



WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED
(A Govt. of West Bengal Enterprise)
OFFICE OF THE DIVISIONAL MANAGER : BARASAT DIVISION

BARASAT DIVISIONAL OFFICE
4 JESSORE ROAD(E).CHAMPADALI MORE, BARASAT- 700124
Phone No. : 9230961440
e-mail : dm.barasat@wbasedcl.in

NOTICE INVITING e-TENDER

NIT No. : DM/BSTD/Tender/2026-27/27

Date: 10.09.2026

Tender is invited by the Divisional Manager, Barasat Division, North 24 Parganas, WBSEDCL, 4 Jessore Road(E), Champadali More, Barasat, Kolkata-700124 through electronic tendering (e-tendering) from manufacturers/Distributors for sample approval, supply, delivery and installation of the following item as per schedule detailed below.

DESCRIPTION OF ITEMS TO BE SUPPLIED AND INSTALLED:

Sl No	Description of Item	Unit	Qty	Rate	Estimated Cost	Earnest Money	Completion Time
1.	Ins. pierce Con.(ABC) 50-70 Sq.mm. Approved GTP drawing & technical specification of the offered brand from Planning/Project Dept. of WBSEDCL(Mat Code: 0504026741)	Nos	11000	Rs. 88.88	Rs. 9,77,680/- (Nine Lacs Seventy Seven Thousand Six Hundred and Eighty only)	2% (Two Percent) of the Estimated Cost	30 days (From the date of issuance of Purchase Order)
2.	FXD & MVG CONTACT(11KV 200A TPGO)R-TYPE (Weighing not <1.3 kg) (Mat Code: 304042532) Sample to be submitted.	Set	200	Rs. 950.00	Rs. 1, 90, 000/- (One Lacs Ninety Thousand Only)	2% (Two Percent) of the Estimated Cost	30 days (From the date of issuance of Purchase Order)
3.	FXD & MVG CONTACT(11KV 400A TPGO)R-TYPE (Weighing not <1.8 kg) (Mat Code: 304042732) Sample to be submitted.	Set	200	Rs. 1650.00	Rs. 3, 30, 000/- (Three Lacs Thirty Thousand Only)	2% (Two Percent) of the Estimated Cost	30 days (From the date of issuance of Purchase Order)
4.	Cu FLEX.BRAIDED TAPE (11KV 400A TPGO) (Weighing not < 780-800 gm) (Mat Code: 0304043441) Sample to be submitted.	Set	200	Rs. 1245.00	Rs. 2, 49, 000/- (Two Lacs Forty Nine Thousands Only)	2% (Two Percent) of the Estimated Cost	30 days (From the date of issuance of Purchase Order)
TOTAL AMOUNT						Rs. 17, 46, 680.00 (Seventeen Lacs Forty Six Thousand Six Hundred and Eighty Only)	

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

Delivery Address: Barasat Divisional Store, North 24 PGS, WBSEDCL, Anantapur, Barasat Barrackpore Road, Kolkata- 700125

For e-filling 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 (12).
- 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 bidders 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. (Applicable Only for Item no. 1)

b) Bid Specific Authorization certificate from the OEM is to be submitted by the bidder along with credential documents as per attached format. (Applicable Only for Item no. 1)

5. **One Sample of (Item 2, Item 3 and Item 4) are to be submitted at Barasat 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 name of the vendor/bidder; for a valid tender, sample has to be approved by the Divisional Authority (Sample Approval Committee). The Technical Bid of the bidders, whose samples aren't approved, will not be opened for Technical 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 handover of the site; otherwise, penalty may be imposed as per rule of WBSSEDCL for delay of delivery of ordered materials.
9. The necessary documents along with bill are to be submitted at Barasat Divisional Office. The SRV will be issued from Barasat Divisional Store, WBSSEDCL.
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 WBSSEDCL.
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
01.	Date of uploading of N.I.T and Tender Documents (online). [Publishing date]	17.09.2026 after 10:00 hrs
02.	Documents sell / download start date (online).	17.09.2026 after 10:00 hrs
03.	Bid Submission upload start date (online)	17.09.2026 after 10:00 hrs
04.	Bid Submission upload end date (online)	30.09.2026 up to 10:00 hrs
06.	Date for opening of technical bid (online) for the Bidders	05.10.2026 after 10:00 hrs
07.	Start date for submission of sample (Refer to Clause 5 above). Applicable only for Item 2, Item 3 and Item 4.	17.09.2026 after 10:00 hrs
08.	End date for submission of sample (Refer to Clause 5 above). Applicable only for Item 2, Item 3 and Item 4.	30.09.2026 up to 10:00 hrs
09.	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

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.
- IV) **The tender committee has full right to reject any bid, if the quoted price of any item seems unreasonably high or low with respect to the estimated price.**
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 Sr. SAE/Jr. Manager (Stores) 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.
- 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 Manager (F&A), Barasat Division, WBSEDCL, will be the Paying Authority.

25. **CONSIGNEE:** The JE(E) Gr-I & Store In Charge, Barasat Divisional Store, WBSEDCL will be the consignee.

26. LIQUIDATED DAMAGE FOR DELAY IN DELIVERY:

In case of delay in delivering items the following penalty will be imposed as stated below after the stipulated delivery time.

"0.143% of the contract value of the works for each calendar day of delay, subject to maximum of 10% of the contract value of the work."

27. Any further information along with WBSEDCL's Revised Purchase Policy may be had 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*

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.

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:

- a) Copy of Audit Reports / IT return for last 3 (three) financial years,
- b) PAN.
- c) GST registration certificate.
- d) Professional Tax Clearance Certificate / Professional Tax (PT) deposit receipt challan for the last month.

e) Credential criteria 1:

1. 1 No. PO having value not less than 80% of the total financial involvement in the NIT within last 7 (Seven) years. **AND**
2. Credential PO must have IPC Connector of Value not less than 80% of the Value of IPC put to tender in the NIT i.e The Value of IPC in the credential PO should not be less than 7,82,144/- **AND**
3. At least one PO for Remaining Items in the NIT **AND**
4. Delivery Challan of the supporting POs.

f) Credential criteria 2:

1. 2 Nos. PO having value not less than 50% of the total financial involvement in the NIT within last 7 (Seven) years. **AND**
2. Credential PO must have IPC Connector of Value not less than 50% of the Value of IPC put to tender in the NIT i.e The Value of IPC in the credential PO should not be less than 4,88,840/- **AND**
3. At least one PO for remaining items in the NIT **AND**
4. Delivery Challan of the supporting POs.

g) Credential criteria 3:

1. 3 Nos. PO having value not less than 40% of the total financial involvement in the NIT within last 7 (Seven) years. **AND**
2. Credential PO must have IPC Connector of Value not less than 40% of the Value of IPC put to tender in the NIT i.e The Value of IPC in the credential PO should not be less than 3,91,072/- **AND**
3. At least One PO for remaining Items in the NIT **AND**
4. Delivery Challan of the supporting POs.

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

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	<ol style="list-style-type: none"> 1. PAN Card. 2. Current Professional Tax (PT) submission Challan cleared up to last month. Application for such addressed to the competent authority may also be considered. 3. GST Registration Certificate. 4. TYPE TEST REPORT (CPRI/ERDA) in favour of the Brand satisfying the criteria mentioned in specification.(for item No-1) 5. Approved GTP & Drawing & Technical Specification of the offered brand from Planning/Project Department of WBSEDCL(for item No-1)
02.	Company Detail(s)	Company Detail	<ol style="list-style-type: none"> 1. Trade Licence 2. Certificate of incorporation of company (if applicable).
03.	Credentials	Credential	<ul style="list-style-type: none"> • Documents in support of supply of the similar items to WBSEDCL/Govt./Semi Govt./PSU, in earlier occasions within last 7(Seven) financial years as mentioned below: • Brand/Make of IPC 50-70 (ABC) must be ISO certified. <p>Credential criteria 1:</p> <ul style="list-style-type: none"> • 1 No. PO having value not less than 80% of the total financial involvement in the NIT within last 7 (Seven) years. AND • Credential PO must have IPC Connector of Value not less than 80% of the Value of IPC put to tender in the NIT i.e The Value of IPC in the credential PO should not be less than 7,82,144/- AND • At least one PO for remaining items in the NIT. AND • Delivery Challan of the supporting POs.

			<p>Credential criteria 2:</p> <ul style="list-style-type: none"> 2 Nos. PO having value not less than 50% of the total financial involvement in the NIT within last 7 (Seven) years. AND Credential PO must have IPC Connector of Value not less than 50% of the Value of IPC put to tender in the NIT i.e The Value of IPC in the credential PO should not be less than 4,88,840/- AND At least one PO for remaining items in the NIT. AND Delivery Challan of the supporting POs. <p>Credential criteria 3:</p> <ul style="list-style-type: none"> 3 Nos. PO having value not less than 40% of the total financial involvement in the NIT within last 7 (Seven) years. AND Credential PO must have IPC Connector of Value not less than 40% of the Value of IPC put to tender in the NIT i.e The Value of IPC in the credential PO should not be less than 3,91,072/- AND At least one PO for remaining items in the NIT. AND Delivery Challan of the supporting POs.
04.	Financial Information	Financial Information	<p>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 (Form 3CA and Form 3CB) for last 3 years. [Non-statutory documents]</p> <p>b) Average annual turnover during last 3 years shall not be less than 30% of the estimated cost.</p> <p>c) Working capital in the year, proceeding the year of bid submission shall not be less than 30% of the estimated cost.</p> <p>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.</p>
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.

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.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.

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.**

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/BSTD/Tender/2026-27/ 27** dt: **10.09.2026**

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

Format for bid specification authorization

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

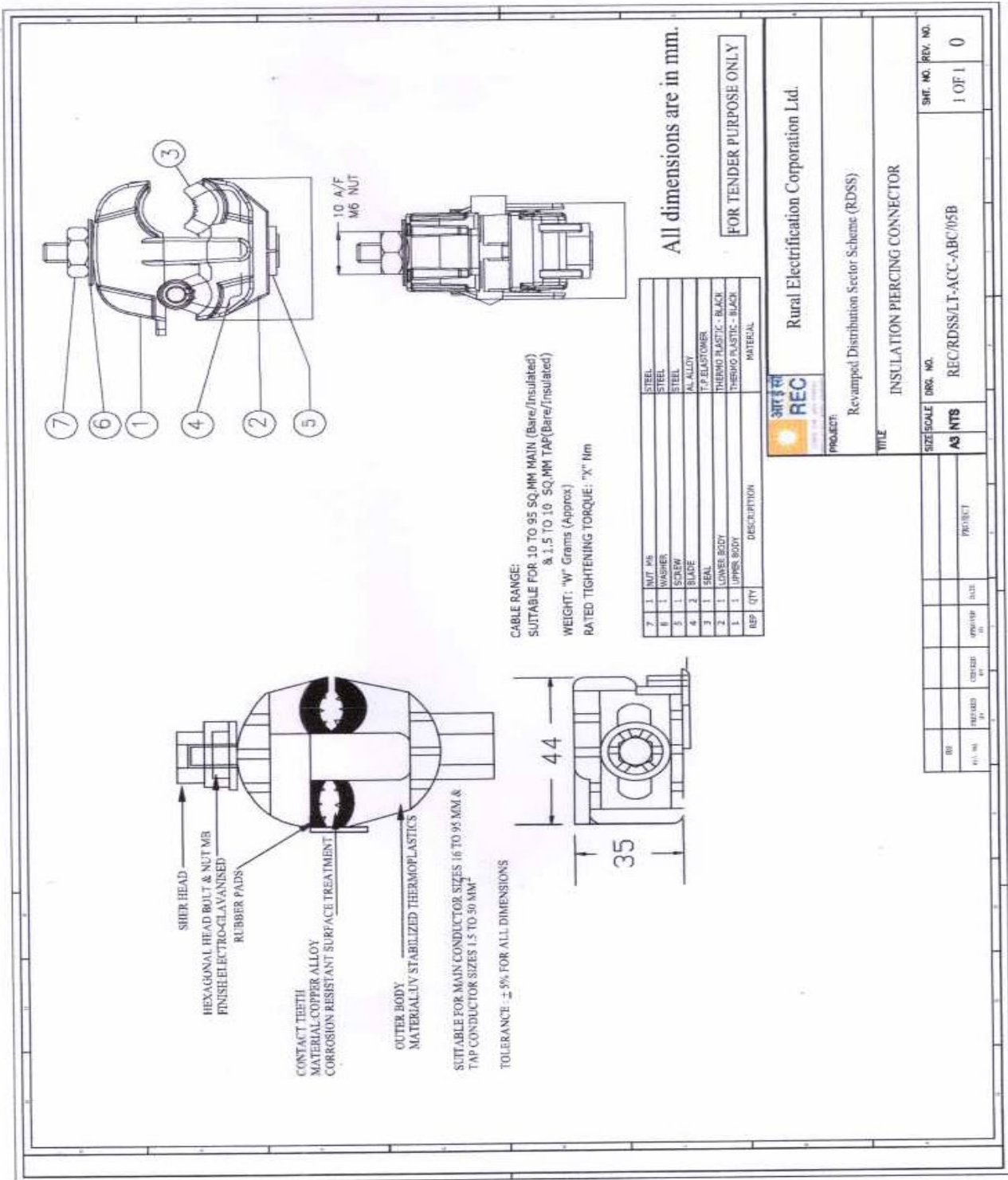
To,
The Divisional Manager
Barasat Division
WBSEDCL
ADMINISTRATIVE BUILDING,
04 JESSORE ROAD, CHAMPADALI MORE,
BARASAT - 700124

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.



SAMPLE DRAWING WITH TECHNICAL SPECIFICATION OF IPC (50-70) ABC.

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

SAMPLE DRAWING WITH TECHNICAL SPECIFICATION OF 11 KV 200 R TYPE CONNECTOR

