



West Bengal State Electricity Distribution Company Limited

(A Government of West Bengal Enterprise)

Office of the Divisional Manager: Tehatta (D) Division

Tehatta Karimpur Road (near Chinnamasta Mandir): Tehatta-741160: Dist-Nadia

Email: dm.tehattadiv@wbasedcl.in

NOTICE INVITING e-TENDER

NIT No. : DM/TDD/Tender/2025-26/ 12

Date: 19/02/2026

Tender is invited by the Divisional Manager, Tehatta Division, WBSEDCL, through electronic tendering (e-tendering) from manufacturers/Distributors/dealers/retailers for supply and delivery of the following item as per schedule detailed below.

DESCRIPTION OF ITEMS :

Sl No	Description of Item	Quantity	Estimated Amount (RS.)	Total Estimated Amount (RS.)	Earnest Money Deposit (RS.)	Period of Completion after issuance of Order	Name & Address of the Concerned Office
1	LTDISTBOX 3PH CON.WH ST.STRAP&BUCKLE-ABC Make: MACEDON/ INDO/RUPTRON/ RAYCHEM. (WBSEDCL Material code: 0504060941) (TEST CERTIFICATE COMPULSORY) (Drawing & Specification Enclosed)	300 (Three hundred) nos	3,78,858.00 (Rupees Three lakhs seventy eight thousand eight hundred and fifty eight only)	4,75,208.00 (Rupees Four lakhs seventy five thousand two hundred and eight only)	9,504.00 (Rupees nine thousand five hundred and four only)	30 days (thirty days)	Tehatta Division Office, Tehatta Karimpur Road (near Chinnama sta Mandir): Tehatta- 741160: Dist-Nadi a
2	Ins. pierce Con.(ABC) 50-70 Sq.mm. Make: TYCO/INDO/ SKIC/RAYCHEM. (WBSEDCL Material code: 0504026741) (TEST CERTIFICATE COMPULSORY) (Drawing & Specification Enclosed)	1000 (One Thousand) nos	96,350.00 (Rupees Ninety Six thousand three hundred and fifty only)				

Scope: - The materials are to be procured for Tehatta Division. The supply of the materials will be directly at Tehatta Divisional Store. Necessary Challan, E-Way Bills are to be provided at Tehatta Divisional Store.

Delivery Address: Tehatta Karimpur Road (near Chinnamasta Mandir): Tehatta-741160: Dist-Nadia



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For e-filing of tender, intending bidder may download the tender documents from the website <https://wbtenders.gov.in> directly with the help of Digital Signature Certificate (DSC).

- Both Technical Bid and Financial Bid should be submitted in technical and financial folder concurrently and duly digitally signed by the prospective bidder through the website <https://wbtenders.gov.in>.
- Technical Document and Financial Bid should be submitted online on or before the 'Date & Time Schedule' stated in Serial Number (13).
- The FINANCIAL OFFER of the prospective bidder will be considered only if the TECHNICAL DOCUMENT is found qualified by the Tender Inviting Authority. The decision of the Tender Inviting Authority will be final and absolute in this respect. The list of Responsive and Non-Responsive Bidders will be displayed in the website.

Terms & conditions of the Tender Notice :

1. Eligibility criteria for participation in the tender:
 - 1.1. Bonafide, experienced & resourceful Original Equipment Manufacturers/ Authorized Distributors who have successfully supplied same or similar nature of Electrical items to Govt., Semi Govt., Govt. undertaking Organizations, Govt. Enterprises etc. and also have satisfying credential criteria as specified in Sl no. 3 of the Table (Submission of Tenders) of Section- A (INSTRUCTION TO BIDDERS). Bidders are required to upload scanned copy of the following documents against the eligibility criteria
 - I. **Completion Certificate/Payment Certificate of the ordering authority i.f.o. the Bidder (Mandatory).**
 - II. **Performance Certificate against the above (if any).**
 - III. **Payment Certificate against the above (if any).**
 - 1.2. All intending Bidders are required to produce valid copies of current GST Registration certificates, Professional Tax (PT) receipt challan along with PAN Card / IT return & certificate of compliance of statutory obligations (to be documented through e-filing).
2. Successful bidder(s) shall have to mandatorily create Vendor ID through WBSEDCL Web Portal Vendor Corner, if not created earlier.
3. The bidder should submit **along with the offer** necessary documents in support of their previous supply. Of the items of the tender to WBSEDCL in earlier. Occasions and financial capabilities to the extent of the estimated financial amount of their offer.
4. a) **No agent is allowed to participate in the Tender. Only Manufacturer or authorized distributor is allowed to participate in the bidding process.**
 - b) **Bid Specific Authorization certificate from the OEM is to be submitted by the bidder along with credential documents as per attached format mandatory.**



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5. **One Sample of Each Material is to be submitted at Tehatta Divisional Store physically strictly as per the 'Date & Time Schedule' stated in Serial Number (13). The tag with the sample should contain the name of the sample along with the Brand name, name of the manufacturing company as well as the name of the vendor/bidder; for a valid tender, sample has to be approved by the Divisional Authority (Sample Approval Committee). The Financial Bid of the bidders, whose samples aren't approved, will not be opened for Financial Evaluation & henceforth they will be deemed disqualified. Rejected Samples can be taken away by the respective vendors. After LOA is awarded, the awardees can adjust the sample with the delivered material lot.**
 6. **Validity of Bids:** Bids shall remain valid for a period not less than 120 (One hundred twenty) days after date of opening of bids of the tender. Bids valid for a shorter period shall be rejected by the Tender Inviting Authority as non-responsive. If the bidder withdraws the bid before the period of bid validity without giving any satisfactory explanation for such withdrawals, the earnest money as deposited will be forfeited forthwith without assigning any reason thereof.
 7. **The quoted rates should be inclusive of all taxes & duties (except GST), freight, incidental charges and any other charges up-to delivery of the Goods. The quoted rate should be excluding GST charges. GST will be paid as applicable.**
 8. **The ordered materials should be delivered within 30 days from the issuance of Order ; otherwise, penalty may be imposed as per rule of WBSEDCL for delay of delivery of ordered materials.**
 9. The necessary documents along with bill are to be submitted at Tehatta Divisional Office. The SRV will be issued from Tehatta Divisional Store, WBSEDCL.
 10. At the time of placing purchase order, the quantity mentioned in the Tender Document may vary up to +/- 25%.
 11. 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.
 12. **Delivery of material:** The materials as mentioned in schedule have to be delivered to the location of delivery as mentioned in the scope.
 13. **Schedule of Key Dates & Time:**

Sl. No.	Particulars	Date & Time
1	Date of uploading of N.I.T and Tender Documents (online). [Publishing date]	06.03.2026 after 11:00 hrs
2	Documents sell / download start date (online).	06.03.2026 after 11:00 hrs
3	Pre-Bid Meeting at Tehatta Division Office	09.03.2026 after 11:00 hrs
4	Bid Submission upload start date (online)	10.03.2026 after 11:00 hrs
5	Bid Submission upload end date (online)	27.03.2026 up to 14:00 hrs
6	Start date for submission of sample (Refer to Clause 5 above).	10.03.2026 after 11:00 hrs
7	End date for submission of sample (Refer to Clause 5 above).	27.03.2026 up to 14:00 hrs
8	Date of Submission of EMD(Online)	Upto 27.03.2026 up to 14:00 hrs
9	Techno-Commercial bid opening	30.03.2026 after 14:00 hrs
10	Techno-Commercially qualified bidders' list uploading date	To be notified later
11	Price bid Opening date	To be notified later





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14. **Earnest Money Deposit (EMD):** The amount of Earnest money @2% of the estimated amount through online by RTGS ICICI payment Gateway. No interest shall be payable by WBSEDCL on the above EMD.
15. **Forfeiture of Earnest Money Deposit (EMD):** Earnest money deposit / bid guarantee shall be forfeited in case of the following situations:
- If during the period of validity, the bidder withdraws / modifies its bid as a whole or in part.
 - If the bidder deviates from any clarification/confirmation given by him sub-sequent to submission of his bid.
 - In the case of successful bid, if the bidder fails:
 - To accept LOA / Order unconditionally and sign contract.
 - To furnish contract performance bond as per standard proforma.
16. WBSEDCL reserves its right to take decision keeping its financial interest. The Purchase Policy of WBSEDCL along with the provisions of Vendor Rating & Holiday Listing, as effective from 01.09.2012 and the subsequent amendment effective from 18.03.2013 will be applicable.
17. If the offer is submitted without or inadequate Earnest Money, the bid will not be opened. In case of incomplete offer, the tender will be liable for rejection and Earnest Money Deposit will be forfeited.
18. **Right to reject Bids:**
- I) WBSEDCL reserves the right to accept or reject any bid and to annul the bidding process and reject all bids at any time prior to award of the Order, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders the reason for WBSEDCL's action.
- II) Any evidence of unfair Trade Practices including over charging, price fixing, cartel etc. as defined in various statutes will automatically disqualify the bidders.
- III) 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.
19. **Cancellation of Tender:** WBSEDCL reserves the right to cancel the tender at any time under unavoidable circumstances in interest of WBSEDCL, without owing any explanation to the Bidders.
20. The company reserves the right to accept or reject any or all the tenders without assigning any reason whatsoever.
21. 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.
22. **WARRANTY PERIOD:** Warranty Period of supplied material should 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.
23. **Terms of Payment:**
- a) 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 an officer in the rank JE(E) & Store In Charge attached to the respective stores. And
- b) Balance 10% payment will be made within 45 (Forty-Five) days of submission of bills along with SRV after expiry of warranty period.





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- c) Work Order & Payment of work will depend on availability of fund. Intending bidders may consider this criterion while submission of tender and quoting their rate through online.
24. **PAYING AUTHORITY:** The DDO & JE(Fin), Tehatta Division, WBSEDCL, will be the Paying Authority.
25. **CONSIGNEE:** The JE(E) Gr-II & Store In Charge, Tehatta Divisional Store, WBSEDCL will be the consignee.
26. **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 its 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.**
27. Any further information along with WBSEDCL's Revised Purchase Policy may be had from the Website: **www.wbasedcl.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*
28. Documents to be submitted in Technical bid- Please refer Sl no. 4.1 of Section A of "Instruction to Bidders" of NIT.
29. **Bid evaluation will be conducted only on the basis of final documents uploaded by the bidders within last date and time of online submission. Under no circumstances the bidder will be given any further chance to upload any document (online) after opening of technical bid.**



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Instructions to Bidders

A. General guidance for e-Tendering

Instructions / Guidelines for tenders for electronic submission of the tenders online have been annexed for assisting the contractors to participate in e-Tendering.

1. Registration of Vendors:

Any contractor willing to take part in the process of e-Tendering will have to be enrolled & registered with the Government e-Procurement system, through logging on to <https://wbtenders.gov.in> (the web portal). The contractor is to click on the link for e-Tendering site as given on the web portal.

2. Digital Signature certificate (DSC):

Each contractor is required to obtain a class-II or Class-III Digital Signature Certificate (DSC) for submission of tenders, from the approved service provider of the National Information's Centre (NIC) on payment of requisite amount. Details are available at the Web Site stated in Clause-2 of Guideline to Bidder DSC is given as a USB e-Token.

3. The vendors can search & download NIT & Tender Documents electronically from computer once he logs on to the website mentioned in Clause 2 using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.

4. Submission of Tenders:

Tenders are to be submitted through online to the website in two folders at a time for each work, one in Technical Proposal & the other in Financial Proposal before the prescribed date & time using the Digital Signature Certificate (DSC) The documents are to be uploaded (virus scanned copy) duly Digitally Signed. The documents will get encrypted (transformed into non readable formats).

4.1. Technical proposal:

The Technical proposal should contain scanned copies of the following in two covers (folders).

4.1.1. Non-Statutory / Technical Document Cover File Containing:

- Copy of Audit Reports & IT return for last 3 (three) financial years/ IT return for last 5(Five) financial years.
- PAN.
- GST registration certificate.
- Professional Tax Clearance Certificate / Professional Tax (PT) deposit receipt challan for the last month.
- Requisite Credential Certificate for completion of at least one similar nature of materials (Item no 1, Item no 2 or both) in any Govt. department having a magnitude of at least 80 % (Eighty percent) of the estimated amount of the work put to tender within last 5 (Five) years.
- Requisite Credential Certificate for completion of at least Two similar nature of materials (Item no 1, Item no 2 or both) in any Govt. department having a magnitude of at least 60 % (Sixty percent) of the estimated amount of the work put to tender within last 5 (Five) years.
- Requisite Credential Certificate for completion of at least Three similar nature of materials (Item no 1, Item no 2 or both) in any Govt. department having a magnitude of at least 40% (Forty percent) of the estimated amount of the work put to tender within last 5 (Five) years.

Note: Failure of submission of any of the above mentioned documents will render the tender liable to be rejected for both statutory & non statutory cover.

THE ABOVE STATED NON-STATUTORY / TECHNICAL DOCUMENTS SHOULD BE ARRANGED IN THE FOLLOWING MANNER





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Click the check boxes beside the necessary documents in the My Document list and then click the tab “Submit None Statutory Documents” to send the selected documents to Non Statutory folder. Next Click the tab “Click to Encrypt and upload” and then click the “Technical” Folder to upload the Technical Documents.

Sl. No.	Category Name	Sub-category Description	Details
01.	Certificates	Certificates	<ul style="list-style-type: none"> a) PAN Card. b) Current Professional Tax (PT) submission Challan cleared up to last month. Application for such addressed to the competent authority may also be considered. c) GST Registration Certificate. d) Bid Specific Authorization Certificate From The OEM. e) TYPE TEST REPORT (CPRI/ERDA/NSIC) in favour of the Brand satisfying the criteria mentioned in specification. f) Certificate of Manufacturer or Authorized distributor. g) Self Declaration Certificate
02.	Company Detail(s)	Company Detail	<ul style="list-style-type: none"> (a) Trade Licence (b) Certificate of incorporation of company (if applicable).
03.	Credentials	Credential	<ul style="list-style-type: none"> a) Documents in support of supply of the materials (Item no 1, Item no 2 or both) to WBSEDCL/Govt./Semi Govt./PSU, in earlier occasions within last 5(Five) financial years as mentioned below: <ul style="list-style-type: none"> 1. 1 No PO & Delivery Challan or Payment Certificate of the materials having financial involvement of not less than 80% of the estimated value of the said item(s). <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> 2. 2 Nos PO & Delivery Challan or Payment Certificate of the materials having financial involvement of not less than 60% of the each estimated value of the said item/item(s). <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> 3. 3 Nos PO & Delivery Challan or Payment Certificate of the materials having financial involvement of not less than 40% of the each estimated value of the said item/item(s).





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04.	Financial Information	Financial Information	a) Annual Audited Financial Report for last 3 (three) years to be submitted for verification in respect of bidders for whom Audit of Accounts is mandatory. For whom Audit of Accounts is not mandatory, they shall submit copy of Income Tax Returns along with related enclosures for last 5 years. [Non-statutory documents] b) Average annual turnover during last 3 years shall not be less than 30% of the estimated cost. c) Working capital in the year, proceeding the year of bid submission shall not be less than 30% of the estimated cost. d) In case documents certifying credit facility from a scheduled bank is submitted, the requirement given in clause above (c) shall be judged by adding available credit facility and working capital taken together.
05.	Earnest Money	Earnest Money	Online payment gateway only. Payment acknowledgment receipt should be uploaded with other requisite documents.

4.2 Financial proposal:

The financial proposal should contain the following documents in one cover (folder) i.e. Bill of quantities (BOQ). The vendor is to quote the rate (Offering above / below / at par) online through Computer in the space marked for quoting rate in the BOQ.

Only downloaded copies of the above documents are to be uploaded virus scanned & Digitally Signed by the

5. Conditional and incomplete tender:

Conditional and incomplete tenders are liable to summary rejection.

6. 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.

7. Opening and evaluation of tender:

7.1 Opening of Technical Proposal

i. 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 only for those bidders whose sample check is validated.

ii. Intending bidders may remain present if they so desire.

7.2 Techno-commercial Evaluation of Tender

i. While evaluation, the Tender Inviting Authority or his authorized representative may summon the bidders 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.

ii. The summary list of bidders, 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 Techno-commercially qualified bidders.





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7.3 Opening and evaluation of Financial Proposal

- i. Financial proposals of the bidders declared techno-commercially eligible, will be opened electronically by the Tender Inviting Authority from the web portal stated above on the prescribed date.
- ii. After opening of the financial proposal the preliminary summary result containing interlaid, name of bidders and the rates quoted by them will be uploaded.
- iii. The Tender Accepting Authority may ask any of the bidders to submit analysis to justify the rate quoted by that bidders.

8. 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.

9. 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.

10. Purchase Order

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

11. Concession

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

12. 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.wbasedcl.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.

13. Return of Earnest Money of the unsuccessful bidder(s)

The Earnest Money of all tenderers other than the successful tenderer(s) may be refunded automatically from Tender Portal after issuance of Purchase Order to the successful tenderer(s).

14. Bid evaluation will be conducted only on the basis of final documents uploaded by the bidders within last date and time of online submission. Under no circumstances the bidder will be given any further chance to upload any document (online) after opening of technical bid.

19.2.26
Manager (HR & A)
Tehatta Division
WBSEDCL
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19/02/26
DE & Divisional Manager
Tehatta Division
WBSEDCL



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Annexure 1

Self Declaration

I/We on behalf of (Name of bidder agency) do hereby declare that I/We have quoted rate for supply of the mentioned materials for the e-tender id **DM/TDD/Tender/25-26/12** dated: **19/02/2026**

I/We also declare that I/We shall successfully complete the work in scheduled time maintaining the terms & conditions of Warranty of NIT Clause no. 22 if ranked as L1 bidder of the tender.

Yours faithfully,

Signature of authorized
Representative of the bidder agency

with official seal



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Format for bid specification authorization

(Authorization should be submitted on the Letter head of OEM)

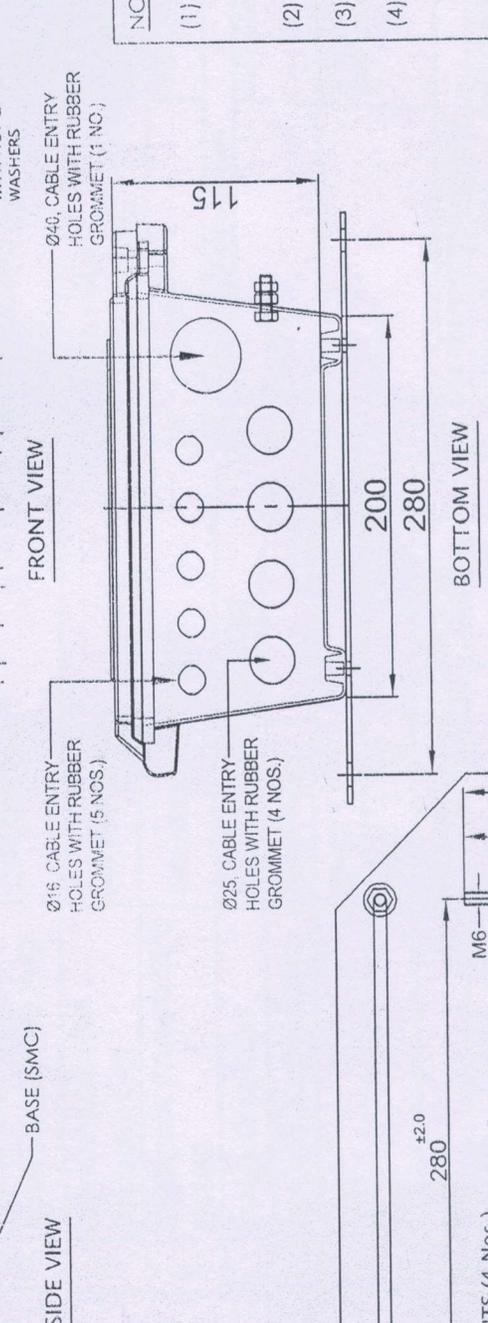
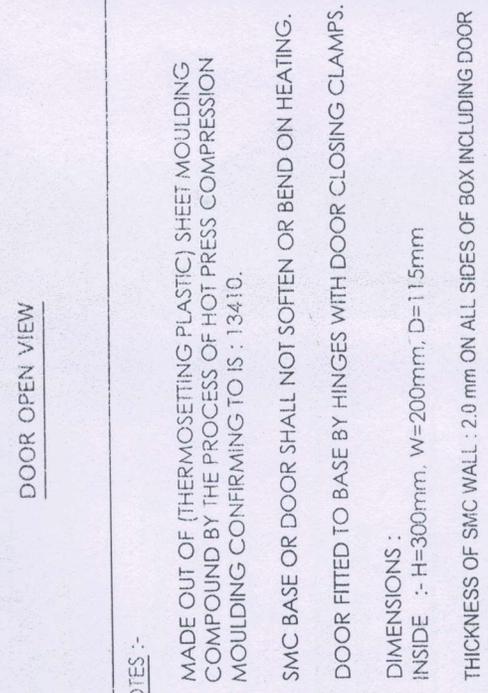
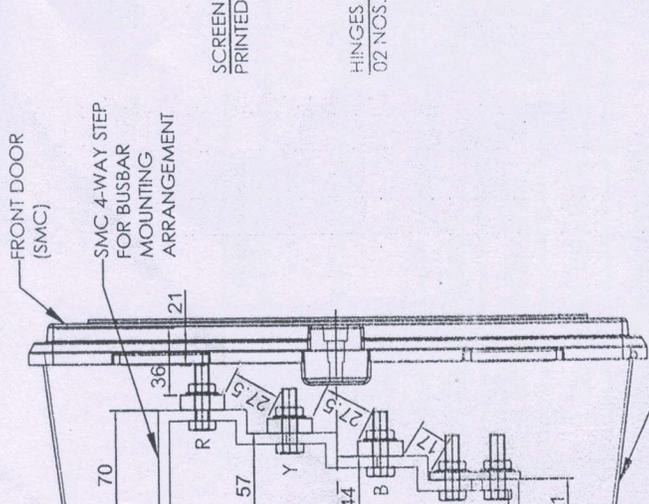
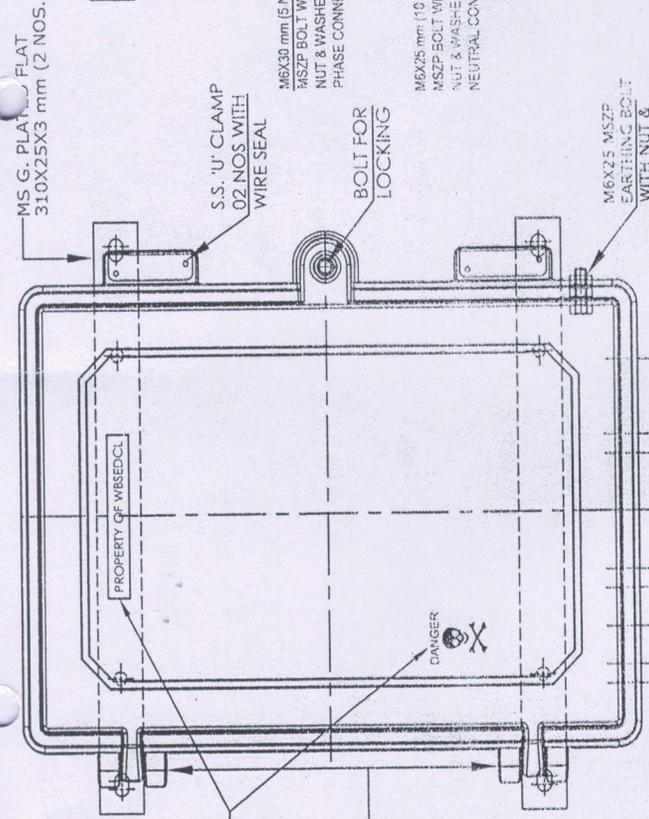
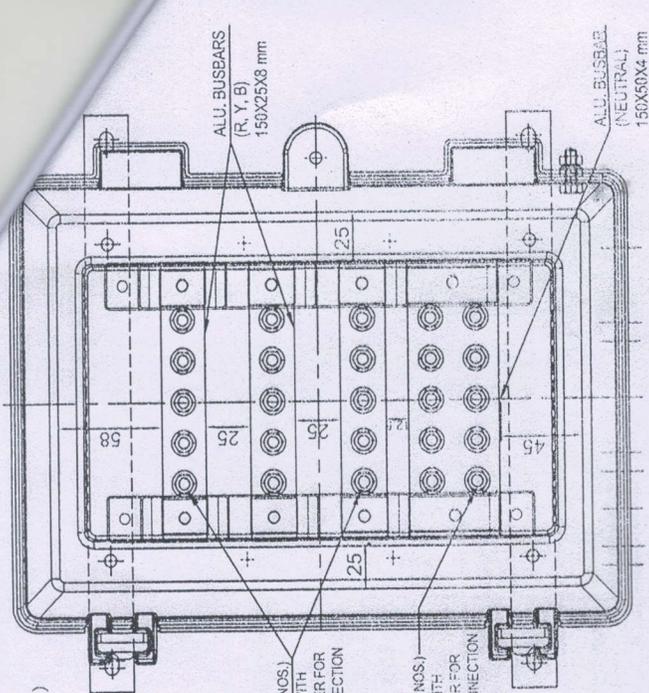
To,
The Divisional Manager
Tehatta Division
WBSEDCL
Tehatta Karimpur Road
(near Chinnamasta Mandir):
Tehatta-741160: Dist-Nadia

Subject: Bid specification authorization.

This is to certify that M/S _____ Address of _____ is authorized to quote the tender with NIT NO. _____ on behalf of the _____ (OEM).

They are authorized to carry out the order for the _____ product, and we assure you to extend full support if an order is placed with them.

Thanking You.



NOTES :-

- (1) MADE OUT OF (THERMOSETTING PLASTIC) SHEET MOULDING COMPOUND BY THE PROCESS OF HOT PRESS COMPRESSION MOULDING CONFIRMING TO IS : 13410.
- (2) SMC BASE OR DOOR SHALL NOT SOFTEN OR BEND ON HEATING.
- (3) DOOR FITTED TO BASE BY HINGES WITH DOOR CLOSING CLAMPS.
- (4) DIMENSIONS :
INSIDE :- H=300mm, W=200mm, D=115mm
- (5) THICKNESS OF SMC WALL : 2.0 mm ON ALL SIDES OF BOX INCLUDING DOOR
- (6) COLOUR :- OFF WHITE

TOLERANCE TABLE

RANGE	UNSPECIFIED TOL
>0 < 50	±1.0
>50 < 200	±3.0
>200 < 300	±0
>300 < 400	±0
ABOVE 400	±0

TITLE : SMC DISTRIBUTION BOX
(DB-3020)

LT. DISTRIBUTION BOX 3 PHASE CON.

Guaranteed Technical Particulars

Sl. No.	Particulars	Requirements				
1	Material	Thermosetting Resin (Sheet Moulding Compound) (SMC)				
2	Grade of Material	SMC IS: 13410-1992 (Grade-53)				
3	Thickness of Box (mm)	2mm (Minimum) (15.5KG)				
4	Properties of material of construction of Box					
a)	Heat Deflection Temp. (rel. Standard IS:13412/ISO 75-III)	150°C (Minimum)				
b)	Exposure to flame (Rel. Standard IS: 4249)	Self-Extinguishing				
c)	Inclining point (rel. to vertical) (IS:13360)	Does not melt upto 400°C				
5	Material for Insulation	SMC, IS: 13410-1992 (Grade-53)				
6	Clearance dimensions of Box	Refer Drawing				
a)	Height	300 mm ± 5%				
b)	Width	200 mm ± 5%				
c)	Depth	100 mm (Minimum) 115 mm ± 5%				
7	No. of circuits both Incoming and outgoing in Box	<table border="1"> <tr> <th>Phase</th> <th>Single Phase</th> </tr> <tr> <td>Three Phase</td> <td>1 I/C + 2 O/G for Phase R, Y, B & 1 I/C + 4 O/G for Neutral</td> </tr> </table>	Phase	Single Phase	Three Phase	1 I/C + 2 O/G for Phase R, Y, B & 1 I/C + 4 O/G for Neutral
Phase	Single Phase					
Three Phase	1 I/C + 2 O/G for Phase R, Y, B & 1 I/C + 4 O/G for Neutral					
8	Material of Box	TC Grade Aluminium				
9	No. of Bus Bar completed with fitting					
	Three Phase	6 set (3 nos for phase R, Y, B & 1 nos for Neutral)				
	Single Phase	4 set (3 nos for phase & 1 nos for Neutral)				
10	Cross Section area of Bus Bar	1. 25x B for Phase (150mm long) - 3 nos 2. 50x H for Neutral (150 mm long) - 1 nos				
11	Length of Aluminium Bus Bar	100mm				
12	Earthing arrangement					
a)	No. of earth bolts	1 No. M3 x 25mm GI Earthing Bolt (2no)				
b)	Material of earthing bolt	G.I				
13	Hinges	2 nos of Hinges				
14	Sealing U clamps	2 Nos. on door of Stainless Steel (Hole for wire seal)				
15	Degree of Protection	IP-55 - IP-44				
16	Tolerances	As per approved Drawing (I/-SS)				
17	Cable Entry Ear Arrangement					
a)	Incoming	Rubber Grommet - 22mm - 1 nos				
b)	Outgoing	Rubber Grommet - 25mm - 4 nos Rubber Grommet - 15mm - 5 nos				
18	Bus Bar Mounting arrangement					
	Arrangement	SMC Stepped Moulded Insulator				
19	Mounting list for box	25 x 3 mm MS plate (2nos)				
20	Marking	a) Property of Material (Only value) b) c) d)				
21	Colour of the Box	OFF WHITE				

TECHNICAL DATA

1. Insulation Piercing connector are suitable for AB Cable for Main and Top Connection below 1.1KV distribution line.
2. All ferrous parts shall be Electro galvanized.
3. Test Specification : NF C-033 020
4. All dimensions are in mm.
5. General tolerance : ± 0.5 As per standards.
6. Voltage withstand under Water: 5kV/1minute
7. Connection between Main and Top Cable: \neq (Max)

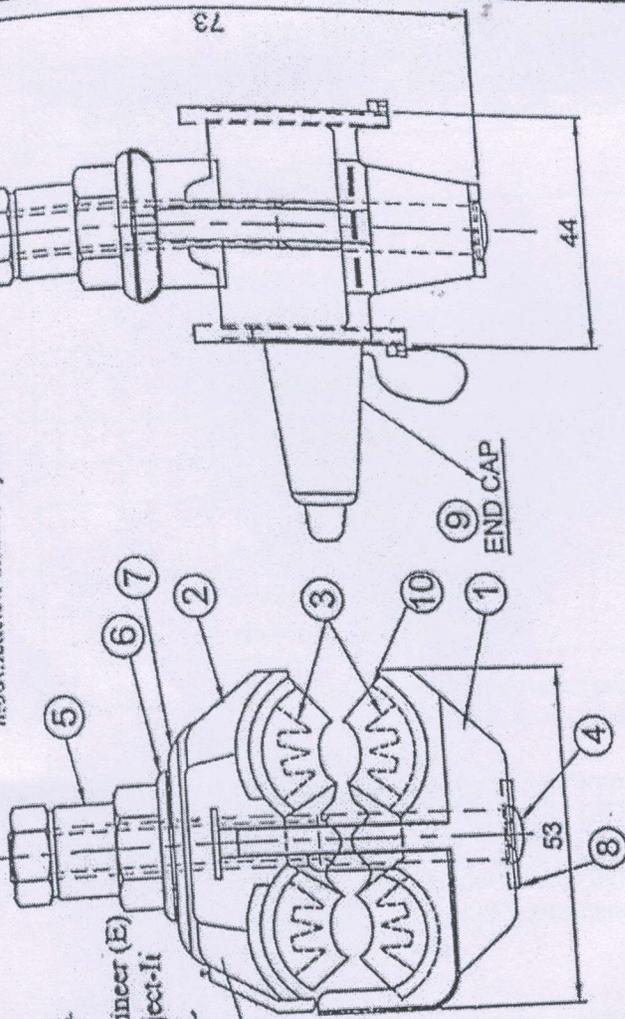
Specifications as per G.T.P

105-07-17

Superintending Engineer (E)
Distribution Project-II
WBSEDCL

San
Addl. Chief Engineer
Project-II
WBSEDCL

Approved subject to incorporation of necessary correction / additional modification shown by us



BILL OF MATERIAL			
SL.NO.	DESCRIPTION	MATERIAL	QTY.
1	BODY	HEAVY DUTY THERMOPLASTIC	1 NO.
2	PRESSURE BODY	HEAVY DUTY THERMOPLASTIC	1 NO.
3	PIERCING TEETH	AL. ALLOY	4 NOS.
4	BOLT	M.S.,E.G.	1 NO.
5	NUT	ZINC	1 NO.
6	PLAIN WASHER	M.S.,E.G.	1 NO.
7	SQUARE WASHER	M.S.,E.G.	1 NO.
8	END CAP	THERMO PLASTIC ELASTOMER	1 NO.
10	TEETH COVER	THERMO PLASTIC ELASTOMER	2NOS.

SKIC
S. K. INDUSTRIAL CORPORATION
(An ISO 9001 : 2008 Certified Company)
17, Ezra Street, Kolkata- 700 001

Project: D00017 Borteman Packings-3
Customer: West Bengal State Electricity Distribution Company Limited
LDA No. D00017/04/PK0-5/BURDWAN/VLL/NCC/SUPPLY/615 Dated 15.03.2017
LOI No. PROJECT-47/D00017/2016-17/04/PK0(S)/SUPPLY/NCC/A25 dated 28.01.2017

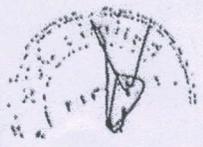
Contractor: NCC Limited
INSULATION PIERCING CONNECTOR SUITABLE FOR MAIN CABLE SIZES 16-85Sq.mm & TAP CABLE SIZES 4 TO 50Sq.mm

DRG. NO. SKIC-IPG1192NFC # SHEET 1 OF 1 REV.01

CE
Chief Engineer
Distribution Project-II
WBSEDCL

REV.	DESCRIPTION	DATE PASSED	SCANNED	REVISIONS

Checked by: *[Signature]*
Checked by: SKIBHARU
Checked by: S. JAYAN
Date: 06/06/2017



STANDARD TECHNICAL PARTICULARS FOR IPC ABC

Title of Item		GTP of Insulation Piercing Connector ABC - ABC TEE Joint
SI No	Description	Particulars
1	Type of Clamp	Insulation Piercing Connector ABC
2	Material	Weather & UV resistant Reinforced Polymer
3	Shear Head	made of Aluminium Alloy/Zinc Alloy
4	Applicable standard	NFC 33 020 or equivalent IS with latest amendments if any
5	Type of Connector	Insulation Piercing - ABC
6	Application Voltage	1.1 KV
7	Is any metallic part carrying potential in operation exposed during installation	No
8	Are end caps of branch cable a) Slide on type b) Rigid	Slide on Type
9	Are torque limiting shear heads provided to tightening bolts	Yes. Hexagonal shear head screw
10	Range of Cable size Accommodated for Main and Branch	Main 16-95 sq mm Tap 16-95 Sq mm
11	Minimum & Maximum Torque Defined (Connector should be tightened up to 70% of the Minimum Torque indicated by the manufacturer)	Min -> As per the Manufacturer's design & supported by Type Test Report Max -> As per the Manufacturer's design & supported by Type Test Report
12	Torque for establishing connection between main & branch (Nm)	70% of the minimum Torque indicated by the manufacturer
13	Max tensile load for no breakdown of main conductor (for each cross section)	5 KN for 1 min (70 sq mm) and 1.2 KN for 1 min (16 sq mm)
14	Max Tensile load on branch conductor for no slippage & Breakdown	500 N for 1 min
15	Voltage withstand under water emersion. The entire assembly shall be immersed at a depth of 30 cm for 30 min with the free ends of Main & Branch cable out of the water.	6 KV AC Voltage for 1 min
16	Marking and embossing on the connector (Embossing/ Permanent marking)	Trade Mark, WBSEDCL Main 16-95 sq mm Tap 16-95 Sq mm
17	Max Rated Torque shall not exceed	20 Nm
18	No breakdown of any part of the connector or the core conductor shall occur	at 1.5 times of Max Torque indicated by the Manufacturer.
19	Rated bolt tightening torque (Bolt should be Zinc Coated)	As per Manufacturer's specification & Type Test Report
20	Connecting teeth	made of Aluminium Alloy with

		2mm(minimum) thickness
21	Tightening screw heads	Hexagonal shear head screw
22	No Loosable part is allowed in the IPC	Provided
23	Torque required for breaking shear head	Manufacturer's specification & Type Test Report
24	Dimensional Tolerance	As per NFC & valid type test report.
25	List of Test Reports	Type Test
		i) Mechanical Test ii) Shear head function's Test & Connector Bolt tightening Test iii) Climatic Ageing Test iv) Corrosion Test v) Test for Mechanical damage to Main conductor vi) Branch Cable Pullout Test vii) Dielectric Voltage Test & Water tightness Test viii) Low Temperature assembly test ix) Electrical Ageing Test
26	Packing	With plastic wrapping for each piece packed and lots (30-50 nos/ Manufacturer's specific) in Good quality cartons
27	Guarantee	As per SBD
28	MQP along with GTP	Yes/ No
	Updated Valid Calibration certificates of all testing equipments from NABL accredited Lab only.	Yes/ No
	Valid Type Test Report as per SBD	Yes/ No
	Details of Raw Material Suppliers as per standard.	Yes/ No
	Credentials of Supply to WBSEDCL and other State Utilities	Yes/ No
	All documents stamped and signed by Authorised signatories of Manufacturer and Turnkey Agencies.	Yes/ No