

West Bengal State Electricity Distribution Company Limited (A GOVT. OF WEST BENGAL ENTERPRISE)

(A GOVT. OF WEST BENGAL ENTERPRISE)
OFFICE OF THE DIVISIONAL MANAGER, KAKDWIP DIVISION
KAKDWIP 33/11 KV SUB-STATION COMPLEX, GANESHPUR 3^{KD} GHERI, KAKDWIP
24 PARGANAS (SOUTH) -743347(W.B)

E-Mail ID - dm kakdwip@wbsedcl.in Mob No.: 8900798280

Corporate Identity No. (UN): U40109WB2007SGC113473, Web: www.wbsedcl.in

NOTICE INVITING E-TENDER

NIT No.: KD/E-TENDER/MAT/23-24/ 1065.

Date: 01/09/2023.

Tender is invited by the Divisional Manager, Kakdwip Division. WBSEDCL, Kakdwip 33/11 KV Sub-Station Complex , Ganeshpur 3rd Gheri, Kakdwip, 24 Parganas (South) -743347(W.B) through electronic tendering (e-tendering) from manufacturers/Distributors for sample approval, supply & delivery of the following item as per schedule detailed below.

Sl	Description of the Item	Unit	Qty	Estimated	Earnest	Completion
No				Cost	Money	Time
1	Insulated Piercing Connector (LT ABC) 50-70 sq mm for Main & Service Cable for connecting Distribution Box along with end cap (Main 16 to 95 sqmm, Tap 04 to 35/50 sqmm) Make: Raychem/ Ensto/ Tyco	NOS	5000	485000	9700	15 days after placement of purchase order

Scope: The materials are procured for Kakdwip Division. The supply of the materials will be directly at Kakdwip Divisional Store, Kakdwip 33/11 KV Sub-Station Complex, Ganeshpur 3rd Gheri, Kakdwip, 24 Parganas (South) - 743347(W.B). Necessary Challan, E-way Bills are to be provided at Kakdwip Divisional Store.

Time Line:

Sl. No.	Particulars	Date & Time
1	Date of uploading of N.I.T and Tender Documents (online)[Publishing date]	07.09.23 at 11.00 Hrs
2	Documents sell / download start date (online)	07.09.23 at 11.00 Hrs
3	Pre Bid meeting	08.09.23 at 11.00 Hrs
4	Bid Submission upload start date (online)	08.09.23 at 15.00 Hrs
5	Documents sell / download end date (online)	15.09.23 at 15.00 Hrs
6	Bid Submission upload end date (online)	15.09.23 at 16.00 Hrs
7	Last Date of submission of Earnest Money Deposit (online)	15.09.23 at 16.00 Hrs
8	Date for opening of Technical bid (online) for the Bidders	18.09.23 at 11.00 Hrs
9	Date of uploading the Final List of Technically Qualified Bidders after Technical Bid Evaluation (online).	To be intimated later
10	Date for opening of Financial Bid (online).	To be intimated later

Intending bidders desirous of participating in the tender are to log on to the website https://wbtenders.gov.in for the tender. The tender can be searched by typing WBSEDCL in the search Engine provided in the website. Bidders willing to take part in the process of e-tendering are required to obtain Digital Signature Certificate (DSC) in the name of person who will sign the tender, from any authorized Certifying Authority (CA) under CCA, Govt of India (viz. nCode Solution, Safescrypt, e-Mudhra). DSC is given as a USB e-Token. After obtaining the Class 2 or Class 3 Digital Signature Certificate (DSC) from the approved Certifying Authority they are required to register the fact of possessing the Digital Signature Certificates through the registration system available in the website.

Tenders are to be submitted online and intending bidders are to download the tender documents from the Website stated above. This is the only mode of collection of tender documents. Details of submission Procedure is given in "Instructions to Bidders".



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.0 Terms & conditions of the Tender Notice?

- 1. Entriest Money Deposit amounting to 29s (Two Percent) of the Estimated Cost. As mentioned above, shall be submitted individually along with the offer. Necessary carriest money may be remitted through online mode.
- The bidder shall submit along with the other necessary documents in support of their posytons supply, of the frems of the tender to W1810 CT. In earlier, Occasions and financial capabilities to the extent of the estimated financial amount of their other.
- No agent is allowed to participate in the Tender
- 4. WBSEDCL reserves its right to take decision keeping its financial interest, The Purchase Policy of WBSEDCL along with the provisions of Vendor Rating & Hollday Listing, as effective from 01.09.2012 and the subsequent amendment effective from 18.01.2013 will be applicable.
- If the offer is submitted without or hadequate Fornest Money, the bid will not be opened. In case of incomplete
 offer, the tender will be liable for rejection and Barnest Money Deposit will be forfeited.
- 6. One Sample of Each Absterial is to be submitted at Kaladwip Divisional Store (Kaladwip 33/11 KV Sub-Station Complex). Gaueshpur Ard Cher), Kaladwip 24 Parganas (Zouth) ≈743347(WH), physically within the closing date of tender. The tag with the sample should contain the name of the sample as well as the name of the vendor/bidder. For a valid tender, sample has to be approved by the Divisional Authority. The approval or rejection of sample will be communicated via mail/electronically subsequently. The technical evaluation of the bidders, whose samples aren't approved, will not be opened & henceforth they will be deemed disqualified. Rejected Samples can be taken away, After PO is awarded, the awardees can adjust the sample with the delivered material lot & the remaining materials can be taken back by the respective yendors.
- The offer shall remain valid for a minimum period of 120 days from the next day of opening of the Tender.
- The quoted rates should be inclusive of all taxes & duties, freight and incidental charges. The quoted rate should be excluding GST charges. GST will be paid as applicable.
- The ordered materials should be delivered & installed within 15 days from the date of PO; otherwise penalty
 may be imposed as per rule of WBSEDCL for delay of delivery of ordered materials.
- The necessary documents along with bill are to be submitted at Kakdwip Divisional Office. The SRV will be issued from Kakdwip Divisional Store, WBSEDCL.
- At the time of placing purchase order, the quantity mentioned in the Tender Document may vary up to 1/2 25%.
- Any evidence of unfair Trade Practices including over charging, price fixing, cartelete, as defined in various statutes will automatically disqualify the bidders.
- 13. The company reserves the right to accept or reject any or all the tenders without assigning any reason who to over
- Any bidder against whom FIR/Complaint is lodged with Police by WBSEDCL/Other Utility/Govt. Semi-Govt. or Govt. undertaking Dept. shall not be eligible to participate in the bidding process.



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15. Other information as well as terms and conditions, which are not covered above, will be available in Instructions to Bidders, General Conditions of Contract of this tender and the Revised Purchase Policy of WBSEDCL.

B) Terms of Payment:

90% payment of bill will be made within 45 (forty five) days from the date of submission of bill against original receipted Challan /Invoice signed by the Store In-Charge attached to the respective stores and balance 10% payment will be made within 45 (forty five) days of submission of bills along with SRV after expiry of warranty period.

- C) <u>Warranty Period</u>: Warranty Period of supplied material will be one year from the date of delivery of the said materials. In case of any adverse report from store or defect found in site, materials have to be replaced or it would affect the vendor rating.
- D) Paying Authority:

Manager (F&A), Kakdwip Division, WBSEDCL, will be the Paying Authority.

E) Consignee:

The name of the consignee will be the Store-In-Charge, Kakdwip Divisional Store.

F) Liquidated Damage For Delay In Delivery:

The time of delivery (successful offer for inspection) of the equipment/materials are to be treated as an essence of the contract and the WBSEDCL reserves the right to repudiate the contract, if the equipment / materials are not physically delivered within stipulated period as per physical delivery clause. But WBSEDCL may at his discretion waive this condition and accept the material with imposition of liquidated damage @ 1/2% of the value of the materials beyond the schedule delivery period for each week of delay Subject to maximum of 5% of the particular lot and accept the goods beyond the stipulated period.

G) Any further information along with WBSEDCL's Revised Purchase Policy is accessible from the Website: www.wbsedcl.in and the following office:

Office of the Chief Engineer (Procurement & Contracts), West Bengal State Electricity Distribution Company Limited, Vidyut Bhavan, 4th Floor,Bidhannagar,Kolkata – 700091, Phone No. 033-2319-7563

- H) Documents to be submitted in Technical bid-Please refer sl no. 6.2 of "Instruction to Bidders" of NIT.
- I) The specifications of the item. As per specification mentioned in BOQ & DOCs attached to NIT.



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Corporate Identity No. (UN): U40109WH20078GC113473, Web: www.wbzedel.in

Instruction to Bidders

1. Eligibility for participation:

- Original manufacturers / Distributors of the tendered items will be eligible in the tender and must submit Dealership Certificate in PDF format
- The bidders should have credential for supply of the tendered items to WBSEDCL other Govt. Departments in earlier occasions within last three financial years.

2. General guidance for e-Tendering:

Instructions/Guidelines for electronic submission of the tenders have been mentioned below for assisting, the bidders to participate in e-Tendering.

3. Registration of bidder:

Any bidder willing to take part in the process of e-Tendering will have to be enrolled registered ith the cam-Procurement system, through logging on to https://wbtenders.gov.in.

4. Digital Signature certificate (DSC):

- Each bidder is required to obtain a class-II or Class-III Digital Signature Certificate (DSC) for submission of tenders.
- 5. The bidder can search and download NIT & Tender Documents electronically from the website mentioned in Clause 3 using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.

6. Submission of Tenders:

6.1 General process of submission

Tenders are to be submitted online through the website https://wbtenders.gov.in. All the Documents uploaded by the Tender Inviting Authority form an integral part of the contract. Tenderers are required to upload all the tender documents along with the other documents, as asked for, in the tender, through the above website within the stipulated date and time as given in the tender. Tenders are to be submitted in two folders - one is Technical Proposal and the other is Financial Proposal. The tenderer shall carefully go through the documents and prepare the required documents and upload the scanned documents (credentials, certificates) in Portable Document Format (PDF) to the portal in the designated locations of Technical Bid. The bidder needs to download the BOQ, fill up the rates of items in the BOQ in the designated Cell and upload the same in the designated location of Financial Bid. The documents uploaded shall be virus scanned and digitally signed using the Digital Signature Certificate (DSC). Tenderers should take note of all the addendum/corrigendum related to the tender and upload the latest documents as part of the tender.

6.2. Document to be submitted

i. Company Details

ii. Certificates:

- Current Professional Tax (PT) submission Challan. Application for such Addressed to the competent authority may also be considered.
- GST registration certificate.



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KAKDWIP AVII KVSUBSTAHON COMPLEX, GANESHPUR 3⁸⁰ GHERI, KAKDWIP 24 PARGANAS (SOUTH) -743347(W.B) E.Mail 10 - dm kakdwm obsected in Corporate Identity No. (UN): U40109WB20078GCH3473, Web: www.wbsedcl.in

iii. Financial Info;

Annual tumover for a period of the last three financial years.

iv. Credential:

- 1) Documents in support of supply of the tendered items to WBSEDCL, in earlier occasions within last three financial years as mentioned below:
 - 1 No Purchase Order for completing delivery of the said materials having financial involvement of not less than 80% of the estimated value of the said item(s) of last three financial year.
- 2) Self Declaration certificate as per Annexure 1. (mandatory format)
- 3) Others: Any other documents found necessary. Drawing of item to be supplied in detail containing Name of Company & Dimensions in SI system (in PDF format)
- 4) ISO Certification is required.
- 7. Conditional and incomplete tender: Conditional and incomplete tenders are liable to summary rejection.
- 8. Validity of Tender and Offer: The offer against tender should remain valid for a minimum period of 120 days from the next day of opening of the tender. However, WBSEDCL may, on the merit of case, request for extension of validity of the offer for a further suitable period without any change in terms & conditions of the offer.
- 9. Opening and evaluation of tender:
 - 9.1 Opening of Technical Proposal
 - ì. Technical proposals will be opened by the Tender Inviting Authority or his authorized Representative electronically from the website stated above, using their Digital Signature Certificate.
 - ii. Technical proposals for those tenders whose original copies of BG towards tender Fee or EMD have been received will only be opened. Proposals corresponding to which original copy of BG towards tender fee or EMD has not been received, will not be opened and will stand rejected.
 - Intending tenderers may remain present if they so desire.

9.2 Techno-commercial Evaluation of Tender

- While evaluation, the Tender Inviting Authority or his authorized representative may summon the tenderers and seek clarification / information or additional documents or original hard copy of any of the documents already submitted and if these cannot be produced within the stipulated timeframe, their proposals will be liable for rejection.
- The summary list of tenderers, whose bids will be found techno-commercially eligible, will be uploaded in the web portals. Date of opening of financial bid will be intimated to the Technocommercially qualified tenderers.



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9.3 Opening and evaluation of Financial Proposal

- i. Financial proposals of the tenderers declared techno-commercially eligible, will be opened electronically by the Tender Inviting Authority from the web portal stated above on the prescribed date.
- ii. The encrypted copies will be decrypted and the rates will be read out to the bidders remaining present at that time.
- iii. After opening of the financial proposal the preliminary summary result containing interlaid, name of bidders and the rates quoted by them will be uploaded.
- iv. The Tender Accepting Authority may ask any of the tenderers to submit analysis to justify the rate quoted by that tenderer.
- v. Revision/withdrawal of Financial Proposal by the bidder after opening of Technical Proposal of the tender will not be allowed if it is not sought by the Tender Inviting Authority.

10. Acceptance of Tender

Lowest valid rate should normally be accepted. However, the Tender Accepting Authority does not bind himself to do so and reserves the right to reject any or all the tenders, for valid reasons.

11. Purchase Order

WBSEDCL will communicate acceptance of tender to the successful bidder by a Purchase Order. The successful tenderer shall communicate the acceptance of the purchase order.

12. Concession

No price preference will be allowed to any tenderer based on the size of the industry or its geographic location. Co-operative Society will not be considered with separate status.

13. Holiday Listing and Vendor Rating

Holiday Listing & Vendor Rating will be applicable according to the "Holiday Listing & Vendor Rating" policies of the Revised Purchase Policy, which is posted in website of WBSEDCL (www.wbsedcl.in). Performance of the bidders, who supplied materials/equipment to WBSEDCL previously, will be evaluated for their Vendor Rating according to the said Vendor Rating policy and their Vendor Rating will be taken into consideration at the time of evaluation of Technical and Financial Proposals of the tender.

14. Return of Earnest Money of the unsuccessful tenderer(s)

For unsuccessful bidders, the Earnest Money as submitted against the tender shall be refunded automatically, through an automated process, by NIC portal after completion of tendering process. For successful bidders, the Earnest Money as submitted against the tender shall be refunded by WBSEDCL on following the due procedures. The Earnest Money of all tenderers other than the successful tenderer(s) may be refunded, after issuance of Purchase Order to the successful tenderer(s).

DE & Divisional Manager, Kakdwip Division, WBSEDCL

Technical Specification Accessories related to L.T. Arial Bunch Cable

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6. Junction sleeves

- The sleeves should be Pre Insulated for Phases, neutral messengers and Street Lighting conductors.
- Sleeve should be made of Aluminium, insulated with an anti UV black thermoplastic tube hermetically sealed two ends with 2 flexible rings. Die reference, size and strip length are indicated on the sleeve itself.
- Sizes needed: 16 70 -& upto 150 mm² for Aluminium XLPE insulated
- Referenced standard: NFC 33 021 or equivalent I.S., if any.
- Design as per furnished drawing.

Ansulation Piercing Connectors as per the standard NF C 33020 or equivalent I.S., if any.

SCOPE

In the process of replacing the Bare Conductors with LT AB Cables to reduce power theft & Transmission Losses, it is important to analyze the proper method of providing service connection from AB Cables to our consumers without damaging the cable. Removal of Bare Conductor, Stringing of LT AB Cable & re-establishing the service connections should be simultaneous process. In this regard the Insulating Piercing Connectors are required- a) for providing 1-2 service connections from 8 mtr. PCC LT pole, b) for providing supply to Junction/ Distribution Box from AB Cable & c) for establishing Tee connection from LT ABC to LT ABC.

This Insulating Piercing Connectors should not be exposed to any bare conductor in the environment during connection. The connectors should be totally Weather & Moisture proof so that no water or moisture can enter through the pierced holes on to the cable insulation.

It must have Shear Head type mechanism to control the effective Torque during connection and to ensure perfect installation. Connectors should not have any losable parts, which may drop and then lost while installation at overhead conditions. For individual connectors Torque required for different conductor sizes should be mentioned in the equipment.

TECHNICAL REQUISITES

Construction:

The connectors should be totally insulated with no loose parts. The connectors should be totally Weather & Moisture proof so that no water or moisture can enter through the pierced holes on the cable insulation.

Voltage Ratings: Moisture Ingress: The maximum voltage withstand capacity should be 6 KV.

The connectors should work at 30 cm under water bath for 30 min. & voltage applied of

6KV for 1 min. without any flashover/ failure & moisture ingress in it.

Working Temp.:

Designed for installation from -10°C upto +60°C & operation experience with temperature from -20°C upto +75°C.

Technical Specification Accessories related to L.T. Arial Bunch Cable

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Materials:

Material used in the manufacturing process of the components of this product should be specified in the respective product drawings & can be summarized as follows:

- All the metallic part of the connector should be Corrosion resistance & should be proven in Salt Fog chamber & Wet SO₂ gas chamber & there should not be any change in contact resistance & temperature after overloads & load cycling.
- The contact plates should be made of tinned Copper.
- Connector teeth should be factory greased & sealed to retard water or moisture ingress & corrosion.
- The insulation material should be made of weather & UV resistance, reinforced polymer.
- The outer metallic part should have potential free tightening bolts to allow safe installation on life lines.
- The bolts should be of Shear Head type so that it controls the effective applied Torque during installation & break off at a specified torque after establishing proper connection.
- The connector should not have any losable component. The cable end cap should be attached to the body.

Technical Specification Accessories related to L.T. Arial Bunch Cable

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TESTING STANDARDS: The Insulating Piercing Connector should conform to following std.-

The insulating Piercing Connector should conform to following std					
Tests	Tests Standard/ Test Procedure				
Corrosion	As per NF C 33-020 (Jun'98), or equivalent LS., if any.				
Qualification Test	Exposure in Saline Environment- The exposure should be carried				
	out as per NF EN 60068-2-11(Aug'99) std. requirement. The				
	concentration of Saline solution must be of 5% ± 1% in mass, &				
	the temperature of the test chamber must be maintained at 35°C ±				
	2°C.				
	Exposure in Sulphur environment saturated of humidity - The				
	exposure should be carried out as per NF T 30-055(Mar'74) std.				
	requirement. SO ₂ concentration in the chamber should be 0.067%				
	in volume. The temperature of the test chamber should be				
	increased to $40^{\circ}\text{C} \pm 3^{\circ}\text{C}$.				
	The total test should include four identical periods of 14 days, in				
	which 7 days of exposure in Saline environment & in other 7 days				
	- 8 hrs cycles in SO ₂ environment & 16 hrs in laboratory				
	environment,				
Electrical Ageing	As per NF C 33-020 & NF C 33-004 (Jun'98), or equivalent I.S.,				
Test	if any,				
	Total no. of cycles-200, Heating time -60 mins., Cooling time-				
	45mins., Pause time – 2 mins.				
Dielectric	As per NF C 33-020 (Jun'98), or equivalent LS., if any.				
Investigation Test	The connector should be placed in an ambient temperature				
in Water	between 15°C & 30°C & relative humidity between 25% & 75%.				
	The tightening of the connectors should be at minimal value of the				
	torque indicated by the manufacturer. The sample should be				
	placed in tank full of water on 30cm height, after an immersion				
	length of 30mins. The set is subjected to a dielectric test under a				
	voltage of 6KV at industrial frequency during 1 min. No.				
	flashover/ breakdown should occur at 6KV during 1 min.				
Mechanical Tests	As per NF C 33-020 (Jun'98), or equivalent LS., if any.				
	For checking electrical continuity, shear heads & mechanical				
	behaviour of the connector's suitable tests as per the above				
	specification have to conduct.				

Capacity needed:

For ABC 16 to 95 mm²

Model 1 for customer service

Main 16 to 95 mm²

Tap 2.5 to 10 mm² (For Street lighting)

Design as per furnished drawing.

Model 2 for customer service Main 16 to 95 mm²

Tap 04 to 35 mm² (For distribution box charging)

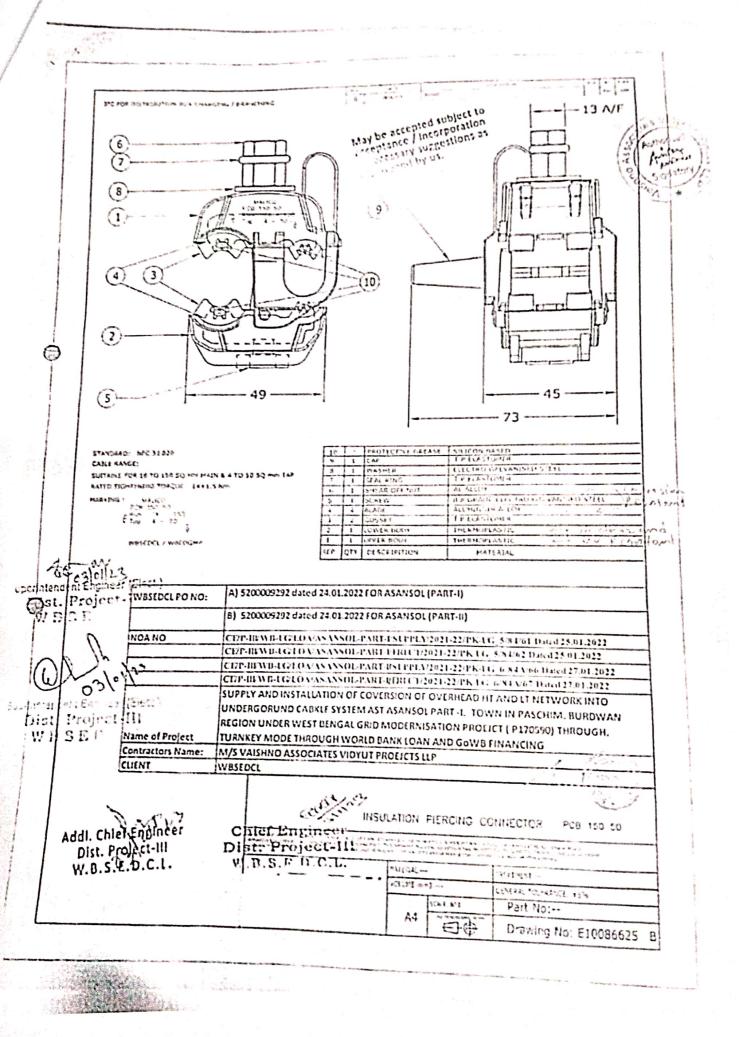
Design as per furnished drawing.

Model 3 for customer service Main 25 to 95 mm²

Tap 25 to 95mm² (For ABC to ABC Tee Joint)

Design as per furnished drawing.

Referenced standard: NFC 33 020 or equivalent I.S., if any.





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E-Mail ID - din.kakdwip@wbscdcl.in Corporate Identity No. (UN): U40109WB2007SGC113473, Web: www.wbsedcl.in

Annexure 1

Self Declaration

I/We on behalf ofhereby declare that I/We have quoted rate for supply	(Name of bidder agency) do of the mentioned materials for the e-tender id
KD/E-TENDER/MAT/23-24/	dated:
I/We also declare that I/We shall successfully completerms & conditions of Warranty of NIT Clause no. 17	te the work in scheduled time maintaining the if ranked as L I bidder of the tender.

Yours faithfully,

Signature of authorized bidder with official seal