV type test Voltage	
Total section	
Assembly length	
Top Section FRP Dia	
Bottom Section FRP Dia	
Discharge Head Contact	
Earthing Clamp	
Earthing Cable	
Grip	
FRP safe guard on top & bottom section.	Tick Yes / No
Canvas cover to carry the instrument	Tick Yes / No
For 132 kV System Voltage	
System voltage	
Earthing Cable length	
Make	
Material	
Surface	
Colour	
Design	

Glass content	
Locking	
Standard	
EHV type test Voltage	
Total section	
Assembly length	
Top Section FRP Dia	
Bottom Section FRP Dia	
Discharge Head Contact	
Earthing Clamp	
Earthing Cable	
Grip	
FRP safe guard on top & bottom section.	Tick Yes / No
Canvas cover to carry the instrument	Tick Yes / No



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-
3	EMD-Rs.5000.00 (Rupees Five Thousand only)	BD/MR No-
4	Attested copy of GST Certificate furnished	GST No.....
5	Attested copy of PAN Card	PAN No.....
6	Agreed to furnish Contract security deposit	Yes / No
7	Agreed to accept payment terms as per the tender specification	Yes / No
8	Agreed to adhere to completion of order as per the tender specification	Yes / No
9	Agreed to accept penalty clause as per the tender	Yes / No
10	Attach past experience certificate for similar job in OSEB/ GRIDCO/ OPTCL or any other agencies	Yes / No
11	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