

# West Bengal State Electricity Distribution Company Limited

( A Government of West Bengal Enterprise )



## INVITATION OF e-TENDER FOR

**Supply and delivery of 60 nos LT DTR KIOSK for 100/63 KVA DTR to Divisional store of  
Burdwan North Division Dist: Purba Bardhaman in West Bengal**

### Tender notice no:

DM/BDN/Local Item/23-24/03/1412      Date:08.12.2023

### Name of the work:

**Supply and delivery of 60 nos LT DTR KIOSK for 100/63 KVA DTR (SMC/FRP) to  
Divisional Store of Burdwan North Division, Dist: Purba Bardhaman in West Bengal**

Office Of The Divisional Manager  
Burdwan North Division  
2nd Floor, Administrative Building  
Power House complex, Frazer Avenue  
Burdwan - 713101  
Email: [dm.burdwanrural@wbasedcl.in](mailto:dm.burdwanrural@wbasedcl.in)





# West Bengal State Electricity Distribution Company Limited

(A Government of West Bengal Enterprise)

Office of the Divisional Manager, Burdwan North Division,  
Administrative Building, 2<sup>nd</sup> floor, Power House, Bardhaman,  
District – Purba Bardhaman Pin-713101

Mobile No.: 8900797130

Email: [dm.burdwanrural@wbsecl.in](mailto:dm.burdwanrural@wbsecl.in)

## **NOTICE INVITING e-TENDER**

**NIT No.: DM/BDN/Local Item/23-24/03/1412**

**Date: 08.12.2023.**

**SUBJECT:** Supply and delivery of 60 nos LT DTR KIOSK for 100/63 KVA DTR (SMC/FRP) to Divisional store of Burdwan North Division, Dist: Purba Bardhaman in West Bengal

**NAME OF THE SCHEME:** Supply and delivery of LT DTR KIOSK for 100/63 KVA DTR Double Feeder (SMC/FRP).

The Divisional Manager, Burdwan North Divisional Office, WBSEDCL invites e-Tender only from the bonafide, experienced & resourceful manufacturer or suppliers of LT DTR KIOSK for 100/63 KVA DTR (SMC/FRP) to Govt., Semi Govt., Govt. undertaking Organizations, Govt. Enterprises etc. who is technically & commercially qualified and have successfully completed similar nature of work in any listed local item of WBSEDCL value not less than 50% (Fifty percent) of the estimated cost in a Single contract during last 3 (Three) years and Commercial QR as detailed in clause 5.2 below. [Submission of Bid through online].

| Sl<br>No | Name of the work  | Estimated Value<br>(Rs.)  | Earnest Money<br>(Rs.)   | Completion<br>Time |
|----------|---|---|--|--------------------|
| 1        | Supply and delivery of 60 nos LT DTR KIOSK for 100/63 KVA DTR (SMC/FRP) Double feeder.<br>Drawing Ref: Attached as Annexure B | Rs.4,98,000.00(Rupees Four Lakh Ninety Eight Thousand only)<br>Excluding GST. | Rs. 9960.00 /-<br>(Rupees Nine Thousand Nine Hundred Sixty Only) | 30 (Thirty ) Days  |

1. In the event of e-filing intending bidder may download the tender document from the website <https://wbtenders.gov.in> directly with the help of Digital Signature Certificate. Necessary Earnest money will be collected in online mode through <https://wbtenders.gov.in>
2. Both Technical Bid and Financial Bid should be submitted in technical and financial folder concurrently duly digitally signed by the Bidders through the website <https://wbtenders.gov.in>.
3. Technical Document and Financial Bid should be submitted online on or before the Date & Time Schedule" stated in Table.
4. The FINANCIAL OFFER of the prospective bidders will be considered only if the TECHNICAL DOCUMENT of the bidders found qualified by the Tender Inviting Authority(WBSEDCL). The decision of the Tender Inviting Authority (WBSEDCL) will be final and absolute in this respect. The list of Responsive and Non-Responsive Bidders will be displayed in the website.
5. Eligibility criteria for participation in the tender:
  - 5.1. **Technical Requirement:-**Intending bidders should have credential to supply any listed local item of WBSEDCL in any Govt., Semi Govt., Govt. undertaking Organizations, Govt. Enterprises etc having value not less than 50% (Fifty percent) of the estimated cost in a Single contract during last 3 (Three) years.
  - 5.2. **Commercial Requirement:-**Bidder shall submit copy of IT return-last three year.
  - 5.3. All intending bidders are required to produce valid documents as manufacturer and supplier of LT Spacer 3 Phase 4 Wire
  - 5.4. All intending bidders are required to also produce the following: -



- i) Valid copies of current G S.T. certificate,
- ii) ESI registration wherever applicable,
- iii) Current Challan for depositing Professional Tax (PT) if applicable.
- iv) EPF registration certificates if applicable.
- v) Certificate of compliance of statutory obligations (to be documented through e-filing).
- vi) Copy of IT return for last three financial years, PAN Card, as applicable.
- vii) Documents in support of credential: Copy of orders along with SRV.
- viii) Performance Certificate as Prime Contractor for execution of similar nature of works for last three years and details of works in hand if applicable.
- ix) Bids shall remain valid for a period not less than 120 (One hundred twenty) days after date of bid opening of tender. Bid valid for a shorter period shall be rejected by the Tender Inviting Authority as non-responsive. If the bidders withdraw the bid before the period of bid validity without giving any satisfactory explanation for such withdrawals, the Bid Information regarding any past and current litigation with WBSEDCL/WBSETCL/Govt./PSU in which the bidder is involved, the party is concerned and disputed amount, wherever applicable.

x) **Drawing and GTP of the Material to be supplied. GTP should also need to be supplied during delivery.**

6. No mobilization / secured advance will be allowed.

7. Bids shall remain valid for a period not less than 120 (One hundred twenty) days after date of bid opening of tender. Bid valid for a shorter period shall be rejected by the Tender Inviting Authority as non-responsive. If the bidders withdraw the bid before the period of bid validity without giving any satisfactory explanation for such withdrawals, the Bid security as deposited will be forfeited forthwith without assigning any reason thereof.

**8. Date & Time schedule: -**

| Sl. No. | Particulars  | Date and time              |
|---------|--|----------------------------|
| 1       | Date of uploading of NIT and Tender Documents (online).  | 13.12.2023 after 13:00 Hrs |
| 2       | Documents sell/ downloading start date (Online)  | 15.12.2023 after 11:00 Hrs |
| 3       | Bid submission upload start date (Online)  | 15.12.2023 after 13:00 Hrs |
| 4       | Bid submission upload close date (Online)  | 30.12.2023 up to 14:00 Hrs |
| 5       | Date for opening of Technical bid (online) for the Bidders   | 03.01.2024 after 11:00 Hrs |
| 6       | Date of uploading the Final List of Technically Qualified Bidders after Technical Bid Evaluation (online). | To be notified later       |
| 7       | Date, for opening of Financial Bid (online).   | To be notified later       |

9. Earnest Money: Earnest Money Deposit (EMD) shall have to be mandatorily in online mode through the website <https://wbetenders.gov.in> via Net-banking through payment Gateway or via RTGS/NEFT payment, as elaborated in the section "Instruction to Bidders" of the bid document. There is no option for offline submission of EMD through DD/Pay order/Banker's cheque etc.

a) A bidder desirous of taking part in a tender invited by offices of WBSEDCL shall login to the e – Procurement portal of Government of West Bengal <https://wbetenders.gov.in> using his login Id and password.

b) The bidder shall select the tender to bid and initiate payment of EMD. Following payment option are available for paying EMD amount through on line mode.

i) Net banking through Payment gateway

ii) RTGS/NEFT Payment: on selection of RTGS/NEFT as the payment mode, the Procurement portal will show a pre-fired challan having the details to process RTGS/NEFT transaction. The bidder will print the challan and use the prefilled 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.

c) General Instruction for Online payment:

i) The bidder will have to mandatory pay through Net-banking facility once Net banking mode is opted for payment.

ii) Status of NEFT/RTGS payment through challan for a bid may take time for bank settlement which is



updated in 24 hrs (approx) as such bidders opting to pay through NEFT/RTGS mode shall make payment well before 24Hrs. to avoid any complicity.

iii) In case actual EMD amount as per NIT is more than the one shown in e-tender portal, bidders will have to opt for NEFT/RTGS mode (challan mode). In that case the total actual EMD amount is to be paid only through NEFT/RTGS mode (challan mode).

iv) 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.

d) Refund/ Settlement of EMD Amount:

i) For unsuccessful bidders, EMD amount submitted against the tender shall be refund automatically, through an automated process, by NIC portal on receipt status of any bid.

ii) For successful bid(s), EMD will be refunded from WBSEDCL authority after completion of tendering process and following due procedures.

iii) 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.

iv) For any queries related to payment 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 Corner, if not created earlier.

e) Forfeiture of EMD Amount:

WBSEDCL reserves the right to forfeit the EMD of the successful bidder, in the event of his failure within the period stipulated in the bid document, to-

i) Accept LOI/Order unconditionally.

ii) Submit and/or sign contract agreement.

iii) Submit Indemnity Bond

iv) Furnish contract performance guarantee, if required as per the order.

10. The bidder shall submit along with the offer necessary documents in support of their previous such type of work/the tender/ similar items 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.

11. WBSEDCL reserves its right to take decision keeping its financial interest.

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

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

14. The Tender Inviting Authority (WBSEDCL) does not bind itself to accept the lowest bidder and reserves the right to accept or reject, split any / all offer without assigning any reason whatsoever and is not liable for any cost that might have incurred by the Bidder at any stage of the Bidding. Tender inviting authority(WBSEDCL) also reserves right to accept/cancel/withdraw the concerned NIT in full or part due to unavoidable circumstances and no claim in this respect shall be entertained.

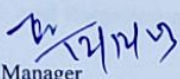
15. Any bidder against whom FIR/Complaint is lodged with Police by WBSEDCL shall not be eligible to participate in the bidding process.



16. 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.
17. Any further information may be had from the website: [www.wbsedcl.in](http://www.wbsedcl.in) and the following office: Office of the Divisional Manager, Burdwan North Division.
18. The Bidder, at his own responsibility and risk is encouraged to visit and examine the site of works and its surroundings and obtained all information that may be necessary for preparing Bid and entering into an agreement for the work / works as mentioned in the NIT, before submitting offer with full satisfaction. The costs for visiting the working site shall be at the bidder own expense.
19. At any stage during scrutiny, if it is found that the credential or any other papers which the Bidder uploaded during Bidding process, found incorrect / manufactured / fabricated, that bid will be considered a nonresponsive and outright rejected with forfeiture of Earnest Money and action will be taken as per stipulation of IT Rules in force.
20. Before issuance of Formal Order / Work order, the tender accepting authority may verify the credential & other documents of the lowest bidder so uploaded online if found necessary. If it is found such document incorrect / manufactured / fabricated, Letter of Acceptance / Work order will not be issued in favor of the bidder under any circumstances and action will be taken accordingly.
21. **Intimated Lowest bidder should must submit sample of material within 7 days** of intimation from our end, which will be inspected by tender committee, only after satisfactory sample approval, formal order will be issued. During delivery vendor must maintain same quality otherwise material will be rejected.
22. The Tender Inviting Authority reserves the right to cancel the NIT due to unavoidable circumstances and no claim in this respect will be entertained.
23. **Other Terms & Conditions etc.** not mentioned here specifically shall be guided by the prevailing Bid documents & Guidelines of WBSEDCL.
24. **Controlling Officer:-** Divisional Manager, Burdwan (North) Division.
25. **Supervising Officer:-** Any authorised Officer of Burdwan (North) Division.
26. **Nodal Officer:-** Any authorised Officer of Burdwan (North) Division.
27. **Bill Processing Authority:-** Bill Certifying, Processing & Passing Authority- concerned Officers of Burdwan (North)
28. **Bill Paying Authority:-** Assistant Manager (F&A) of Burdwan (North) Division.
29. **Delivery address:-** Divisional Store, Burdwan (North) Division, Burdwan.

Office of the Divisional Manager,  
Burdwan North Division.  
Administrative Building ,  
2<sup>nd</sup> floor, Power House, Bardhaman,  
District – Purba Bardhaman Pin-713101

Tender Inviting Authority (for WBSEDCL):-

  
Divisional Manager  
Burdwan North Division  
WBSEDCL



# Annexure - B

## WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED

### TECHNICAL SPECIFICATION FOR 63/100 KVA SMC DOUBLE DOOR LT DISTRIBUTION BOX

Technical Specification of 'LT Distribution Box For 63KVA/100KVA DTR With Double Feeder Conception System' suitable for installation on pole mounted DTR Sub-Station structure for safeguard & protection of DTR LT Side in the existing or new DTR's pole mounted structure.

#### Scope:-

The LT Distribution Box For 63KVA/100KVA DTR With Double Feeder/Panel will be used for safeguard & protection of DTR LT Side Fuse Unit system with DTR's pole mounted structure.

#### Detailed Specification –

1. The Inside Dimension of LT Distribution Box for distribution sub-station should be of size: **H-800mm X W-1000mm X D-300mm** & made of Sheet Moulding Compound (SMC) by the process of Hot Press Compression Moulding Confirming to IS: 13410-1992; Grade – S3 & IS: 14772-2020. The Box shall be Double Door type as per enclosed drawing.
2. The Thickness of Overall SMC LT Distribution Box should be 2.5mm (min).
3. No Negative tolerance on Size & Thickness is admissible.
4. The SMC Base Door should not be soften or bend on heating.
5. Door Should be fitted to base by Stainless Steel (SS) concealed type continuous hinge.
6. The Incoming Phase Bus Bars will be 3 Nos. & shall be of size 240mm x 40mm x 10 mm as shown. The Outgoing Phase Bus Bars are to be fitted in stepped manner for double feeder conception as mentioned in the "Door Open View & Side View" of the enclosed drawing. The above arrangements shall be paced upon a 4mm SMC Sheet. Please refer the Drawing for details.
7. Also, there should be fitted a common Aluminium Neutral Busbar (240mmX25mmX6mm) as per Drawing.
8. Sufficient Hole of standard diameter to be provided for incoming & outgoing feeder cable as per Drawing.
9. Sufficient Ventilation system to be provided as per drawing.
10. Logo of WBSEDCL, Danger & Safety Message as per drawing enclosed to be provided in the front of the Distribution box.
11. Detailed GA Drawing is enclosed and parameters to be adhered to.
12. The SMC LT Distribution Box should be Type Tested as detailed below in Annexure 1 from CIPET/ERDA for IS:14772-2020. Type Test Report Submission is mandatory with Bid Submission by the bidders or else the bid shall be rejected.

04/12/23

04/12/23  
Assistant Manager (F&A)  
Burdwan North Division  
W.B.S.E.D.C.L.

50  
11/4/23  
Assistant Engineer (Technical)  
Burdwan North Division  
W.B.S.E.D.C.L.

04/12/23  
Asst. Manager (HR & A)  
Burdwan North Division  
W.B.S.E.D.C.L.



**TESTING REQUIREMENT FOR  
L.T. 63/100 KVA SMC LT DISTRIBUTION BOX MADE  
OUT OF SMC MATERIAL**

**ANNEXURE- I**

| Sl No | Standard                       | Clause | Requirement  | Test Particulars |         |            |
|-------|--------------------------------|--------|--|------------------|---------|------------|
|       |                                |        |  | Type             | Routine | Acceptance |
| 1     | IS-14772:2020                  | 8      | Marking  | T                | -       | A          |
| 2     | AS per specs & GTP             | 9      | Dimensions   | T                | R       | A          |
| 3     | IS-14772:2020                  | 10     | Protection against electric shock  | T                | R       | -          |
| 4     | IS-14772:2020                  | 11     | Provision for Earthing   | T                | -       | A          |
| 5     | IS-14772:2020                  | 12     | Construction   | T                | -       | A          |
| 6     | IS-14772:2020                  | 13.1   | Resistance to aging to humid conditions  | T                | -       | -          |
| 7     | IS-14772:2020 / IEC-60529:2001 | 13.2   | Protection against ingress of solid object IP5X / Degree of protection IP55          | T                | -       | -          |
| 8     | IS-14772:2020 / IEC-60529:2001 | 13.3   | Protection against ingress of water IP X5 / Degree of protection IP55                | T                | -       | -          |
| 9     | IS-14772:2020                  | 14     | Insulating Resistance & Electrical Strength  | T                | -       | -          |
| 10    | IS-14772:2020                  | 15     | Test for mechanical strength   | T                | -       | -          |
| 11    | IS-14772:2020                  | 16     | Resistance to heat / Ball Pressure Test  | T                | -       | -          |
| 12    | IS-14772:2020                  | 17     | Creepage Distances, clearances and distance  | T                | -       | -          |
| 13    | IS-14772:2020/ IEC-60695:2000  | 18     | Resistance to insulating material to abnormal heat and fire /Glow wire test at 950°C | T                | -       | -          |
| 14    | IS-14772:2020                  | 19     | Resistance to tracking   | T                | -       | -          |
| 15    | IS-14772:2020                  | 20     | Resistance to corrosion  | T                | -       | -          |
| 16    | IS-13411:1992                  |        | Heat deflection test of 150°C (min.) at 1.8 MPa                                      | T                | -       | -          |
| 17    | IS- 4249 :1967                 |        | Test for self extinguishing properties   | T                | -       | -          |
| 18    | UL - 94                        |        | Flammability test  | T                | -       | -          |

*04/12/23*  
Divisional Manager  
Burdwan North Division  
W.B.S.E.O.C.

*04/12/23*  
Assistant Manager (F&A)  
Burdwan North Division  
W.B.S.E.D.C.L.

*04/12/23*  
Assistant Engineer (Technical)  
Burdwan North Division  
W.B.S.E.D.C.L.

*04/12/23*  
Asst. Manager (F&A)  
Burdwan North Division  
W.B.S.E.O.C.



|    |                                       |  |   |   |   |   |
|----|---------------------------------------|--|---|---|---|---|
| 19 | IS:13360 P-6 S-10 : 1992 S-1 Method A |  | Meting Point – Does not melt up to 400°C                  | T | - | - |
| 20 | ASTM E1252 IDC by Braun               |  | Material Identification                                   | T | - | - |
| 21 | ASTM G154                             |  | Visual Appearance after UV Exposure for 200 hrs –         | T | - | - |
| 22 | IS - 8543 (Part 1/sec 2)              |  | Density - 1.8 g/cc  | T | - | - |
| 23 | IS 13411:1992                         |  | Water absorption, percent, Max                            | T | - | - |
| 24 | IS 13411:1992                         |  | Izod impact Strength, (Notched) KJ/m <sup>2</sup> (Min.)  | T | - | - |
| 25 | IS 8543 (Part 4/Sec 1) : 1984         |  | Tensile Strength, MPa or N/mm <sup>2</sup> (Min)          | T | - | - |
| 26 | IS 13411:1992                         |  | Flexural Strength, MPa or N/mm <sup>2</sup> (Min)         | T | - | - |
| 27 | IS 8543 (Part 4/Sec 1): 1984          |  | Modulus of Elasticity, MPa or N/mm <sup>2</sup> (Min)     | T | - | - |
| 28 | IS 3396:1979                          |  | Surface resistivity (24h in water), ohm (Min)             | T | - | - |
| 29 | IS 3396:1979                          |  | Volume resistivity, ohm-cm, Min                           | T | - | - |
| 30 | IS 2824:1975                          |  | Tracking resistance, CTI, Min                             | T | - | - |
| 31 | IS:13411:1992                         |  | Power arc resistance, sec, min                            | T | - | - |
| 32 | IS 6262:1971/ ASTM D149               |  | Dielectric strength at 90°C in oil kV/mm                  | T | - | - |
| 33 | IS 4486:1967                          |  | Dissipation factor (4 days at 80 percent RH and at 1 KHZ) | T | - | - |
| 34 | IS:13360(Part 6/Sec6) : 1992          |  | Oxygen Index, Percent, Min                                | T | - | - |
| 35 | IS: 13411                             |  | Resistance to Chemicals change in Appearance slight       | T | - | - |
| 36 | IS: 2046                              |  | Boiling Water at 100°C for 5 minute                       | T | - | - |

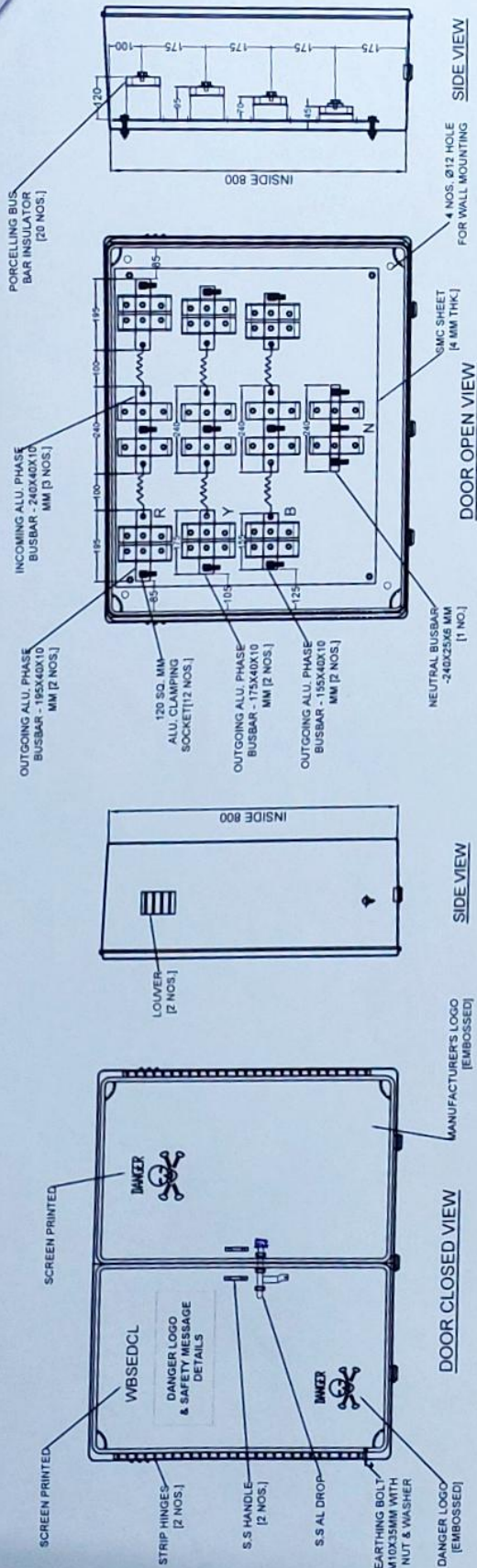
04/12/23  
Divisional Manager  
Burdwan North Division  
W.B.S.E.D.C.L.

04/12/23  
Assistant Manager (F&A)  
Burdwan North Division  
W.B.S.E.D.C.L.

Assistant Engineer (Technical)  
Burdwan North Division  
W.B.S.E.D.C.L.

Assistant Manager (HR & A)  
Burdwan North Division  
W.B.S.E.D.C.L.





# **NOTE:-**

1. MADE OUT OF SHEET MOULDING COMPOUND ( SMC ) BY THE PROCESS OF HOT PRESS COMPRESSION MOULDING CONFIRMING TO IS: 13410:1992; GRADE - S3 & IS: 14772:2020

2.SMC BASE OR COVER SHALL NOT SOFTEN OR BEND ON HEATING

3.EACH DOOR FITTED TO BASE BY CONCEALED STRIP HINGES & DOOR CLOSING & SEALING U CLAMPS [ S.S ]

4.JUNIOR DIMENSIONS H- 800mm; W- 1000mm; D- 300mm

THICKNESS OF BOX - OVERALL 2.5mm (Min)

5.DEGREE OF PROTECTION IP-55

6.COLOUR- OFF WHITE

7.TYPE TEST REPORT MANDATORY

|  |                        |         |   |               |             |
|--|------------------------|---------|---|---------------|-------------|
| ALL DIMENSIONS ARE IN mm. TOLERANCE: ±5% | FINISH: AS PER DRAWING | Surface | Scale :- N.T.S.   | Material: SMC | REV. NO.-00 |
| Client :- WBSEDCL                        |                        |         | TITLE: SMC LT DISTRIBUTION KIOSK FOR 63/100 KVA TRANSFORMER |               |             |
|  |                        |         | SIZE: 800X1000X300 MM.                                      |               |             |
| State                                    | Changes                | Date    | Name  | File Name     | Page 01     |

*Signature*  
 Divisional Manager  
 Burdwan North Division  
 W.B.S.E.D.C.L.

*Signature*  
 Assistant Manager (P&A)  
 Burdwan North Division  
 W.B.S.E.D.C.L.

*Signature*  
 Assistant Manager (P&A)  
 Burdwan North Division  
 W.B.S.E.D.C.L.