

**WBSEDCL****WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED**

(A Govt. of West Bengal Enterprise)

Office of the Chief Engineer: Procurement & Contracts Department

Vidyut Bhavan (4th Floor): Bidhannagar: Block-DJ, Sector-II, Kolkata-700 091Phone No. 033-2359-8397: Fax No. 033-2359-1921 / e-mail -procurementdept@wbsecl.inCIN- U40109WB2007SGC113473, website: www.wbsecl.in, GSTIN No. 19AAACW6953H1ZX**NOTICE INVITING TENDER****N.I.T No - P-36/2025-26/PC-II/GI**

Tenders are invited by the Chief Engineer, Procurement & Contracts Department, WBSEDCL, Vidyut Bhavan (4th Floor), Bidhannagar, Block-DJ, Sector-II, Kolkata-91 through electronic tendering (e-tendering) followed by **Reverse Auction (Tender cum Auction)**, from genuine manufacturers only for manufacture, testing, supply and delivery of the following items as per schedule detailed below.

Description of items	Quantity (M.T.)	Estimated Value (Rs. in Crore)	Minimum quantity to be offered by the tenderer
G.I. Wire 4 mm	1000	5.66	700 MT
G.I. Wire 5 mm	2500	13.94	1750 MT
G.I. Stay Wire 7/2.5 mm	1000	6.08	700 MT
G.I. Stay Wire 7/3.15 mm	1500	8.90	1050 MT
G.I. Stay Wire 7/4 mm	100	0.63	100 MT
Total : Rupees Thirty Five Crore Twenty Lakh Only		35.20	

Tender Fee : NIL

Price: The price shall be **FIRM**. Offered quantity shall not be less than the minimum quantity as specified above within WBSEDCL's stipulated Delivery period for normal participation.

Bidders applying for Promotional Order shall mention the offered quantity in **Annexure-II** as per Clause no. 20 of Instructions To Bidders of NIT.

Further, the bidders who are applying for Promotional Order, the words "**APPLICATION FOR PROMOTIONAL ORDER**" shall be mentioned positively on the top in **bold & capital letters** in Application for Tender (*Vide Annexure-I*).

Earnest Money Deposit :

- The fixed Earnest money deposit of **Rs.4,40,000 /-** as mentioned in e-Tender, indicates the amount of EMD to be submitted **in the form of BG only** by the Bidders who will apply for **Promotional Order only**.
- All the Bidders, except who are applying for Promotional Order needs to submit 2½% of the Estimated Value of the item-wise offered quantity as mentioned above.
- If the offer is submitted with inadequate Earnest Money as mentioned above i.e less than 2½ % of the pro-rata Estimated value of the item-wise offered quantity excepting for those applying for promotional order, the bid will not be opened.

Superintending Engineer (E)
Procurement & Contract Deptt.
WBSEDCL
Vidyut Bhavan, Kolkata-700 091

26.03.25

Schedule of Dates for e-Tendering:

Sl. No.	Activity	Date & Time
1.	Publishing Date	28.08.2025 at 12.30 Hrs
2.	Document Download start date	28.08.2025 at 12.30 Hrs
3.	Date of Pre-bid Meeting	04.09.2025 at 11:00 Hrs
4.	Bid submission start date	05.09.2025 at 16.00 Hrs
5.	Bid submission end date	08.10.2025 at 14.00 Hrs
6.	Last date of physical submission of EMD through BG, if so	09.10.2025 at 16.00 Hrs
7.	Technical Bid opening date	10.10.2025 at 14.30 Hrs
8.	Financial Bid opening date	To be intimated after evaluation of Technical Proposal
9.	Reverse Auction date & time	To be intimated after evaluation of Financial Proposal

Intending bidder desirous of participating in the tender invited by the Offices of WBSEDCL shall login to the e-Procurement portal of Government of West Bengal <https://wbtenders.gov.in> using his/her login Id and password. 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, directly with the help of the e-Token provided. This is the only mode of collection of tender documents. Details of submission procedure are given in "Instructions to Bidders".

Terms & conditions of the Tender Notice :

1. The tenderer or their duly authorized representative should attend the Pre-bid Meeting at the stipulated date and time.

2. The bidder shall select the tender to bid and initiate payment of EMD. **Earnest Money Deposit** amounting to 2½% (Two & Half Percent) of the pro-rata estimated value of the itemwise offered quantity, as mentioned above, shall be submitted individually along with the offer.

3. Following payment options are available for paying EMD amount through online mode:

i. **Net-banking** through Payment Gateway.

ii. **RTGS/NEFT Payment:** On selection of RTGS/NEFT as the payment mode, the e-Procurement portal will show a pre-filled challan having the details to process RTGS/NEFT transaction. The bidder will print the challan and use the pre-filled information to make RTGS/NEFT payment using his bank account. Once the payment is made, the bidder will come back to the e-Procurement portal to continue the bidding process after expiry of a reasonable time to enable the RTGS/NEFT process to be completed.


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iii. Submission of EMD through BG: For submission of EMD in the form of BG, bidders will have to opt for EMD Exemption in e-tender portal and upload scanned copy of BG in the EMD exemption document upload section. Bank Guarantee (BG) should be drawn on any scheduled Bank drawn as per the proforma of Bank Guarantee for Earnest Money, given with this Tender Document vide Annexure-III, with initially valid for upto 6 (six) months from the due date of submission of tender and with a claim period of another 3 (three) months, subject to further extension if required in favour of West Bengal State Electricity Distribution Company Limited payable at Kolkata.

Physical copy of BG shall be submitted at the office of tender inviting authority as per respective clauses of NIT.

4. For submission of EMD / Security Deposit in the Form of **BG**, the particulars of the Banker of Procurement & Contracts Department, WBSEDCL are given below:

Bank Name: **Punjab National Bank**
Branch: **Mayukh Bhavan Branch, Salt Lake, Sector-I, Kolkata-700091**
Cash Credit A/c No.: **1096250031709**
IFSC Code: **PUNB0109620**
MICR Code: **700024307**

5. EMD amount can be paid either in online mode or submitted through Bank Guarantee (BG) in full. **Partial payment through online mode and remaining submission through BG is not allowed.**

6. General Instructions for Online Payment:

- The bidder will have to mandatorily pay through Net-banking facility once Net-banking mode is opted for payment.
- Status of NEFT/RTGS payment through Challan for a bid may take time to be updated in 24 Hrs. (approx.). As such bidders opting to pay through NEFT/RTGS mode shall make payment well before 24 Hrs. to avoid any complicity.
- In case actual **EMD amount** as per NIT is **more than the one shown in e-tender portal**, bidders shall mandatorily opt for **NEFT/RTGS (Challan mode)**. In that case **the total actual EMD amount** is to be paid only through NEFT/RTGS mode (challan mode). Challan thus generated will contain the amount which has been mentioned in e-tender portal. However, for payment of actual amount calculated as per NIT, bidders shall **strike through** the amount in challan and **manually put actual EMD amount** while following due payment procedure at respective bank.
- The bank account used for payment of EMD by the bidders shall be maintained operative until the completion of tendering process. All refunds will be made mandatorily to the Bank A/c from which the payment of EMD has been initiated.

7. Refund/Settlement of EMD Amount:

- For unsuccessful bidders EMD amount submitted against the tender shall be refunded automatically (except EMD submitted in the form of BG), through an automated process, by NIC portal on receipt of updated status of any bid.
- For successful bid(s), EMD will be refunded from WBSEDCL authority after completion of tendering process and following due procedures.


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- The bank account used for payment of EMD by the bidders shall be maintained operative until the completion of tendering process. All refunds will be made mandatorily to the Bank A/c from which the payment of EMD has been initiated.
- For any queries related to payments and refunds, bidders will have to communicate with ICICI Customer Support, viz, 033-40267512/13 since payment gateway facility used by E-tender portal is maintained by ICICI.

8. Successful bidder(s) shall have to mandatorily **create vendor id through WBSEDCL Vendor Corner**, if not created earlier.

9. The bidder shall submit **along with the offer** necessary documents in support of their previous supply of the items of the tender to WBSEDCL/Other Power Utilities/Other Govt. Departments in earlier occasions and financial capabilities to the extent of the estimated financial amount of their offer.

10. No agent is allowed to participate in the Tender. Original manufacturers will only be allowed in the tender.

11. 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.

12. 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.

13. The offer shall remain valid for a minimum period of 120 days from the next day of opening of the tender.

14. At the time of placing purchase order, the quantity mentioned in the Tender Document may vary up to $\pm 25\%$.

15. Any evidence of unfair Trade Practices including over charging, price fixing, cartel etc. as defined in various statutes, will automatically disqualify the bidders.

16. WBSEDCL is not bound to accept the lowest tender and reserves the right to cancel any or all the tenders unilaterally.

17. Any bidder against whom FIR/Complaint is lodged with Police by WBSEDCL shall not be eligible to participate in the bidding process.

18. 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.

19. 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. 033-23197731/565*



INSTRUCTIONS TO BIDDERS

1. Eligibility for participation :

- i) Original manufacturers of the tendered items will only be eligible in the tender.
- ii) The bidders shall have credential for supply of the tendered items to WBSEDCL / other Power Utilities / other Govt. Departments in earlier occasions within last three financial years.
- iii) The bidder shall have adequate financial capability to the extent of the estimated value of their offer. For the financial eligibility of the bidder, pro-rata annualized value of the orders in the bidder's hand corresponding to the contract period of this tender along with the estimated value of the offer of the bidder should not exceed **150 %** of their Average Annual Turnover of the last three completed financial years.

2. Minimum quantity for offer:

- i) Tenderers are required to submit their offer for the quantity not less than the minimum quantity as specified in Notice Inviting Tender (NIT).

Note: Tenders will be summarily rejected if the quantity offered by the bidder is less than the minimum quantity as specified in the NIT.

- ii) At the time of placing purchase order, the quantity mentioned in the Tender Document may vary upto $\pm 25\%$.

3. 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

4. Registration of bidder:

Any bidder willing to take part in the process of e-Tendering will have to be enrolled & registered with the e-Procurement system, through logging on to <https://wbtennders.gov.in>.

5. Digital Signature certificate (DSC) :

Each bidder is required to obtain a Class-II or Class-III Digital Signature Certificate (DSC) for submission of tenders.

- 6. The bidder can search and download NIT & Tender Documents electronically from the website mentioned in Clause 4 using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.

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7. Submission of Tenders:

7.1 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 in Portable Document Format (PDF) to the portal in the designated locations of Technical Bid.

The bidder needs to download the Forms / Annexures, fill up the particulars in the designated Cell and upload the same in the designated location of Technical Bid. He 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.

7.2 Technical Proposal

The Technical Proposal shall contain scanned copies and/or declarations in the following standardised formats in two covers (folders).

A. Statutory Cover

a) To be submitted in "Drafts" folder

- i. Tender Fee: Not Applicable.
- ii. Earnest Money Deposit (EMD):
As prescribed before about payment options in the NIT.

b) To be submitted in "Annexure" folder


- i. Application for Tender (Vide Annexure -I)
- ii. Price Schedule in unpriced condition (Vide Annexure -II)

The bidder is to mention offered quantity and applicable percentage only in respect of SGST, CGST or IGST as applicable, in the space marked for in the Annexure -II.

c) To be submitted in "NIT" folder

- i. Notice Inviting Tender (NIT)
- ii. Addenda/Corrigenda: if published.

Note: Bidders are to keep track of all the Addendum/Corrigendum issued with a particular tender and upload all the above digitally signed along with the NIT. Tenders submitted without the Addendum/Corrigendum will be treated as informal and liable to be rejected.



d) To be submitted in "Forms" folder

i. Schedule of Bids

The bidder needs to download the form for "Schedule of Bids" (*Vide Form-I*), fill up the particulars in the designated Cell and upload the same in the designated location of Technical Bid. Submission of incomplete "Schedule of Bids" will render the tender liable to summary rejection.

ii. Declaration Sheet (Vide Form-II), Deviation Sheet (Vide Form-III) and Check List (Vide Form-IV), Proforma for undertaking to be submitted by the Bidders (Vide Form-IX) and Format of Letter of Bid (Vide Form-X)

iii. Guaranteed Technical Particulars

The bidder needs to download the form for "Guaranteed Technical Particulars" (*Vide Form-V*), fill up the particulars in the designated Cell and upload the same in the designated location of Technical Bid. Submission of incomplete "Guaranteed Technical Particulars" will render the tender liable to summary rejection.

iv. Summary statement (Vide Form-VI) of average annual turnover for a period of the last three financial years, certified by the Auditor appointed under Companies Act, 2013. In case the bidder is not a company, certificate of Tax Auditor may be submitted.

v. Statement of orders executed during last three financial years (Vide Form-VII).

vi. List of Type Test Reports carried out within five years as on date of bid submission. (Vide Form-VIII).

(Only downloaded copies of the above documents are to be uploaded, virus scanned and digitally signed by the bidder)

Note: Tenders will be summarily rejected if any item in the statutory cover is missing.

B. Non-Statutory Cover (My Document)

i. Company Details:


Proof of Original Equipment Manufacturer.

ii. Certificates:

- 1) PAN Card details.
- 2) Current Professional Tax (PT) submission Challan. Application for such addressed to the competent authority may also be considered.
- 3) GSTIN registration certificate.
- 4) Banker's certificate to the Chief Engineer, P&C Department or in a generalised format regarding financial capability issued within last one year from the date of opening of tender.
- 5) MSME Certificate, if any.
- 6) Exemption Certificate, if any, issued by any competent authority.

iii. Financial Info :

Annual turnover for a period of the **last three** financial years.



iv. Credential:

Documents in support of supply of the tendered items to WBSEDCL / other Power Utilities / other Govt. Departments in earlier occasions within last three financial years as mentioned below:

- 1) Purchase Orders, Inspection Offer letter, Despatch Instructions, Signed Challans etc. for completing supply of the item against a particular contract.
- 2) Type Test Reports carried out within last five years from the date of opening of tender.

v. Declaration:

- 1) List of Orders in hand

The bidder shall submit the list of orders in his hand mentioning the order value to be executed within one year from the date of submission of bid.

- 2) Others: Any other documents found necessary.

Note : Failure of submission of any one of the above mentioned documents will render the tender liable to summary rejection.

7.3 Financial Proposal

The financial proposal should contain the following documents in one cover (folder).

Bill of Quantities (BOQ)

The bidder is to quote the rate 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 and digitally signed by the bidder).*

Unit Ex-works Price (in Rs.), Unit Freight charges (in Rs.), Unit Insurance charges (in Rs.), CGST & SGST or IGST as applicable (in %), other statutory taxes, if applicable should be mentioned while quoting the rate online in the BOQ as per relevant office order of WBSEDCL.

8. Submission of original copies of documents of Earnest Money Deposit:

- i. **Place of submission:** The original copies of the BG, if so, towards Earnest Money Deposit shall be submitted in the following office:

Office of the Chief Engineer,
Procurement & Contracts Department,
West Bengal State Electricity Distribution Company Limited,
Vidyut Bhavan, 4th Floor, D-Block,
Bidhannagar,
Kolkata – 700091.

- ii. **Time of submission:** The original copies of BG, if so, towards EMD shall be submitted in a sealed envelope in the office as stated above within the date and time as specified in the NIT. If the bidder fails to submit the original copies within the due date and time his tender will not be opened and his bid will stand rejected.


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9. Conditional and incomplete tender

Conditional and incomplete tenders are liable to summary rejection.

10. 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.

11. Earnest Money Deposit (EMD)

- (a) Amount of earnest money deposit shall be 2.5% (two and half percent) of the **pro-rata estimated value of the Item wise offered quantity specified in the NIT.**
- (b) Earnest Money shall be paid as mentioned before in detail. Earnest Money shall (if, in the form of Bank Guarantee) to be submitted as per the proforma of Bank Guarantee for Earnest Money, given with this Tender Document vide Annexure-III, with validity upto 6 (six) months from the due date of submission of tender and with a claim period of another 3 (three) months.
- (c) Tenderer shall not claim any interest on Earnest Money Deposit.
- (d) Earnest money will be refunded as per clause 7 of Terms & conditions of the Tender Notice of this NIT.
- (e) **Earnest Money submitted will be liable to forfeiture in case of**
 - (i) Revocation of bid or alteration in quoted rates in Price Bid/Reverse Auction or any change in the terms and conditions of the bid after its opening without being asked by the Tender Inviting Authority.
 - (ii) If the successful tenderers fails to accept Purchase Order / LOI issued within their offered validity period.
 - (iii) For failure to submit specified Security Deposit within time limit indicated in the Purchase Order / LOI.
 - (iv) **If any cartel is formed by the tenderer in their quotation.**

12. Opening and evaluation of tender

12.1 Opening of Technical Proposal

- i. Technical proposals will be opened by the Tender Inviting Authority or his authorised representative electronically from the website stated above, using their Digital Signature Certificate.
- ii. Technical proposals for those tenderers whose original copies of BG towards EMD have been received/payment successfully received through Net- Banking / RTGS/NEFT as described before will only be opened. If the offer is submitted with **inadequate Earnest Money, the bid will not be opened.**


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- iii. Intending tenderers may remain present if they so desire.
- iv. Cover (Folder) for Statutory Documents (vide Clause 7.2.A) will be opened first and if found in order, Cover (Folder) for Non-statutory Documents (vide Clause 7.2. B) will be opened. If there is any deficiency in the Statutory Documents, the tender will summarily be rejected.
- v. Decrypted (transformed into readable formats) documents of the Statutory and Non-statutory Covers will be downloaded for the purpose of evaluation.


12.2 Techno-commercial Evaluation of Tender

- i) While evaluation, the Tender Inviting Authority or his authorised representative may summon of 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.
- ii) 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 techno-commercially qualified tenderers.

12.3 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 inter-alia, 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.

12.4 Reverse Auction:

- a) Reverse Auction will be conducted after opening of the price bids of a tender. Reverse Auction shall be conducted amongst all the techno-commercially qualified bidders except the Highest quoting bidder (i.e **H₁ bidder**) provided the total nos. of techno-commercially qualified bidders are 04(four) or more. If there are multiple bidders quoting the same H₁ rate, the bidder who was the last to submit their bid in the www.wbtenders.gov.in will be eliminated.
 - b) The date and time of Reverse Auction, Start bid price, Rate of decrement etc will be provided in the portal well in advance of the date of Reverse Auction. The decrement of the bid price will be multiple of decrement value for that item.
 - c) After putting bid price by any bidder within last 10 minutes of closing time, the closing time of Reverse Auction will be automatically extended by 10 (ten) minutes in a repetitive loop.
 - d) During Reverse Auction the quoted Price will be the Landed price which will include Unit Ex-Works, Unit Freight charges, Unit Insurance charges (in Rs.) and GST (at applicable rate). During Reverse Auction process the Landed Price is to be varied by varying Ex-Works price only and keeping the Freight charges, Insurance charges & percentage % of GST unaltered. The **L1 bidder** will submit their Breakup of Price within 03 (Three) working days after completion of Reverse Auction.
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- e) During the Reverse Auction, the bidders will be able to see the prices quoted in Real Time.
- f) Maximum admissible bid value will be last bid value minus minimum decrement as specified before starting of Reverse Auction.
During bidding of Reverse Auction, bidder will not be able to quote less than the seal price applicable at the time of bidding which is calculated as
"The price equal to 10(Ten)% of last bid value minus rate of decrement."
- g) Neither WBSEDCL nor NIC can be held responsible for consequential damages such as system problem, inability to use the system, loss of electronic information, power interruptions, UPS failure, local Bandh/ strike etc.
- h) The L1, L2, L3, L4, L5..... position will be considered from the final bid position after Reverse Auction.
13. 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.
14. In case the tenderer becomes eligible for placement of purchase order on them for the first time, the tenderer will get order upto 30% of their offered quantity. If the tenderer is of National / International repute or if the tenderer had supplied the item of the tender in a single order to any Power Utility / Govt. Department in earlier occasion within last three financial years for a minimum quantity equivalent to 80% of the quantity of this tender, the bidder may get order upto maximum 50% of their offered quantity.
- 15. 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.
- 16. 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.
- 17. 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.
- 18. 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.


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19. Return of Earnest Money of the unsuccessful tenderer(s):

For return of the Earnest Money of the unsuccessful tenderer(s), he/she/they is/are to apply for the same to the Chief Engineer (Procurement & Contracts), WBSEDCL, giving the reference to the NIT No., date of tender, amount and mode of Earnest Money deposited – all in a complete form, if the EMD has been submitted in the form of BG. Details of refund/settlement of EMD amount is mentioned in clause 7 of Terms & conditions of the Tender Notice of this NIT.

20. Promotional order:

To develop new vendors, promotional orders on new units will be placed for the quantity upto 5% of the total quantity for which Purchase Order would be issued against the tender.

The original equipment manufacturers, who intend to participate in the tender to introduce their new units, may apply for promotional order by submitting **Earnest Money, in the form of BG only** on estimated value of 5% of item wise tendered quantity. However, at the time of submission of offer, the Fixed EMD shall be submitted as per Earnest Money Deposit clause of the Notice Inviting Tender.

For submission in Statutory Cover as stated in Clause No. 7.2 A, in Application for Tender (Vide Annexure-I) “**APPLICATION FOR PROMOTIONAL ORDER**” shall be written on the top in bold & capital letters in case of original equipment manufacturers intend to apply for promotional order as mentioned above.

If the bid of the new vendor is found techno-commercially eligible, their offer for promotional order will be processed separately after finalization of original tender subject to acceptance of the lowest evaluated rate of the tender by the vendor.

Financial proposal of the bidder for promotional order shall not be opened. Order may be placed at the discretion of WBSEDCL, at the lowest evaluated rate of the Purchase Order against the original tender.

However, placement of promotional order is not mandatory for each tender and shall be processed at the discretion of WBSEDCL.


26.08.2013

NOTE:-

1. GCC clause no. 2, 6(c), 10, 11, 18 & 19 will be modified as per present tax structure.
2. GCC Clause No.20 (Issuance & submission of Way Bill) will be modified as follows:

“E-Way Bill shall be generated by the supplier for the movement of materials/equipments from their location to the WBSEDCL stores. WBSEDCL’s GSTIN is 19AAACW6953H1ZX”.

3. GSTIN no. of factory premises, from where goods will be dispatched and relevant HSN code of the material, are to be mentioned in a separate sheet and uploaded in the bid.
4. Evaluation of the price bids will take into account the Unit Landed Cost of the material/equipment at the final destination. For the purpose of evaluation, the Unit landed cost will be arrived as following:-

(i) Unit Ex-works Price (in Rs.) + (ii) Unit Freight charges (in Rs.) + (iii) Unit Insurance charges (in Rs.) + (iv) CGST & SGST or IGST as applicable (in %) on Ex-Works, Freight charges & Insurance charges + other statutory taxes, if applicable.

5. TDS on GST will be applicable.

6. In addition to the Security Deposit under clause no. 1 of GCC of NIT in two parts of 2.5% each, upon the ordered value, Additional Performance Security equal to 10% of the ordered value, should be furnished in the prescribed format, within a period of 30 days from the date of issue of the order, for bids falling in the range of -20% to -80% of the estimated rate. This Security Deposit shall remain valid upto the time of completion of supply of materials, with a claim period of further six months.
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**GENERAL CONDITIONS OF CONTRACT FOR SUPPLY AND DELIVERY
OF EQUIPMENT / MATERIALS**

1) SECURITY DEPOSIT:

The security deposit in two parts of 2.5% each upon the Ordered value, should be furnished within a period of 30 days from the date of issue of the order to the paying officer under intimation to Chief Engineer, P&CD.

Thereafter one part will remain valid upto 3(three) months from the date of completion of supply and other part will remain valid upto a period of 19 (nineteen) months in general, except Energy Meters, and 67 (sixty seven) months in case of all types of Energy Meters. For equipments & cables, 61 (sixty one) months in case of Equipments & all types of HT cable & LT Aerial Bunch Cable from the date of completion of supply.

It may be in the form of Bank Guarantee issued by any schedule Bank of India duly approved by Reserve Bank of India in this regard, in which event it would be open to WBSEDCL or its designated Officer to prefer the claim for invocation/encashment of the concerned Bank Guarantee within 6 months from the expiry of the period of such guarantee. Accordingly, there should be a claim period of 6 (six) months in each of the Bank Guarantees from the date of expiry of the validity. The B.Gs are to be extended/revalidated by the supplier to maintain the above time schedule of 3 (three) months & 19 (nineteen) months in general except Energy Meters, Equipments & all types of HT cable & LT AB Cable, 67 (sixty seven) months in case of all types of Energy Meters, and 61(sixty one) months for Equipments & all types of HT cable & LT Aerial Bunch Cable, for delay in physical delivery due to any reason whatsoever.

The Bank Guarantee should be executed in line with enclosed Proforma and on non-judicial stamp paper of Rs.100/=. **The Security Deposit is liable to be forfeited in case of non-compliance of order or failure to complete the order. Order is liable to be cancelled for non-submission of Security Deposit in time with forfeiture of earnest money. No claim shall be made against WBSEDCL in respect of interest on Security Deposit.**

Bank Draft/Pay Order for an amount equivalent to 5% of the ordered value will also be accepted in place of Bank Guarantee.

2) TERMS OF PAYMENT:

100% payment inclusive of Price Variation bill, along with 100% GST will be made within 45 (forty five) days from the date of submission of bill (complete in all respect) against following documents-

- a) Original receipted Challan and signed Store Receipt Voucher (SRV) by Superintending Engineer/Asstt. Manager/Jr. Manager (Stores)/Jr. Engineer (Grade-I)/ Store-in-Charge attached to the respective stores
- b) Guarantee Certificate (in original)
- c) Copy of Transit Insurance
- d) Successful Store-testing report, if done after delivery of the items at different site stores, signed by the concerned Testing Engineers.

The payment shall only be made against valid Security Deposit.

3) PAYING AUTHORITY:

Addl. G. M. (F&A), Procurement and Contracts Department, WBSEDCL, Vidyut Bhavan (4th Floor), Kolkata- 700 091 will be the Paying Authority.


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4) **CONSIGNEE:**

The name of the consignee will be intimated by S.E (Inspection) along with Despatch Instruction.

5) **GUARANTEE:**

a) **IN GENERAL EXCEPT ENERGY METER AND EQUIPMENT & CABLE :**

In the event of any defect in the equipment/materials arising out of faulty design, materials, workmanship within a period of 12 (twelve) months of commissioning or 18 (eighteen) months from the date of last despatch of any integral part of the equipment/materials whichever is earlier the supplier shall guarantee to replace or repair the same to the satisfaction of the purchaser.

If the supplier fail to do so within a reasonable time, WBSEDCL reserves the right to effect repair or replacement by any other agency and recover charges for repair or replacement from the supplier.

b) **FOR EQUIPMENT, ALL TYPE OF HT CABLE & LT AB CABLE :**

In the event of any defect in the equipment/cable arising out of faulty design, materials, workmanship within a period of 5 (five) years from the date of last despatch of any integral part of the equipment/cable, the supplier shall guarantee to replace or repair the same to the satisfaction of the purchaser.

If the supplier fails to do so within one month of receipt of intimation, WBSEDCL reserves the right to effect repair or replacement by any other agency and recover charges for repair or replacement from the supplier.

c) **FOR ENERGY METER :**

The meters and Meter Box shall be guaranteed against defects arising out of faulty design, materials and workmanship for a period of 5 ½ years from the date of supply. The meters found defective within the above guarantee period should be replaced by the supplier free of cost within one month of receipt of intimation. Collection point of defective meters and supply point of new meters shall be intimated by Distribution Testing department. **If the defective meters are not replaced within the above specified period, WBSEDCL will recover twice the cost of meters from the supplier.**

Name Plate of the meter is to be marked with "Guarantee of the Meter: 5 ½ Years from the date of Supply".

6) **TESTING:**

a) **CALIBRATION:**

The instruments/equipment required for Inspection & Testing should have valid calibration as per following guideline:

- 1) Calibration Certificate issued by Laboratory accredited by NABL may be accepted unconditionally provided the certificate bears an Accreditation body Logo.
- 2) For Testing equipments, where NABL Accreditation is not available, Calibration Certificate from Educational Institutions like IIT's, NIT's, J.U., C.U., BHU only can be accepted provided they can demonstrate traceability.

Necessary confirmation regarding above is to be given along with inspection offer failing which the inspection offer will not be accepted. If during inspection & testing, the suppliers fail to produce Calibration Certificate as indicated above the offered lot may be rejected.


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b) INSPECTION & TESTING:

1) Before finalization of Tender:

After opening of Techno-Commercial part of the Tender, the tendering authority at its discretion may send their representative for inspection of the factory premises at any day within working hrs. to ensure participating tenderer's manufacturing capability & technical eligibility to combat with WBSEDCL's requirement

2) After finalization of Tender:

i) In general Except Energy Meter:

The materials/equipment shall be subjected to tests as per relevant Indian Standards and as per our technical specification. If the Indian Standard has the provision of routine tests, each material/equipment shall be subjected to those routine tests. In all such cases, while offering, test reports indicating the test results should be submitted in six copies to the inspecting authority of the Company as will be indicated in the Purchase Order. Delivery of the material/ equipment shall be done after having the despatch clearance with approval of the supplier's test reports and the supplier should send intimation to this office regarding despatch of materials to stores immediately after despatch. No extra cost shall be charged for the above tests.

However, WBSEDCL reserves the right to depute its Engineers for carrying out inspection and testing on the offered lot as per relevant Indian Standards and our Technical Specification and also reserves the right to reject either raw materials or finished products found to be not complying with the requirement of the specifications and standards. The supplier shall give at least 15 (fifteen) days prior intimation about the readiness of the materials/equipment at the works for testing and inspection. The supplier shall extend all facilities for such inspection and testing for which no extra cost shall be charged and the inspection report shall have to be signed jointly otherwise the offered lot(s) shall be treated as cancelled.

WBSEDCL reserves the right to carry out in-house testing of the supplied materials at destination stores, in presence of authorized representative of the Manufacturer. In case they do not be present, company shall Test unilaterally and their result will be binding on them. **In case the test results deviates from the inspection result carried out at Manufacturers' Works (more than 2% tolerance as per IS where ever applicable), the Company reserves the right to cancel the specific lot and in that event materials are to be replaced by the Manufacturer free of cost including the transportation from the site to their works and back.**

ii) Energy Meter:

The Meters and Meter Box, manufactured as per Technical Specification will be subjected to tests as per relevant Indian Standard and our Technical Specification. Each Meters and Meter Box shall be subjected to routine tests as per relevant Indian Standard. In all such cases, while offering for inspection and testing, one hard copy and one soft copy of the test reports indicating the test results **along with sequential s.l.nos. of the body seals of the offered lot of meters** should be submitted to the C.E.(DTD), WBSEDCL, Abhikshan, Salt Lake, Kolkata-700091 with copies to the Materials Controller, WBSEDCL and **otherwise inspection offer will not be valid. Inspection offer will not be valid if replacement of defective meters against previous orders is pending for more than 60 days from the date of intimation also.**

However, WBSEDCL reserves the right to depute its Engineers for carrying out inspection and testing on the offered lot as per relevant Indian Standard and our Technical Specification and also reserves the right to reject either raw materials or finished products found to be not complying with the requirement of the specifications and standards.


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The supplier shall give at least 15(fifteen) days prior intimation about the readiness of the Meter and Meter Box at the Works for testing and inspection. The supplier shall extend all facilities for such inspection and testing for which no extra cost shall be charged and the inspection report shall have to be signed jointly otherwise the offered lot(s) shall be treated as cancelled.

Delivery of the Meter and Meter Box shall be done after having the despatch clearance from. The C.E.(DTD) with approval of the supplier's test reports and the supplier should send intimation to this office and also to the C.E.(DTD), WBSEDCL regarding despatch of Energy Meters to stores immediately after despatch.

Inspection of further lot against the order will be arranged by the inspection authority, after receipt of confirmation regarding physical delivery to our store.

WBSEDCL will carry out re-testing of the supplied meters at their Laboratory in presence of supplier's representative after delivery at different stores. **In case the supplied meters are not found in order during testing, the lot will be declared defective and in that event meters are to be replaced by the manufacturer free of cost including free transportation from the site to their works and back.**

Acceptance test as per "Clause 3- Test" of the Technical Specification will be carried out before delivery of the replaced meters.

c) **RE-TESTING CHARGE:**

In case of failure to present the offered quantity of equipment/materials during inspection (i.e. fake offer) or in case the materials/equipment of any offered lot fails during type/factory acceptance test, retesting charge will be claimed @ Rs. 50,000.00 for carrying out each subsequent inspection of that particular lot. The date of re-offer will be the date of submission of re-offer along with Routine Test Certificate (RTC) & copy of Duplicate Carbon Receipt (D.C.R.) against the re-testing charge.

- d) **In case of outstation inspection, arrangement for to and fro journey/stay at that place will be made by WBSEDCL and the expenditure for the journey/ stay will be made by WBSEDCL.**

7) **DESPATCH:**

(i) **Except Energy Meter:**

- (a) The supplier after receiving despatch clearance from the respective inspection Authority/Purchaser shall deliver the equipment/materials suitably packed to the Stores located in West Bengal as instructed. The materials are to be booked by Road only and the same should be suitably packed and fully insured against all risks and deliver the consignment as per despatch instruction to be communicated in due course. Immediately after despatch of materials/equipment by Road, the supplier shall notify the purchaser and consignee officer about value of consignment, weight and dimension of consignment by FAX and post copy by Registered Post the relevant documents on the strength of which the consignment can be taken delivery at destination.
- (b) Materials/equipment as per despatch clearance shall have to be despatched within the stipulated period of the order and inspection of further lots against the said order will be arranged by the inspection authority.
- (c) **In case the inspected materials/equipment are not delivered within one month after the stipulated period of order, without any valid reasons, the despatch clearance already issued against the said lot shall be considered to be withdrawn and materials/equipment shall have to be re-offered for inspection and testing and re-testing charges as per Clause- 8(c) will be levied for such cases also.**

(ii) **Energy Meter :**

Energy meter and meter box as per dispatch clearance shall have to be despatched within the stipulated period of the order and inspection of further lots against the order will be arranged after receipt of confirmation regarding physical delivery to our stores by the inspecting authority and for this purpose a copy of the receipted challan by our store is to be submitted along with the offer for inspection and testing.

8) **PACKING:**

i) **Except Energy Meter:**

The materials/equipment shall have to be securely packed in transportable lots as indicated in the technical specifications. If the materials/equipment are found acceptable after inspection and testing, the same shall be suitably sealed by our Inspecting Officer. Due care shall have to be ensured during transportation to keep the packing and seal intact for acceptance by consignee stores.

ii) **Energy Meter:**

The Energy meter and Meter Box shall have to be securely packed in transportable lots as indicated in clause 10 of the Technical Specification. If the meter and meter box are found acceptable after inspection and testing, due care shall have to be ensured during transportation to keep the packing intact for acceptance by consignee stores.

9) **DELIVERY:**

- a) Commencement period with firm quantity in the delivery schedule shall have to be mentioned and thereafter monthly/quarterly delivery schedule within WBSedCL delivery Period should be specifically mentioned in the "Schedule of Bids".

In the event of failure to supply the ordered quantity by the selected Vendor as specified in the delivery schedule, the delegated authority of the Company will be empowered to reduce the ordered quantity of the selected Vendor after the expiry of the delivery date as specified in the schedule of delivery which corresponds to 1/3rd of the total ordered quantity. The total ordered quantity will be reduced in proportion to the quantity undelivered assessed up to the period mentioned above. The quantity so reduced will be allotted proportionately to the other selected Vendors to whom the orders have been placed in the same tender and who have adhered to the delivery schedule. Allotment so made shall under no circumstances exceed the offered quantity of the respective selected bidder and the limit as per the Vendor rating policy. In the event, the allotment is not possible for reasons due to above limitation, the said allotment may be considered to the non-selected bidders to the extent of limit as per Vendor rating policy and who had matched L₁ evaluated rate and will consent to adhere the allotment.

- b) The date of receipt of offer for inspection of the materials/ equipment along with works test certificate will be treated as the date of delivery of that particular lot provided the materials pass in inspection and testing. Delay in offer beyond the delivery schedule to be incorporated in the order shall attract imposition of L.D. as per L.D. Clause. The materials should reach the destination store within.

- i) **21 working days** from the date of issue of the Despatch Instruction for the manufacturer **located outside state**.
- ii) **10 working days** from the date of issue of the Despatch Instruction for the manufacturer **located within West Bengal**. Otherwise L.D. will be levied as per L.D. Clause.

Delay beyond the date of delivery as per schedule of Purchase order shall attract imposition of L.D. as per L.D. Clause.


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c) **CHECKING OF MATERIALS/EQUIPMENT AFTER DELIVERY:**

The materials delivered to consignee stores will be subjected to re-inspection / re-testing in presence of authorised representative of suppliers for which due notice in advance will be furnished by the CE. (DTD). If any discrepancy/ dispute in quality arises in any sample selected from a lot, the supplier shall have to replace that specific lot at the Supplier's cost and WBSEDCL reserves the right to take any penal action whatsoever without any further reference.

10) **SUBMISSION OF CHALLAN & EXISE DUTY DOCUMENTS:**

Copies of Challans in triplicate are to be submitted to the consignee along with the materials/equipment at the time of physical delivery. The original signed Challan shall have to be submitted to the Paying Authority as indicated in Clause no. 5. The original copy of the Excise Duty document (if applicable), which is required to be submitted along with the bill for reimbursement, need not be submitted to the consignee along with the challan. It is the responsibility of the supplier to retain the original Excise Duty document even if the same is sent along with the transporter. The duplicate copies of the challan duly signed by the consignee officer, will be returned to the supplier.

Documents for claiming WBVAT as required under WBVAT Act, 2003 as amended from time to time need to be submitted, where applicable.

11) **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 offered for inspection within scheduled delivery period and physically delivered within stipulated period as per physical delivery clause. But The Chief Engineer, P&C Dept., may at his discretion waive this condition and accept the material with imposition of liquidated damage @ 1/2% of the value of the materials of the particular lot offered and/or delivered beyond the schedule delivery period for each week of delay or part thereof upto 10(ten) weeks and @ 1% of the value per week beyond 10 weeks subject to **maximum of 10% of the particular lot and accept the goods beyond the stipulated period**. Liquidated damage, if any involved, shall be recovered from the outstanding bills/ Bank Guarantee.

12) **ADDITIONAL LIABILITIES:**

The WBSEDCL shall not take any additional liability towards enhanced taxes, duties and price variation beyond the scheduled delivery period as incorporated in the purchase order, if the delay is due to any failure on the part of the supplier.

13) **IMPORT & EXPORT LICENCES:**

For imported equipment, orders will be subject to grant of an import license by the appropriate authority. The purchaser will arrange for necessary license.

The tenderer offering equipment manufactured outside India shall clearly state in his tender that there is no export restriction in the country of manufacture and the manufacturer do not anticipate any difficulty in obtaining necessary export license within a reasonable time from the date of issue of Letter of Intent.

14) **REPEAT ORDER:**

With due consent of the supplier the WBSEDCL may place repeat order within a period of six (6) months from the date of completion of delivery as per the order to cover approximately 50% of the ordered quantity on successful performance of the contract and on the need of the WBSEDCL, on the basis of existing rates, terms and conditions.


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The repeat order may also be placed within one year from the date of issuance of original order subject to successful completion of delivery as per the order to the extent of at least 75% of the quantity ordered.

15) RISK PURCHASE:

The time of delivery (offer for inspection) or physical despatch stipulated in the purchase order shall be deemed to be of the essence of the contract and if the supplier fails to deliver or despatch any consignment within the period prescribed for such delivery or despatch in the said purchase order/contract/letter of intent, the purchaser shall be entitled to purchase such consignment or if not available, the best and nearest available substitute elsewhere on the account and at the risk of the supplier or to cancel the contract and the supplier shall be liable to compensate for any loss or damage which the purchaser may sustain by reason of such failure on the part of the supplier. The Company at its discretion may not issue subsequent tender if earlier Purchase Order against earlier tender is not executed fully.

If there is a failure to execute the contract fully, WBSEDCL reserves the right to invoke Bank Guarantee/forfeit Earnest Money deposit/cash security to the extent of loss so suffered by the WBSEDCL on risk purchase or otherwise, and may deduct the additional amount, if any, so incurred by the Company from other claim / bill lying with the WBSEDCL.

16) LEGAL JURISDICTION:

If any dispute or difference arises with respect to quality/quantity of the equipment/materials pertaining to this order or any other terms and conditions of the order including its execution, such dispute/difference shall be subject to settlement under the jurisdiction of Courts in Kolkata only.

17) FORCE MAJEURE:

The supplier shall be under no liability if he is prevented from carrying out any of his obligations by reason of war, invasion, act of foreign country, hostilities (whether war declared or not), riots, civil commotion, mutiny, insurrection, rebellion, revolution, accident, earthquake, fires, floods Govt. order and/or restrictions (except power supply restriction) delay or inability to obtain materials due to import or other statutory restriction and other cause beyond the reasonable control of the supplier. However, such force majeure circumstances are to be intimated immediately and to be established subsequently with proper documents/proofs to the entire satisfaction of the purchaser.

18) SALES TAX AND S.T.D. FORM:

Central Sales Tax at concessional rate where applicable will be paid to you extra at the rate prevailing on the date of Supply, since the materials will be directly used for Transmission / Distribution / Generation of electricity. Necessary declaration form for concessional rate will be issued to you by our Manager (F&A) -Indirect Tax, WBSEDCL, 6th floor, Vidyut Bhavan, Kolkata- 700091 in due course. You are requested to furnish one copy of each of the invoices/bills duly attested by paying authority to the above officer for facilitating issue of S.T.D. Form.

19) EXCISE DUTY:

Exclusive and will be paid extra, on production of original documentary evidence at the rate applicable at the time of physical delivery provided the physical delivery is made within the stipulated delivery time as per delivery clause from the date of issue of despatch clearance and the offer of inspection is received within the schedule delivery period given in the purchase order.

In case, however, the materials/equipment are offered for inspection after the schedule delivery period, Excise duty will be paid at the rate prevailing at the time of schedule delivery period, unless any amendment in this regard is issued by the ordering authority.


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20) ISSUE & SUBMISSION OF WAY BILL:

- a) Immediately on receipt of the order copy, the supplier shall have to submit their (i) VAT No / CST No (ii) PAN No (iii) Trade Name, Address, Pin No & State to the Manager (F&A) Indirect Tax, 6th floor 'C' Block, Vidyut Bhavan, and Dematerialized Way Bill in Form No 50A Part I (Original & Duplicate) will be issued by the Manager (F&A) Indirect Tax Vidyut Bhavan,
- b) Dematerialized Way Bill in Form 50A, Part II and the annexure i.e. invoice detail (Original & Duplicate) are to be generated and printed by the supplier from the Directorate's website (www.wbcomtax.gov.in) by entering the WBSEDCL's Tin No 19671325006 and the Way Bill Key No (it will be available in Part I Way Bill) against which Way Bill no will be generated. Driver / Transporter should possess such Way Bill Part I, Part II and Annexure (both Original & Duplicate Copy) while entering the territory of the West Bengal.
- c) The utilization report is to be submitted to the Manager (F&A) Indirect Tax Vidyut Bhavan, 6th floor, 'C' Block through this end within 03 days, and utilized Way Bills (Part I, Part II & Annexure) both original & duplicate copies are to be submitted to this end, within 05 days from entry of the vehicle with materials into the State of West Bengal, failing which no C Form for concessional rate of CST will be issued to the supplier.

21) CANCELLATION / TERMINATION OF ORDER (if placed):

The time period for effecting complete supply and delivery of the above materials/equipment as indicated through the delivery schedule enclosed shall have to be treated as the essence of the contract. The Company reserves the right to repudiate the contract if the above period is not strictly adhered to. In the event of failure in effecting the desired supply and delivery of the above equipment/materials within above stipulated due date as incorporated through the schedule enclosed, the above order may be cancelled on submission of necessary notice in this regard and fresh order may be placed on the next higher bidder or on any other bidder, as a result of which the extra cost thus liable to be incurred shall be realised from the original supplier's pending bills which may be lying with the WBSEDCL.

22) QUALITY ASSURANCE PROGRAMME:

Immediately on receipt of this order you shall have to submit a "Quality Assurance Plan" indicating the specific quality control procedure and practices adopted in the major activities of production to ensure its standard.

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TECHNICAL SPECIFICATION FOR G.I. WIRE AND G.I. STAY WIRE

1.0 SCOPE:

The specification covers manufacture, testing preferably at manufacturer's works before despatch, supply and delivery of G.I. Wire and G.I. Stranded Stay Wire.

2.0 STANDARDS:

- i) The G.I. wire shall comply with IS: 280 - 2006 with the latest amendments and galvanising shall comply with IS: 4826 - 1979 with the latest amendments.
- ii) The galvanised stranded stay wire shall comply with IS: 2141 - 2000 with the latest amendments and galvanising shall comply with IS: 4826 - 1979 with the latest amendments.

3.0 GENERAL REQUIREMENTS:

- 3.1 a) The requirements for chemical composition for the wires as per IS: 280 - 2006 shall conform to those given in IS: 7887 - 1992. Chemical composition as per the Clause No. 6 of IS: 7887 - 1992 is given below:

Chemical composition :

- i) The Ladle analysis of steel when analysed in accordance with relevant parts of IS: 228 or any other established instrumental/chemical method shall be as given below:

<u>Constituent</u>	<u>Percent</u>
Carbon	0.18 to 0.230
Manganese	0.30 to 0.60
Sulphur	0.050
Max. Phosphorus	0.050
Max.	

- ii) Product Analysis:
Permissible variation in case of product analysis from the limits specified under Clause No. 6.1 of IS: 7887 - 1992 shall be as follows:

<u>Constituent</u>	<u>Variation over specified maximum limits, percent, max.</u>
Carbon	0.02
Manganese	0.03
Sulphur	0.005
Phosphorus	0.005

- b) The stranded stay wires as per IS: 2141 - 2000 shall not contain sulphur and phosphorus exceeding 0.060 percent each.
- 3.2 All finished wires shall be circular in section and be well and clearly drawn to the dimension specified. The wire shall be round, free from splits, scale, surface flaws, rough jagged and imperfect edges and other harmful surface defects.
- 3.3 The wire shall be in continuous length. However, the joints, if reqd., should conform to IS- 2141-2000.
- 3.4 Galvanising shall be heavy as per IS: 4826 - 1979 with the latest amendments.


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- 3.5 For the purpose of galvanising, the wire shall be coated with Zinc conforming to at least Grade Zn 98 specified in IS 209 - 1966. The Zinc coating shall be uniform, adherent, reasonably smooth and free from imperfections as per IS: 4826 - 1979 with the latest amendments.

4.0 SIZE AND DETAILS:

4.1 FOR GALVANISED MILD STEEL WIRE :

- 4.1.1 Diameter of G.I. Wires shall be as per the items of the Tender. Tolerances permitted on the diameter of wire shall be as per IS: 280 - 2006.
- 4.1.2 Tensile properties of the wire shall be as follows:
Tensile strength of galvanised M.S. Wire shall be 300 - 550 N/mm².
- 4.1.3 Type of coating of galvanise shall be heavy as per IS: 4826 - 1979 and the wires shall be galvanised after drawing & annealing.
- 4.1.4 Weight per metre length of the wire shall be stated by the Tenderer.

4.2 FOR GALVANISED STRANDED STAY WIRE :

- 4.2.1 Diameter of G.I. Stay Wires shall be as per the items of the Tender. Tolerances permitted on the diameter of wire shall be as per IS: 2141 - 2000.

4.2.2	Grade as per IS:2141-1979 Strength or latest	Size of the Stay wire	Minimum Tensile
	4	As per the items of the Tender	700 N / mm ²

- 4.2.3 Minimum breaking force of single wire and strand shall be as per IS: 2141 - 2000.
- 4.2.4 Type of coating of galvanise shall be heavy as per IS: 4826 - 1979 and the wires shall be galvanised after drawing, but without annealing.
- 4.2.5 Weight per metre length of the stranded stay wire shall be stated by the Tenderer.

5.0 TESTS AND TEST CERTIFICATES :

5.1 Test Report (To be submitted along with the Bid)

Copy of Test Report carried out within last five years on the items of material of the Tender in a NABL accredited Test House or Laboratory shall be submitted along with the tender as Pre-requisite. If there be any deficiency regarding non-submission of the Test Report, WBSEDCL reserves the right to cancel the tender unilaterally.

- 5.2 The following Acceptance Tests shall be carried out as per the relevant IS Codes.

5.2.1 Acceptance Tests for G.I. Wires according to IS: 280 -2006:

- Chemical Composition Test
- Verification of diameter
- Mechanical properties like Tensile Test, Wrapping Test, Bend Test etc.
- Coating Test for galvanise
- Test for conformity.

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5.2.2 Acceptance Tests for G.I. Stay Wires according to IS: 2141-2000:

- a) Chemical Composition Test
- b) Ductility Test
- c) Verification of wire diameter
- d) Tensile and Elongation Test
- e) Galvanising Test
- f) Test for conformity.

6.0 MARKING:

Each coil shall be provided with a tag made of metal of suitable size securely attached on the inner part of the coil bearing the following information :

- A. Manufacturer's name or Trade Mark.
- B. Lot number and coil number.
- C. Quality and size of material.
- D. BIS Certification mark, if any.

7.0 TOLERANCE IN QUANTITY:

Tolerance in supply of total quantity will be allowed upto -2 % of the ordered quantity for each item.

8.0 PACKING:

Each coil of wire shall be suitably bound and fastened compactly.

9.0 WEIGHT OF COIL:

Weight of each coil shall be between 50 Kgs. & 100 Kgs.

10.0 PRICE :

The Price shall be FIRM.

11.0 Documents to be submitted at the time of physical delivery at consignee stores :

The following documents to be submitted by the venders to the Consignee Stores at the time of despatch to stores by the venders:-

- a) Copy of Purchase Order.
- b) Copy of Despatch Instruction
- c) Inspection Test Certificate
- d) Guarantee Certificate
- e) Proforma Invoice
- f) Calculation Sheet.
- g) Seal list and packing list
- h) Challan in triplicate
- i) Way bill, if applicable.