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**ODISHA POWER TRANSMISSION CORPORATION LIMITED
OFFICE OF THE GENERAL MANAGER (ELECTRICAL)
EHT (O & M) CIRCLE, BIDYUTPURI COLONY, BERHAMPUR
Email-ehm.cle.bam@optcl.co.in**

CIN: U40102OR2004SGC007553

TENDER SPECIFICATION FOR TENDER CALL NOTICE No. 04/2020-21

FOR

**SUPPLY OF DIFFERENT TYPE CLAMPS AND CONNECTORS REQUIRED
FOR VARIOUS GRID SUB-STATIONS UNDER EHT (O&M) CIRCLE,
BERHAMPUR**

**Cost of tender paper Rs. 4000/- + 12 % GST=Rs.4,480/-
(Rupees Four Thousand Four Hundred Eighty only)**

ISSUED TO:-

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ODISHA POWER TRANSMISSION CORPORATION LIMITED
(A Government of Odisha Undertaking)
CORPORATE IDENTITY NUMBER (CIN) U40102OR2004GC007553
O/O GENERAL MANAGER, EHT (O&M) CIRCLE, BERHAMPUR
PO: ENGINEERING SCHOOL, DIST: GANJAM-760010
FAX/☎: 0680-2291905, ☎0680-2291904

TENDER NOTICE NO. 04/2020-21

For and on behalf of **ODISHA POWER TRANSMISSION CORPORATION LTD** General Manager, EHT (O&M) Circle, Berhampur, invites Sealed Tender from Manufacturer/ Suppliers (having valid Authorized Dealer Certificate) with valid I.T. PAN, GST Registration for **“Supply of different type Clamps & Connectors required for various Grid S/Ss under EHT (O&M) Circle, Berhampur”**.

Commencement of Sale of Tender Paper: - From Dated 15.10.2020 to Dated 04.11.2020 up to 04:00 PM. **(GST Registration No. is to be produced at the time of purchase of Tender Specification).**

Last Date of Submission of Tender Paper: - Dated 05.11.2020 up to 02:00 PM.

Date of Opening of Tender Paper: - Dated 05.11.2020 at 03:00 PM.

Cost of Tender Paper: - Rs.4,000 + GST @ 12 % = Rs.4,480/-

For details please visit our website www.optcl.co.in

Corrigendum if any will be published in the website only.

General Manager (Elect.)
Sd/- Raj Kishore Parida

**TENDER SPECIFICATION FOR TENDER CALL
NOTICE No. 04/2020-21
OF EHT (O & M) CIRCLE, BERHAMPUR
INDEX**

1.	SECTION – I	Instruction to Bidders
2.	SECTION – II	General terms & conditions.
3.	SECTION-III	Technical Specification
4.	ANNEXURE – I	Scope of clamps & connectors to be supplied
5.	ANNEXURE – II	Schedule of Price
6.	ANNEXURE – III	Performa for Composite Bank Guarantee for Security payment & performance
7.	ANNEXURE-IV	Detail data sheet to be furnished by the bidder.
8.	COST OF TENDER PAPER (Non-refundable)	Rs.4,000 + GST @ 12% = Rs.4,480/- (Rupees Four Thousand Four Hundred Eighty) only by Cash/ Bank Draft drawn in favour of General Manager, EHT (O & M) Circle, Berhampur payable at Berhampur, Odisha.
9.	E.M.D	Rs.8,950/- -Bank draft drawn in favour of General Manager, EHT (O & M) Circle, Berhampur payable at Berhampur, Odisha.
10.	SALE OF TENDER PAPER	From Dated 15.10.2020 to Dated 04.11.2020 up to 04:00 PM. (During office hours) available in the office of the General Manager, EHT (O & M) Circle, Berhampur
11.	LAST DATE OF RECEIPT OF TENDER PAPER	Dated. 05.11.2020 up to 02:00 PM.
12.	DATE & TIME OF OPENING OF TENDER	Dated. 05.11.2020 up to 03:00 PM



NOTICE INVITING TENDER
ODISHA POWER TRANSMISSION CORPORATION LTD.,
REGD. OFFICE: JANPATH, BHUBANESWAR – 751 022,
ODISHA, INDIA.
CIN: U40102OR2004SGC007553

TENDER NOTICE NO- 04/2020-21

<i>Sl. No</i>	<i>Tender Specification No.</i>	<i>Location Details.</i>	INDIAN RUPEES			<i>Last date of submission & Date of opening of Tender.</i>
			<i>Earnest Money Deposit. In Rs.</i>	<i>Cost of Tender Spec.Docum ent</i>	<i>Estimate Value in Rs.</i>	
1	04/2020-21	Supply of various type Clamps and Connectors required for various Grid S/Ss under EHT (O&M) Circle, Berhampur	₹8950/-	₹4,480/-	₹8,94,489	05.11.2020 up to 02:00 PM. 05.11.2020 up to 03:00 PM.

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.
- B) Tender must be submitted in sealed cover subscribed as “**Tender call Notice No. 04/2020-21 for Supply of different type of clamps and connectors required for various Grid S/Ss under EHT (O&M) Circle, Berhampur**” on or before 05.11.2020 for opening and addressed to the **O/o. General Manager, EHT (O & M) Circle, 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. 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 amount of **Rs.100.00** along with the tender paper cost. On-line downloaded tender specification documents from our OPTCL website will not be accepted.
- D) The bidder is to deposit EMD in shape of Bank Draft drawn in favour of **General Manager, EHT (O & M) Circle, Berhampur.** The EMD of successful tenderer will be refunded on written request, but 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 Tenderers should be order suppliers with valid Authorized dealership Certificate/ Manufacturer. The bidders may submit the copy of past experience if any regarding supply of similar materials to GRIDCO/ OPTCL or any other state or central PSUs.

3. FORFEITURE OF EMD:

- A) In the event the successful tenderer fails to accept the Purchase Order issued in his favour or to execute the order, placed on him, 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 PAN card/ TIN/ GST Registration Certificate & Authorized dealership Certificate (In case of Supplier) 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.
6. The purchaser may alter the quantities of materials at the time of placing orders. Orders may also be split up among more than one tenderer if necessary. **The purchaser reserves the right to reject the lowest or any other Tender or all tenders without assigning any reason what so ever.**
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 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.

GENERAL TERMS AND CONDITIONS

1. **Scope of contract:-** The scope of contract shall be to deliver materials at destination in accordance with the enclosed Technical Specification (Section-III) and as per schedule of requirement (Annexure-I) but as per samples available.
2. **Manner of execution:** - All materials should be supplied under the contract shall conform to the latest publication of relevant IS specification.
3. **Validity:** Tenderers are requested to keep the validity of their offer for a period of **180 days** from the date of opening of tender.
4. **Price:** The price quoted by tenderer should be firm, F.O.R. destination inclusive of freight, Insurance, Packing, Forwarding charges etc.
5. **Taxes:** Taxes, if any shall be mentioned extra.
6. **Terms of Payment:** 100% payment with taxes etc. shall be made within 45 days after receipt of materials in full and in good condition & verification thereof by the consignee.
7. **Delivery:** The materials in full quantity shall be delivered at destination within 20days from the date of issue of the purchase order, failing which purchase order shall be liable for cancellation with forfeiture of Earnest money/ Security Deposit.
8. **Penalty:** If the supplier shall fail to deliver the materials within the delivery period as stipulated under clause No. 7 (Section-II) of this Tender document or any extension granted there to, the purchaser shall recover from the supplier penalty for a sum of half percent (i.e. 0.5 percent) of the contract price for each calendar week or part thereof of delay. However the total amount of penalty shall not exceed 5% (five percent) of the contract/ undelivered items price. Materials will be deemed to have been delivered only when all the materials are delivered. If certain items are not delivered in time, the supply will be treated as delayed until such time the missing/ undelivered items are delivered .
9. **Extension of time:** If the delivery of materials is delayed due to reason beyond the control of supplier, the supplier shall without delay give justification. The purchaser 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.
10. **EMD:** The tenderers are requested to deposit EMD in shape of D.D. Drawn in favour of **General Manager, EHT (O & M) Circle, Berhampur**. The tender without EMD will be liable for rejection. The D.D for the EMD should be enclosed along with original tender paper.
11. **Security Deposit:** The tenderers whose offer qualifies for acceptance will be awarded Purchase Order and the supplier shall have to be deposit Security-cum-performance guarantee equal to 10% (Ten percent) of ordered value in shape of Bank Draft or a composite Bank Guarantee in favour of **paying officer within 7 days from the date of issue of Purchase order.**

Or

The same amount will be deducted from bill by the Paying Officer on written request by the supplier addressed to paying officer.

Or

A composite Bank Guarantee as per the proforma enclosed at **Annexure-III** of the specification for 10% of the ordered value shall be furnished to the Paying officer with in 07 days from the date of issue of the Purchase Order for scrutiny and acceptance , failing which the purchase order will be liable for cancellation without any further written notice.

The BG shall be executed on non-judicial stamp paper as per prevailing rule & the same will be valid for a period of 14 months from the date of supply of the material. The BG shall be accompanied by a confirmation letter from the concerned bank & should have provision for encashment at Berhampur, before the Bank Guarantee is accepted & all concerned intimated. The B.G should be revalidated as & when intimated to you to cover the entire Guarantee Period.

The Security deposit will be released after two months of completion of the guarantee period subject to fulfillment of guarantee stated under clause-12 of section-II, on a receipt of application for this purpose. No interest shall be paid to the supplier towards the security deposit, so deposited by the supplier.

- 12. Guarantee:** The materials covered under this contract should be guaranteed for trouble free and satisfactory performance against any defect in design, materials and workmanship for a Period of at least **18 (Eighteen) months from the last date of delivery or 12 (Twelve) months from the date of delivery**, whichever is earlier. Any defect noticed during this period should be rectified / replaced by the firm free of cost provided such defects are due to faulty design, bad workmanship or bad materials used. The replaced materials should also have similar guarantee. In the event of any breach on default in all or any condition of purchase order Security Deposit will be forfeited.
- 13. Insurance:** Insurance of materials is to be done by the supplier at their own cost. The responsibility of delivery of the materials at destination in good condition rests with the supplier. Any claim with the insurance company Railway authority/ Road transport authorities arises due to loss or damage in transits has to be settled by the supplier. The supplier shall undertake free replacement of materials damage or lost which will be reported by the consignee within 30 Days of the receipt of the materials at destination without waiting for the settlement of the claims with the carriers.
- 14. Despatch Instruction:** The materials should be securely packed and dispatched by Rail/ road Transport to **220/132/33KV Grid Sub-Stations, Narendrapur**. The cost of transportation will be borne by the supplier.
- 15. Consignee:** - The **SDO, Grid Sub-Station, Narendrapur** is the consignee & verifying officer for the contract.
- 16. Paying Officer:** The **DGM, EHT (O&M) Division, Berhampur** is the paying officer for this contract.
- 17. Submission of GST Registration No & PAN:**-Clear attested Xerox copies of PAN issued by the competent authority, & valid GST Registration on the date of opening of tender should be submitted along with the tender document, failing which the tender will be rejected. The supplier may be requested to produce original PAN card & GST Clearance certificate at the time of opening of the tender. Those who fail to produce the same & found not to be valid on the date of opening of the tender, their tender should be rejected.
- 18. Submission of Sample:**-

The bidders have to submit their samples in complete shape of each item mentioned in the scope of clamps & connectors to be supplied (Annexue-I) along with type test Certificate of the manufacturer / Govt. recognized Laboratory in respect of the offered items in the office of the undersigned while submitting their Tender Paper, failing which the Tender shall be rejected.

The Samples shall be inspected by the Sample Scrutiny Committee in presence of

the bidders or their authorized representative on a date after opening of the Tender & the said date will be intimated to the participants on due course. The Sample (all/part) of the suppliers, which found to be in order as per Tender Specification & as per samples available at this office shall be considered for evaluation of the offer

19. **Past Experience of supply, Performance certificate**:- Past experience of execution of purchase order relating to supply of similar type of material need to be furnished by the bidders.
20. **Deviation in specification**:- If any change in the technical parameters equivalent to the above specification may be clearly mentioned separately.
21. **Test Certificate**:- Necessary manufacturer certificate / test certificate in respect of materials cover under the purchase order shall be submitted before the despatch of materials for approval. Test certificates in respect of material should confirm to relevant IS specification. The test certificate from ISI approved testing laboratory will also be accepted as and when applicable. The type test reports shall not be older than five years & shall be valid up to expire of the validity of the offer.
22. **Supplier responsibility**: Non-withstanding anything mentioned in the specification or subsequent approval or acceptance of the purchase, the ultimate responsibility of the design & satisfactory performance of the materials shall rest with the tenderer.
23. **Standers**: The materials should confirm to the latest publication of relevant I.S.S.
24. **Submission of proof regarding Manufacture Certificate/ Authorized Dealership Certificate**: Legible Xerox copies of necessary Manufacture's Certificate/ Authorized Dealership Certificate should be furnished along with the Tender. If required, the firms may be requested to produce such original certificates for verification. Past experience of execution of purchase orders of similar type materials to be furnished by the bidders.
25. **Jurisdiction of Court**:-Dispute if any, arising against the supply order issued to the supplier 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.

TECHNICAL SPECIFICATION**1. Scope:-**

This specification covers the design, manufacture, assembly, inspection, testing, packing and delivery of PG Clamps suitable for ACSR Zebra Conductor/ACSR Moose as mentioned in Annexure-I. The material offered shall be complete with all components that are necessary for efficient operation. Such parts shall be deemed to be within scope of the supply whether specifically mentioned or not. The Clamps and Connectors to be supplied shall conform in all respect to the highest standard of engineering, design, and workmanship and shall be capable of performing trouble free continuous operation.

2. Climatic Conditions:-

The overall climate is moderate hot, humid, tropical, highly polluted and conducive to rust and fungus growth. The clamps & connectors shall be given tropical and fungicidal treatment and shall be capable of satisfactory operation under the hot and humid climatic conditions that would prevail at sites. The climatic conditions are prone to wide range of variation in ambient conditions.

3. 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.
4. The Clamps & Connectors shall be designed and manufactured in such a way so as to have minimum contact resistance.
5. The clamps offered shall be inherently resistive to atmospheric corrosion or be suitable to protect against corrosion both during storage as well as in service.
6. The clamps & connectors shall not cause any damage to the conductor in any way.
7. No part of a clamp shall be less than 15 mm thick for fittings with ACSR Zebra /ACSR Moose conductor.
8. All ferrous parts shall be hot dip galvanized conforming to IS:2633.
9. Clamps shall be designed to be corona free in accordance with the requirements stipulated in IS: 5561
10. The required bolts and nuts for the clamps must be hot dip galvanized/stainless steel.

11. Material:-

The clamps & connectors shall be made of materials listed below:-

- i) For connecting ACSR Zebra /ACSR Moose aluminum conductor alloy casting conforming to designation A6 of IS: 617.
 - ii) Bolts, nuts, plain washers and spring washers for the item: Hot dip galvanized mild steel/stainless steel.
12. The clamps & Connectors shall be designed to withstand the flow of continuous current as follows:
ACSR Zebra/ACSR Moose Conductor- 2000 Amp
The temperature rise when carrying full load current shall not exceed 45°C above site ambient temperature of 40°C.

13. Designs:-

Responsibility of satisfactory design of the clamps to safely withstand the specified mechanical stresses and carry the rated current without exceeding the temperature rise specified, shall solely rest with the bidder. For this purpose, a minimum factor of safety 2 (two) shall be taken into account.

14. Test:-

The clamps shall be subjected to following Type, Acceptance and Routine Tests.

15. Clamps & Connectors IS:5561 –(1970):-

Type Test:-

- I. Tensile test:
- II. Resistance test:
- III. Temperature rise test. :
- IV. Short time current test:
- V. Dimensional check:
- VI. Galvanizing test:
- VII. Corona test:

16. Type Test Certificates:-

(a) True copies of all the Type Test Certificates of Govt. recognized Laboratory in respect of the offered item only shall be furnished with the offer.

(b) Offers without samples and type tests reports will be out rightly rejected.

17. General:-

a). All ferrous parts shall be hot dip galvanized, after all machining has been completed. Nuts may however be tapped (threaded) after galvanizing and the threads oiled. Spring washers shall be electro-galvanized. The bolt threads shall be undercut to take care of the increase in diameter due to galvanizing. Galvanizing shall be done in accordance with IS-2629-1985 and shall satisfy the tests mentioned in IS2633-1986.

b). The zinc coating shall be perfectly adherent of uniform thickness, smooth, reasonably bright, continuous and free from imperfections such as flux, ash, rust stains, bulky white deposits and blisters. The zinc used for galvanizing shall be of grade Zn 99.95 as per IS 209-1979.

c). All current carrying parts shall be so designed and manufactured that contact resistance is reduced to minimum.

Mechanical design:-

The Aluminum alloy should be based on Aluminum – Magnesium – Silicon system. The physical properties of the Aluminum Alloy is as follows:

- (1) Melting temperature = 620°C.
- (2) Density = 2.7 Kg / dm³.
- (3) Co-efficient of linear expansion per °C = 23 X 10⁻⁶
- (4) Modules of elasticity in Kg / mm² = 5200 to 5600.
- (5) Surface hardness = 80 BHN.

TECHNICAL PARTICULARS.

- (1) The clamps & connectors with accessories should be as per samples available.
- (2) The clamps & Connectors should be as per IS: 5561, 1970.
- (3) The clamps should be suitable for ACSR Zebra or ACSR Moose Conductor for some clamps & connectors as per **Annexure-I** .
- (4) All sharp corners should be rounded off.
- (5) All ferrous parts are to be electro galvanized.
- (6) Contact surface are to be machine finished.
- (7) Short time current rating should be 40 KA for 1 sec.
- (8) Max. Temperature rise should be 35°C over ambient temperature 50°C at rated current of ACSR Zebra /ACSR Moose Conductor
- (9) All nuts & bolts should be electro galvanized passivity with Zinc Chromate Solution.

General Manager (Elect.)
EHT (O&M) Circle, Berhampur

Annexure – I
SCOPE OF CLAMPS & CONNECTORS TO BE SUPPLIED

SI No.	List of Clamp	Qty.	Unit
1	2 bolted PG Clamp for ACSR Zebra-Zebra	60	No.
2	3 bolted PG Clamp for ACSR Zebra-Moose	130	No.
3	2 bolted PG Clamp for ACSR Moose-Moose	30	No.
4	3 bolted PG Clamp for ACSR Moose-Moose	40	No.
5	T-Clamp ACSR Panther Run ACSR Zebra Drop (12bolted)	50	No.
6	T-Clamp ACSR Moose Run ACSR Zebra Drop (12bolted)	10	No.
7	T-Clamp ACSR Moose Run ACSR Moose Drop(12bolted)	40	No.
8	T-Clamp ACSR Zebra Run ACSR Zebra Dorp(12bolted)	65	No.
9	132KV Isolator PAD Clamp for ACSR Zebra without hole in the pad but supply of 4nos. Nut & bolt for the pad	116	No.
10	33KV Isolator PAD Clamp for ACSR Zebra conductor without hole in the pad but supply of 4nos. Nut & bolts required for the pad	26	No.
11	132KV Isolator PAD clamp (Bimetallic) suitable for ACSR Moose Conductor without hole in the pad but supply of 4nos. Nut & bolts for the pad	10	No.
12	132 KV Isolator PAD clamp (Bimetallic) suitable for ACSR Zebra Conductor without hole in the pad but supply of 4nos. Nut & bolts for the pad	20	No.
13	220KV Isolator PAD clamp (Bimetallic) suitable for ACSR Moose Conductor without hole in the pad but supply of 4nos. Nut & bolts for the pad	30	No.
14	33KV Isolator PAD Clamp for ACSR Zebra without hole in the pad but supply of 4nos. Nut & bolt for the pad	26	No.
15	132KV Breaker PAD Clamp for ACSR Zebra Conductor without hole in the pad but supply of 4nos. Nut & bolt for the pad	35	No.
16	132KV Breaker Pad Clamp for ACSR Moose Conductor without hole in the pad but supply of 4nos. Nut & bolt for the pad	10	No.
17	33KV VCB PAD CLAMP suitable for ACSR Zebra Conductor without hole in the pad but supply of 4nos. Nut & bolts required for the pad	49	No.
18	33KV VCB PAD clamp for ACSR Moose Conductor without hole in the pad but supply of 4nos. Nut & bolts required for the pad	10	No.
19	L PAD CLAMP for ACSR Zebra Conductor without hole in the pad but supply of 4nos. Nut & bolts required for the pad	50	No.
20	Straight through clamp suitable for CVT stud to Zebra Conductor with stud side Bimetallic & without hole in the pad but supply of 4nos. Nut & bolts required for the pad	49	No.
21	Copper Stud Clamp (With provision of Thread)suitable for 33 KV side Bushing stud of Transformer including providing Bimetallic Pad clamp	40	No.

22	Copper Stud Clamp suitable for 132 KV side Bushing stud of Transformer including providing Bimetallic Pad clamp	34	No.
23	Four bolted Bimetallic Pad clamp suitable for 132KV side NCT of Transformer	10	No.
24	Four bolted Bimetallic Pad clamp suitable for 33KV side NCT of Transformer	10	No.
25	Copper Stud Clamp suitable for 132 KV side Neutral Bushing stud of Transformer including providing Bimetallic Pad clamp	5	No.
26	Copper Stud Clamp suitable for 33 KV side Neutral Bushing stud of Transformer including providing Bimetallic Pad clamp	5	No.
27	132 KV Bimetallic CT stud clamp for ACSR Zebra	40	No.
28	33 KV Bimetallic CT stud clamp for ACSR Zebra	71	No.
29	132kKV PI Clamp for PI to ACSR Zebra	6	No.
30	33kKV PI Clamp for PI to ACSR Zebra	22	No.
31	33KV LA Clamp	20	No.

N.B: The dimension & specification of all the above clamps & Connectors must be as per samples available in the office of the undersigned & as per specification specified in the Technical Specification (Section-III).

**General Manager (Elect.)
EHT (O&M) Circle, Berhampur**

Annexure-II

SCHEDULED OF PRICE

SI No.	List of Clamp	Qty.	Unit	Unit price in Rs.	Amount in Rs.
1	2 bolted PG Clamp for ACSR Zebra-Zebra	60	No.		
2	3 bolted PG Clamp for ACSR Zebra-Moose	130	No.		
3	2 bolted PG Clamp for ACSR Moose-Moose	30	No.		
4	3 bolted PG Clamp for ACSR Moose-Moose	40	No.		
5	T-Clamp ACSR Panther Run ACSR Zebra Drop (12bolted)	50	No.		
6	T-Clamp ACSR Moose Run ACSR Zebra Drop (12bolted)	10	No.		
7	T-Clamp ACSR Moose Run ACSR Moose Drop(12bolted)	40	No.		
8	T-Clamp ACSR Zebra Run ACSR Zebra Dorp(12bolted)	65	No.		
9	132KV Isolator PAD Clamp for ACSR Zebra without hole in the pad but supply of 4nos. Nut & bolt for the pad	116	No.		
10	33KV Isolator PAD Clamp for ACSR Zebra conductor without hole in the pad but supply of 4nos. Nut & bolts required for the pad	26	No.		
11	132KV Isolator PAD clamp (Bimetallic) suitable for ACSR Moose Conductor without hole in the pad but supply of 4nos. Nut & bolts for the pad	10	No.		
12	132 KV Isolator PAD clamp (Bimetallic) suitable for ACSR Zebra Conductor without hole in the pad but supply of 4nos. Nut & bolts for the pad	20	No.		
13	220KV Isolator PAD clamp (Bimetallic) suitable for ACSR Moose Conductor without hole in the pad but supply of 4nos. Nut & bolts for the pad	30	No.		
14	33KV Isolator PAD Clamp for ACSR Zebra without hole in the pad but supply of 4nos. Nut & bolt for the pad	26	No.		
15	132KV Breaker PAD Clamp for ACSR Zebra Conductor without hole in the pad but supply of 4nos. Nut & bolt for the pad	35	No.		
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22	Copper Stud Clamp suitable for 132 KV side Bushing stud of Transformer including providing Bimetallic Pad clamp	34	No.		
23	Four bolted Bimetallic Pad clamp suitable for 132KV side NCT of Transformer	10	No.		
24	Four bolted Bimetallic Pad clamp suitable for 33KV side NCT of Transformer	10	No.		
25	Copper Stud Clamp suitable for 132 KV side Neutral Bushing stud of Transformer including providing Bimetallic Pad clamp	5	No.		
26	Copper Stud Clamp suitable for 33 KV side Neutral Bushing stud of Transformer including providing Bimetallic Pad clamp	5	No.		
27	132 KV Bimetallic CT stud clamp for ACSR Zebra	40	No.		
28	33 KV Bimetallic CT stud clamp for ACSR Zebra	71	No.		
29	132kKV PI Clamp for PI to ACSR Zebra	6	No.		
30	33kKV PI Clamp for PI to ACSR Zebra	22	No.		
31	33KV LA Clamp	20	No.		
32	Total				
33	GST on item No. 32				
34	Grand Total				

Dated

Signature of Contractor with Seal

Annexure-III
COMPOSIT BANK GUARANTEE

This Guarantee Bond is executed this _____ day of _____
2018 by us the _____ Bank at

P.O. _____ P.S. _____
District _____ State _____

1. WHEREAS the ODISHA POWER TRANSMISSION CORPORATION LTD., a body corporate constituted under the Electricity Act, 2003 [hereinafter called "the OPTCL" which shall include its successors and assigns has placed orders No. _____ Date _____ [herein after called "The Agreement"] on M/s. _____

[Herein after called "The Supplier"] which shall include its successors & assigns for supply of materials.

AND WHERE AS the supplier has agreed to supply materials to the OPTCL in terms of the said agreement

AND WHEREAS the OPTCL has agreed [1] to exempt the supplier from making payment of Security [2] to release 100% payment of the cost of materials as per the said agreement and [3] to exempt from performance guarantee on furnishing by the Supplier to the OPTCL, a Composite bank Guarantee of the value of 10 % [ten percent] of the contract price of the said agreement.

NOW THEREFORE, in consideration of the OPTCL having agreed [1] to exempt the Supplier from making payment of Security [2] releasing 100% payment to the Supplier and [3] to exempt from furnishing performance guarantee in terms of the said agreement as aforesaid, we, the _____ [Bank][herein after referred to as "the Bank"] do hereby undertake to pay to the OPTCL an amount not exceeding Rs. _____ [Rupees _____] against any loss or damage caused to or suffered by or would be caused to or suffered by the OPTCL by reason of any breach by the said Supplier [s] of any of the terms or conditions contained, in the said agreement.

2. We the (_____ Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demur, merely on demand from the OPTCL stating that the amount claimed is due by way of loss or damage caused to or suffered by the OPTCL by reason of any breach by the said Supplier [s] of any of the terms or conditions, contained in the said agreement or by reason of the supplier's failure to perform the said agreement. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____

[Rupees _____

3. We the _____ Bank} also undertake to pay to the OPTCL any money so demanded notwithstanding any dispute or disputes raised by the supplier [s] in any suit or proceeding instituted/pending before any Court or Tribunal relating thereto our liability under this present being absolute and unequivocal.

The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Supplier [s] shall have no claim against us for making such payment.

4 We, (_____ Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to do so enforceable till all the dues of the OPTCL under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Managing Director, ODISHA POWER TRANSMISSION CORPORATION LTD. certifies that the terms and conditions of the said agreement have been fully and properly carried out by the said Supplier [s] and accordingly discharges this Guarantee.

Unless a demand or claim under this guarantee is made on us in writing on or before the [Date _____], we shall be discharged from all liability under this guarantee thereafter.

5. We,(_____ Bank) further agree that the OPTCL shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Supplier [s] and we shall not be relieved from our liability by reason of any such variations or extension being granted to the said supplier [s] or for any forbearance, act or omission on the part of the OPTCL or any indulgence by the OPTCL to the said Supplier [s] or by any such matter or thing whatsoever which under the law relating to sureties would but these provisions have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the name, style and constitution of the Bank and supplier [s].

7. We,[_____ Bank] lastly undertake not to revoke this guarantee during its currency except with the previous consent of the OPTCL in writing.

8. We the _____ Bank further agree that this guarantee shall also be invocable at our place of business at Berhampur (indicate the name of the branch)in the state of ODISHA.

Notwithstanding anything contained herein.

1) Our liability under this bank guarantee shall not exceed Rs. ----- (Rupees-----).

2) The bank guarantee shall be valid up to dt. -----

3) We are liable to pay the guaranteed amount or any part thereof under this bank guarantee only & only if you serve upon us at -----branch at Berhampur written claim or demand on or before Dated _____ Day of

_____ For _____
[Indicate the name of Bank]

Witness ((Signature, names & address)

1.

2.

Annexure-IV
DETAILED DATA SHEET TO BE FURNISHED BY THE TENDERERS

1. Name of the Contract with detailed postal address:
2. Earnest money deposited vide Bank Draft No. _____ Date _____ / By Cash amount in Rs. _____ (Rupees _____) Only vide money receipt No. _____ Dated _____ for LOTI/LOTII/ Both LOTS
3. Attested copy of PAN No. / VAT Clearance Certificate : Furnished/Not furnished
4. Attested copy of the valid 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. Date of submission of tender. : Dt. _____

Dated:
Place:

Signature of the Tenderers
with seal.