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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 SPECIFICATION FOR TENDER CALL NOTICE No. 03/2019-20
FOR

FOR SUPPLY OF XLPE POWER CABLE OF SIZE 300 SQMM, $3\frac{1}{2}$ CORE OF TWO PIECES
HAVING LENGTHS 350 M & 250 M REQUIRED FOR 220/132/33 KV GRID SUB-STATION,
NARENDRAPUR.

Cost of Tender Paper Rs. 4,000/- + 12 % GST=Rs.4,480/-
(Rupees Four Thousand Four Hundred Eighty) Only

ISSUED TO:-

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FAX/☎: 0680-2291905, ☎0680-2291904

NOTICE INVITING TENDER

Advt. No. 03/2019-20

For and on behalf of OPTCL sealed tenders are invited from Manufacturers/ Suppliers having Authorized Dealership Certificate with valid I.T. PAN, GST Registration Certificate for **Supply of reputed Make (Havells/RR Cable/KEI/Polycab) 1100 Volt Grade, 3 ½ Core x 300 mm² Armoured Aluminum XLPE Power Cable of two pieces having lengths of 350 Mtrs. & 250 Mtrs. for transmission of AC supply from ACDB Panel to Station Transformer No. I and to Station Transformer No. II at 220/132/33 KV Grid Sub-Station, Narendrapur under EHT (O&M) Division, Berhampur.**

Commencement of Sale of Tender Paper: - From Dated 04.09.2019 to Dated 26.09.2019 up to 5.00 PM.

Last Date of Submission of Tender Paper:- Dated 27.09.2019 up to 02.00 PM.

Date of Opening of Tender Paper:- Dated 27.09.2019 at 3.00 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.)

**TENDER SPECIFICATION FOR TENDER CALL
NOTICE No. 03/2019-20
OF EHT (O & M) CIRCLE, BERHAMPUR
INDEX**

1.	SECTION – I	Instruction to Bidders
2.	SECTION – II	General terms & conditions.
3.	SECTION-III	Technical Specification and Schedule for Supply of reputed make (Havells/ RR Cable/KEI/Polycab) 1100 Volt Grade, 3 ½ Core x 300 mm² Armoured Aluminum XLPE Power Cable
4.	ANNEXURE – I	Scope of materials to be supplied
5.	ANNEXURE – II	Schedule of Price
6.	ANNEXURE – III	Detail data sheet to be furnished by the tenderer.
7.	COST OF TENDER PAPER (Non-refundable)	Rs. 4,000/- + 12 % GST = 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.
8.	E.M.D	Bank draft drawn in favour of General Manager, EHT (O & M) Circle, Berhampur payable at Berhampur, Odisha.
9.	SALE OF TENDER PAPER	From Dated. 04.09.2019 to Dated. 26.09.2019. (During office hours) available in the office of the General Manager, EHT (O & M) Circle, Berhampur
10.	LAST DATE OF RECEIPT OF TENDER PAPER	Dated. 27.09.2019 up to 02.00 PM.
11.	DATE & TIME OF OPENING OF TENDER	Dated. 27.09.2019 at 03.00 P.M



NOTICE INVITING TENDER

ODISHA POWER TRANSMISSION CORPORATION LTD.,

REGD. OFFICE: JANPATH, BHUBANESWAR – 751 022,

ODISHA, INDIA.

CIN: U40102OR2004SGC007553

TENDER NOTICE NO- 03/2019-20

Sl. No	Tender Specification No.	Location Details.	INDIAN RUPEES			Last date of submission & Date of opening of Tender.
			Earnest Money Deposit. In Rs.	Cost of Tender Spec. Document	Estimate Value in Rs.	
1	03/2019-20	Supply of reputed make (Havells/RR Cable/KEI/Polycab) 1100 Volt Grade, 3 ½ Core x 300 mm ² Aluminium XLPE Power cable, armoured with Galvanised flat Steel wire strips of two pieces having lengths 350 Mtrs. & 250 Mtrs. for transmission of AC supply from ACDB Panel to Station Transformer No. I & to Station Transformer No. II at 220/132/33 KV Grid Sub-Station , Narendrapur	9,540/-	4,480/-	9,53,874/-	up to dt-27.09.2019(02.00 PM) and 27.09.2019 at 03.00PM

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 means will be rejected.

Tender must be submitted in sealed cover subscribed as “**Tender call Notice No. 03/2019-20 for Supply of reputed make (Havells/ RR Cable/KEI/Polycab) 1100 Volt Grade, 3 ½ Core x 300 mm² armoured with Galvanised flat Steel wire strips, Aluminium XLPE Power Cable of two pieces having lengths 350 Mtrs. & 250 Mtrs. required for 220/132/33KV Grid Sub-station, Narendrapur**” on or before Dated 27.09.2019(Up to 2.00PM) for opening on 27.09.2019 (At 3.00PM) and addressed to the General Manager, EHT (O & M) Circle, Berhampur.

B) 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 Rs.100.00 along with the tender paper cost.

C) 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 tenderers will be refunded after completion of Guarantee period on written request. 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.

D) **On-line downloaded Tender Specification Documents from our OPTCL website shall not be accepted.**

2. EXPERIENCE:

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 carry out the works / partly carry out the works as per the technical specification 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/ GST Registration No. 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 delivered materials at destination in accordance with the enclosed technical specification and schedule of requirement (Section-III).
2. **Manner of execution:** All materials should be supplied under the contract shall confirm to the latest publication of relevant IS 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:**
 - (A) (i) 100% of the value of consignment with 100% taxes and duties will be released after receipt of materials in complete shape at destination and in good condition and detail verification thereof, subject to approval of 10% composite Bank Guarantee, test certificates and guarantee certificates by this office.
(ii) Payment of freight & insurance charges in the purchase contract shall be paid after receipt of materials at store/desired site in good condition and on production of authenticated documentary evidence, otherwise no freight, insurance charges & shall be paid.
 - (B) The supplier shall furnish composite bank guarantee of appropriate amount to OPTCL covering 10% of FOR designation cost of the purchase order well in advance (within 15 days from the date of issue of the purchase order) before despatch of materials.
The composite bank guarantee is to be made in our standard bank Guarantee format towards security and performance form any Nationalised /Scheduled Bank having a place of business at Bhubaneswar and capable of being encashed at Bhubaneswar on non-judicial stamp paper worth of **Rs. 29/- (Rupees Twenty Nine) Only** or as applicable as per prevailing laws in force which should be accompanied with the confirmation letter from the issuing Bank.
The Bank Guarantee shall be furnished in favour of the paying officer within 15 Days from the date of issue of this purchase order and shall remain valid for a period of 14 (Fourteen) Months from the last date of stipulated delivery period. The Bank Guarantee should be revalidated as intimated form time to time. No interest is payable on the composite Bank Guarantee and in case of non-fulfillment of the contractual obligation, composite bank guarantee shall be forfeited without intimation to you.
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 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 price. Materials will be deemed to have been delivered only when the material is delivered in full shape. If certain quantity is not delivered in time, the supply will be treated as delayed until such time the undelivered quantity is 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 tenderer whose offer qualifies for acceptance will be awarded Purchase Order and the supplier shall have to deposit Security deposit equal to 10% (Ten percent) of ordered value in shape of Bank Draft in favour of **paying officer as mentioned in clause no. 16(Section-II) or the equivalent amount will be deducted from the bill on written request of the supplier**. The Security deposit will be released after two months of completion of the guarantee period subject to fulfillment of guarantee stated under Clause No.12 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 material 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 date of delivery or 12(Twelve months) from the date of use, 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-Station, Narendrapur**. The cost of transportation will be borne by the supplier.

- 15. Consignee:** The **Dy. General Manager, 220/132/33KV 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 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 Registration 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.
- 18. Past Experience of supply, Performance certificate:** Past experience of execution of purchase order need to be furnished by the bidders.
- 19. Deviation in specification:** If any change in the technical parameters equivalent to the above specification may be clearly mentioned separately.
- 20. 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.
- 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.

SECTION-III
TECHNICAL SPECIFICATIONS FOR 1100 VOLTS GRADE L.T. XLPE
POWER CABLE AS PER IS: 7098(PART-1)

1. GENERAL:

- 1.1 The cables shall be suitable for laying in racks, ducts, trenched, conduits and underground buried installation with uncontrolled back fill and chances of flooding by water.
- 1.2 They shall be designed to withstand all mechanical electrical and thermal stresses under steady state and transient operating conditions.
- 1.3 The aluminum wires unshed for manufacturing the cables shall be true round in shape before stranding and shall be uniformly good quality, free from defects. All aluminum used in the cables shall be of H2 grade.
- 1.3 The fillers and inner sheath shall be of non- hygroscopic, fire retardant material, shall be softer than insulation and outer sheath shall be suitable for the operating temperatures of the cable.
- 1.4 Progressive sequential marking of the length of cable in meters , the cable shall carry the manufacturer's name & both the ends of the cable sealed with PVC/Rubber caps so as to eliminate ingress of water during transportation and erection.
- 1.5 The cable shall have outer sheath of a material with an oxygen index of not less than 29 and a temperature index of not less than 250⁰ C.
- 1.6 All the cables shall pass fire resistance test.
- 1.7 Repaired cables shall not be accepted.
- 1.8 Allowable tolerance on the overall diameter of the cables shall be plus or minus 2 mm.
- 1.9 Power cables for use on 415V system shall be of 1100 Volts grade, aluminum conductor, XLPE insulated, PVC sheathed, armoured with galvanized **flat strip steel wire** and overall PVC sheathed. The cross sectional area of the conductor should be of 300 mm².
- 1.10 The power cable must be in multicore cables, the core shall be identified by red, yellow, blue and black colouring of insulation. A distinct inner sheath shall be provided in all multicore cables. For XLPE cables, the inner sheath shall be of extruded PVC to type ST-2 of IS: 5831.
- 1.11 The power cable to be used for this system shall be of XLPE insulated with PVC sheathing XLPE cable.
- 1.12 The insulation shall be of XLPE compound having general purpose insulation with normal continuous operating temperature of 90⁰ C & short circuit operating temperature of 250⁰ C, whereas the heat resisting temperature with normal continuous operating temperature of 90⁰ C & short circuit operating temperature of 250⁰ C.
- 1.13 Type test shall be provided from a NABL accredited laboratories for the same size/higher size.
- 1.14 Standard length for two pieces of Power Cable shall be 350mtrs & 250mtrs (Two pieces)

3.0 TESTS:

- 3.1 Power cables shall conform to all type, routine and acceptance tests listed in the relevant IS.
- 3.2 Power cables shall meet the requirements of the following additional test and type test may be conducted to prove their capabilities.
 1. Short time current test of conductors.
 2. Short time current test on armours.

Annexure – I
SCOPE OF MATERIAL TO BE SUPPLIED

Sl. No.	Description of item	Unit	Quantity
1.	Supply of XLPE insulated, PVC sheathed Power cables of size 300 Sqmm, 3 ½ core for use on 415 V system shall be of 1100 Volts grade with Aluminium conductors and armoured with galvanized flat steel wire strips for transmission of power from ACDB Panel to Station Transfer No. II at 220/132/33 KV Grid Sub-Station, Narendrapur.	Mtrs.	250
2.	Supply of XLPE insulated, PVC sheathed Power cables of size 300 Sqmm, 3 ½ core for use on 415 V system shall be of 1100 Volts grade with Aluminium conductors and armoured with galvanized flat steel wire strips for transmission of power from ACDB Panel to Station Transfer No. I at 220/132/33 KV Grid Sub-Station, Narendrapur.	Mtrs.	350

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

Annexure-II

SCHEDULED OF PRICE

Sl. No.	Description of item	Unit	Quantity	Rate in Rs.	Amount in Rs.
1.	Supply of reputed make (Havells/ RR Cable/KEI/Polycab) 1100 Volt Grade of size 3 ½ Core x 300 mm ² Aluminium XLPE power cable armoured with galvanized flat steel wire strips for transmission of power from ACDB Panel to Station Transformer No. II at 220/132/33 KV Grid Sub-Station, Narendrapur.	Mtrs.	250		
2.	Supply of reputed make (Havells/ RR Cable/KEI/Polycab) 1100 Volt Grade of size 3 ½ Core x 300 mm ² Aluminium XLPE power cable armoured with galvanized flat steel wire strips for transmission of power from ACDB Panel to Station Transformer No. I at 220/132/33 KV Grid Sub-Station, Narendrapur.	Mtrs.	350		
3.	Total:-				
4.	GST:-				
5.	Grand Total:-				

Mention the make of the cable to be supplied by the supplier (The supplier has to mentioned the makes of the cable to be supplied from the manufacture's names given in the description of items) :-

Dated

Signature of Contractor with Seal

Annexure-III
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 _____
3. Attested copy of PAN No. / GST Registration 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.