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ODISHA POWER TRANSMISSION CORPORATION LIMITED

**OFFICE OF THE DEPUTY GENERAL MANAGER: ELECTRICAL,
EHT (O&M) DIVISION, BHANJANAGAR, AT: KANTEIPALLI**

POST: BADAPADA, DIST: GANJAM (ODISHA), PIN: 761 124

E.mail- ehtm.div.bnj@ optcl.co.in

GSTIN: 21AAACO7873L1Z6

TENDER SPECIFICATION FOR NIT NO- 05/2022-23

FOR

**SUPPLY OF ELECTRICAL INSULATING MATS WITH IS 15652:2006 REQUIRED
FOR GRID S/S BHANJANAGAR & ASKA NEW UNDER EHT (O&M) DIVISION, BHANJANAGAR**

ISSUED TO

.....

.....

Money Receipt/D.D No.

Date:.....

COST OF TENDER PAPER = Rs. 600/- + 18% GST = Rs. 708/-



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POST: BADAPADA, DIST: GANJAM (ODISHA), PIN: 761 124
E.mail- ehdm.div.bnj@optcl.co.in GSTIN: 21AAACO7873L1Z6

TENDER CALL NOTICE No. 05/2022-23

Sealed Tenders are invited by the undersigned from Suppliers/ Dealers having valid PAN, GST registration certificate for “**Supply of electrical Insulating mats with IS 15652:2006 required for Grid S/S Bhanjanagar & Aska New**” under EHT (O&M) Division, Bhanjanagar.

Commencement of Sale of Tender Paper: - From Dated 21.07.2022, 11 AM to Dated 03.08.2022, 12 Noon.

Last Date of Submission of Tender Paper: - Dated 03.08.2022 up to 2:00 PM.

Date of Opening of Tender Paper: - Dated 03.08.2022 at 3:00 PM.

Sl. No	Tender Specification No.	Description of equipment/materials	Cost of Tender Spec. Document (in Rs.)	Last date of receipt & opening of tender
1.	NIT NO-05 / 2022-23, EHT (O&M) Division, Bhanjanagar	SUPPLY OF ELECTRICAL INSULATING MATS WITH IS 15652:2006	600/- + 18 % GST = Rs. 708/-	03-08-2022 (14:00 Hrs) & 03-08-2022 (15:00 Hrs)

The Tender specification can be obtained on payment of Rs. 600/- + [GST @ 18%](#) = Rs. 708/- in shape of Cash / Bank Draft drawn in favour of **EHT(O&M) Division, OPTCL, Bhanjanagar payable at Bhanjanagar** and an additional amount of Rs. 100/- (Rupees one hundred) only may be paid for postal delivery. The undersigned shall not be held responsible for any postal delay. The tender must be accompanied with **Bid Security Declaration**. Incomplete tender document and tender without bid security declaration shall be rejected. If the last date of receipt/opening of Tender falls on a Holiday, then the tender paper will be received/ opened in the next working day. The undersigned reserves the right to accept or reject any or all tenders without assigning any reason thereof.

Sd/-

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

**TENDER SPECIFICATION OF NIT NO- 05/2022-23
OF EHT (O&M) DIVISION, BHANJANAGAR**

FOR

**SUPPLY OF ELECTRICAL INSULATING MATS WITH IS 15652:2006 REQUIRED
FOR GRID S/S BHANJANAGAR & ASKA NEW UNDER EHT (O&M) DIVISION, BHANJANAGAR**

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SECTION-I

INSTRUCTIONS TO BIDDERS

1. The bidders must read in detail the “Instructions to Bidders”, “General Terms and Conditions of Contract” before filling the Tender documents. There are seven sections in this Tender Specification.
2. **TENDERS:**
 - a. Bidders must submit their bids with original signature.
 - b. Only those bidders who have purchased the relevant tender specification from this office can submit their tender. Tenders submitted by others will be rejected. The bidders should indicate the money receipt number and date of purchase of tender specification from this Office. Bidders must submit their bid documents duly filled in our specification only.
 - c. Tender must be submitted in sealed envelope super scribing as Tender Call Notice No. 05/2022-23 for “**Supply of electrical Insulating mats with IS 15652:2006 required for Grid S/S Bhanjanagar & Aska New**” under EHT (O&M) Division, Bhanjanagar” addressed to Dy. General Manager, EHT (O&M) Division, Bhanjanagar.
 - d. Tender shall be submitted either in person or by Registered post with A.D. within the time specified in the Tender call notice. Any other means of delivery shall not be accepted. The bidder who wants to receive the tender paper by post have to deposit additional Rs. 100.00 (Rupees One hundred) along with the tender paper cost. Detailed postal address with PIN No., Phone/ Fax/Email of bidder must be mentioned in the application requesting for tender document.
 - e. Detailed postal address with PIN, Phone /FAX No, Mail-Id must be mentioned in the application requesting for Tender document on the Tender Bid. The Tender submitted in person is to be dropped in the Tender Box. Tender received after due date and time will not be considered. The authority will not be responsible for receipt of Tender after due date and time due to postal delay or any other reasons.
 - f. Tenders shall not be submitted telegraphically or by FAX.
 - g. Conditional offers will not be accepted.
 - h. If the last date of receipt/opening of tender falls on a holiday, it will be received/ opened on the next working day in same time.
 - i. The tender must be accompanied with bid security declaration form.
3. **INFORMATION OF 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 valid PAN Card/ GST Registration Certificate must be enclosed with the tender bids.
 - b. Bidders themselves or their authorized representatives (**one person only, possessing authorization letter in original**) shall be allowed to attend opening event of the tender.
5. 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.
6. Tenders should be prepared clearly without any **overwriting** and **corrections**. Erasures and other changes shall bear the dated initial of the person signing the tender.

7. 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 bidders.
8. For evaluation, the price mentioned in **words** shall be taken, if there is any **difference** in **figure** and **words** in the price bid.
9. In the event of disparity of price due to tax rates, the comparison of price shall be made exclusive of tax and order shall be placed with tax rate as per Govt. norms.
10. **THE TENDERS SHALL BE LIABLE FOR REJECTION, IF THEY DO NOT AGREE TO OR COMPLY WITH ANY OF THE TERMS AND CONDITIONS SET FORTH AND PROVIDED IN THE TENDER SPECIFICATION.**

SECTION-II

GENERAL TERMS AND CONDITIONS OF CONTRACT

- 1. Scope of contract:** The scope of contract shall be to delivered materials at destinations in accordance with the enclosed technical specification (Annexure-I) and Scope of material to be supplied (Section-III).
- 2. Manner of execution:** All materials should be supplied under the contract shall confirm to the latest publication of relevant ISI specification.
- 3. Validity:** Tenderers are requested to keep the validity of their offer for a period of 6 months 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 inclusive discount, if any.
- 5. Taxes:** Taxes, if any shall be mentioned extra. The tender may quote rate in respect of different make materials as per scheduled.
- 6. Terms of Payment:** 100% of the value of consignment with 100% taxes and duties will be released after receipt of materials in complete shape at destination in good condition and detail verification thereof, subject to approval of 3% security-cum-performance guarantee as per **clause No. 10**, test certificates and guarantee certificates by this office.
- 7. Delivery:** The materials in full quantity shall be delivered within 30 days of receipt of purchase order, failing which purchase order shall be liable for cancellation with forfeiture of security-cum-performance guarantee.
- 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 component parts are also delivered. If certain components are not delivered in time, the supply will be treated as delayed until such time the missing/ undelivered parts are delivered period.
- 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. SECURITY-CUM-PERFORMANCE GUARANTEE:** The bidders whose offer qualifies will be awarded purchase order for supply of materials and the contractor shall have to deposit security-cum-performance guarantee amount equal to 3% (Three per cent) of contract value in shape of D.D/ Composite B.G. drawn in favour of Paying Officer of OPTCL and in the prescribed format of OPTCL. If not deposited by the bidder, the same will be deducted from the bill. The security-cum-performance guarantee shall be released after successful completion of the guarantee period as stated under **clause-11** on written request and as per the guidelines of Director (Fin.), OPTCL. No interest shall be paid to the contractor towards the security-cum-performance guarantee so deposited by the contractor. The security-cum-performance guarantee shall be deposited with the respective paying officer of OPTCL within 15 days of issue of purchase order or prior to supply the materials. In the event of any breach or default in all or any conditions of the purchase order or any defect found during the guarantee period and not replaced by the supplier free of cost, OPTCL may forfeit the whole amount of security-cum-performance guarantee.

11. 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 12 (Twelve) Months from the date of delivery. Any defect noticed during this period should be rectified / replaced by the supplier 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-cum-performance guarantee will be forfeited.

12. 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.

13. Despatch Instruction: The materials should be securely packed and dispatched by Rail/ road transport to 220/132/33 KV Grid Sub-Station, Aska New. The cost of transportation will be borne by the supplier.

14. Consignee: The SDO, 220/132/33 KV Grid Sub-Station, Aska New is the consignee & verifying officer for the contract.

15. Paying Officer: The DGM, EHT (O&M) Division, Bhanjanagar is the paying officers for this contract.

16. Submission of GST Registration No. & PAN: Clear attested Xerox copies of PAN issued by the competent authority & GST Registration valid on the date of opening of tender should be submitted along with the tender failing which the tender will be rejected. The supplier may be requested to produce original PAN card & GST 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 the tender, their tender should be rejected.

17. Past Experience of Supply, Performance Certificate: Past experience of execution of purchase order need to be furnished by the bidders.

18. Deviation in Specification: If any change in the technical parameters equivalent to the above specification may be clearly mentioned separately.

19. Test Certificate: Necessary manufacturer certificate / test certificate in respect of materials, spares 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.

20. Inspection & Testing: The bidders have to submit their sample in the office of the undersigned while submitting their Tender Paper, failing which the Tender shall be rejected. The Samples should be checked by the Sample Scrutiny Committee. The Sample (all/part) found to be in order as per Tender Specification shall be considered for evaluation of the offer.

21. 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.

Annexure-I

TECHNICAL SPECIFICATION FOR ELECTRICAL INSULATING MAT

1. GENERAL:

Electrical Insulating Mats with dotted anti-skid design,

Made of Elastomer or equivalent, Size (2m X 1m)

Specification: ISI marked 'C' class insulating mat for electrical purpose as per IS: 15652-2006.

Class-C, Category-III

Use Voltage up to - 33 KV.

Thickness-3 mm, width-1000 mm, Length-2000 mm.

Material- Made of Elastomer.

Tensile strength (min.)-15 N/mm².

Elongation (min.)- 250%.

Insulation resistance with water at 5000V (min.) - 100000 M Ω with 5 KV Insulation Tester.

Leakage Current (max.)- 10 mA.

Di Electric Strength- 65 KV.

AC proof voltage- 36 KV withstand for 3 minutes.

Ambient Temperature- (-) 10 to 55°C.

Flame Retardance (Max.)- Extinguish within 5 sec after removal of Blue flame.

Effect of Acid/Alkali/Diesel & Transformer Oil- % change from original Acid /Alkali /Diesel /Transformer Oil

Tensile Strength -20% in Tensile strength & 20% in Elongation.

Colour- Deep Blue.

Make- SafeVolt/ Deepjyoti or any reputed brand

SECTION-III

SCOPE OF SUPPLY:

SL. NO.	DESCRIPTION OF ITEMS	UNIT	QNTY
1	Electrical Insulating Mats with dotted anti-skid design Made of Elastomer or equivalent of Size (2m X 1m) & thickness 3 mm required for Grid S/S Bhanjanagar & Aska New	No	55

SECTION-IV

SCHEDULE OF PRICE:

SL. NO.	DESCRIPTION OF ITEMS	UNIT	QNTY	RATE IN RS.	AMOUNT IN RS.
1	Electrical Insulating Mats with dotted anti-skid design, Made of Elastomer or equivalent, Size (2m X 1m) Specification: ISI marked 'C' class insulating mat for electrical purpose as per IS: 15652-2006. Class-C, Category-III Use Voltage up to 33 KV. Thickness-3 mm, width-1000 mm, Length-2000 mm. Material- Made of Elastomer. Tensile strength (min.)-15 N/mm ² . Elongation (min.)- 250%. Insulation resistance with water at 5000V (min.) -100000 MΩ with 5 KV Insulation Tester. Leakage Current (max.)- 10 mA. Di Electric Strength- 65 KV. AC proof voltage- 36 KV withstand for 3 minutes. Ambient Temperature- (-) 10 to 55°C. Flame Retardance (Max.)- Extinguish within 5 sec after removal of Blue flame. Effect of Acid/Alkali/Diesel & Transformer Oil- % change from original Acid /Alkali /Diesel /Transformer Oil Tensile Strength -20% in Tensile strength & 20% in Elongation. Colour- Deep Blue. Make- SafeVolt/ Deepjyoti or any reputed brand	No	55		
2	Total				
3	GST if any (to be specified)				
4	Grand Total				

Date:

Signature of bidder with seal

Place:

SECTION-V

ABSTRACT OF TERMS AND CONDITIONS

(This Performa should be filled with all information and should be furnished along with the tender)

1	Tender cost deposited in shape of Cash/Bank Draft	Yes/No
a	Name of the Bank(For Bank Draft):	
b	Amount deposited:	
c	Money Receipt No. & Date / Bank Draft No. & Date:	
2	Validity of the bid in days from the date of opening of tender(As per Specification):	
3	Nature of Price:	Firm/Variable
4	Terms of payment (Whether agreeable to OPTCL terms:	Yes/No
5	Security-cum-Performance Guarantee (Whether agreeable to OPTCL terms):	Yes/No
6	Penalty (Whether agreeable to OPTCL terms):	Yes/No
7	List of orders executed/in hand for similar work in OPTCL/state PSU:	Yes/No
8	Copy of PAN furnished:	Yes/No
9	Copy of GST Registration:	Yes/No
10	Guarantee (Whether agreeable to OPTCL terms):	Yes/No
11	Delivery period (Whether agreeable to OPTCL terms):	Yes/No
12	Bid Security Declaration Form (Furnished)	Yes/No
13	No relation certificate (Furnished)	Yes/No
14	Agreed to adhere time period as per the contract:	Yes/No
15	Agreed to all terms and conditions of the tender specification:	Yes/No

Date:

Signature of Bidder with Seal

Place:

SECTION-VI

BID SECURITY DECLARATION FORM

To

The Dy. General Manager (Elect.)
EHT (O&M) Division, Bhanjanagar, OPTCL

Sub:- Tender Specification No-_____

Sir,

1. Having examined the above specification together with terms & conditions referred to therein * I/We the undersigned hereby offer to supply the materials/equipments covered therein complete in all respects as per the specification and General conditions, at the rates, entered in the attached contract schedule of prices in the Tender.
2. * I/We hereby undertake to have the materials/equipments delivered within the time specified in the Tender.
3. * I/We hereby guarantee the technical particulars given in the Tender supported with necessary reports from concerned authorities.
4. * I/We certify to have submitted the bid electronically/ by post by remitting *cash/money order/D.D./ remitting the cost of tender, herewith and this has been acknowledged by your letter/ money receipt No. _____ Dated, _____
5. In the event of Tender, being decided in *my/our favour, * I/We agree to furnish the D.D/Composite B.G. in the manner, acceptable to ODISHA POWER TRANSMISSION CORPORATION LTD., and for the sum as applicable to *me/us as per clause-11 of Section-II of this specification within 15 days of issue of letter of intent/purchase order failing which *I/We clearly understand that the said letter of Intent/Purchase order will be liable to be withdrawn by the purchaser.

Bid Security Declaration

*I/We further declare that, we will not modify/withdraw the bid after opening of tender during its validity period and in such an event we agree that OPTCL would be free to debar us from participating in the tenders floated by OPTCL for a period of three years .

Signed this _____ day of _____ 2022

Yours faithfully

Signature of the Bidder with seal of the company

[This form should be dully filled up by the Bidder and enclosed at the time of submission of tender.]

* (Strikeout whichever is not applicable)

SECTION – VII

NO RELATION CERTIFICATE

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

SIGNATURE OF THE BIDDER

END OF TENDER SPECIFICATION