



ADMINISTRATION OF THE
UNION TERRITORY OF LAKSHADWEEP
(DEPARTMENT OF ELECTRICITY)
KAVARATTI – 682 555

F.NO.66/06/01/2018-Ele / 2043

Dated: 13.11.2020

Notice Inviting Tender

Department of Electricity, UT of Lakshadweep Administration, Kavaratti invites competitive E-Tender from the Original Licensed Manufacturers or their Authorized Distributors/Agents for the following work as detailed below. Name of Work	Design, Fabrication and Supply of L.T. Outdoor Main Distribution Panel Board for RGSH, Agatti on Emergency basis.
Tender Fee/Cost of Tender Form	₹ 500/-
EMD	₹ 22,500/-
Bid Document available for downloading from	13/11/2020-10.00 AM
Bid Document available for downloading up to	20/11/2020-11.00 AM
Last date & Time for submission of Bid	20/11/2020- 03.00 PM
Opening of Technical bid	20/11/2020- 04.00 PM

Tender Document containing detailed terms & conditions and goods required can be downloaded from the websites www.tendersutl.gov.in and www.lakshadweep.nic.in. Bidders willing to participate in the tender shall visit the e-tender website www.tendersutl.gov.in for participation.

For any help/query, please contact representative of the department through [email lk-ktelect@nic.in](mailto:lk-ktelect@nic.in) or Telephone No. 04896263544 and for help in processing of e-tender please contact E-tender helpdesk [email eproc@nic.in](mailto:eproc@nic.in) Or Telephone No 0120 4200462

(P.V.Hassan) 13/11/2020

Executive Engineer/ कार्यपालक अभियंता

To,

1. Copy to Editor, Lakshadweep times to Publish in the next Edition.
2. Copy to EDP for Uploading Official Website Of Lakshadweep & LED Portal

TENDER DOCUMENT

Department of Electricity UT.of Lakshadweep Administration, Kavaratti invites competitive E-Tender from the Original Licensed Manufacturers or their Authorized Distributors/Agents for "**Design, manufacturing and Supply of L.T. OUTDOOR MAIN DISTRIBUTION KISOK TYPE PANEL BOARD**" Subject to the terms & condition of this Tender Document.

TERMS & CONDITIONS

1. Name of Work

1.1 Name of work is "**Design, Manufacture and Supply of L.T. OUTDOOR MAIN DISTRIBUTION PANEL BORAD Fabricated with 14SWG CECA Sheet with 400ATPN Aluminum busbar, powder coated after 7 tank process**" for Electricity Department of UT of Lakshadweep Administration.

2. Definitions

2.1 Purchaser means Department of Electricity, UT of Lakshadweep Administration Kavaratti.

2.2 Bidder means any bidder participating in this tender.

2.3 Successful Bidder means bidder selected by the purchaser to execute the contract as per this tender.

2.4 Supplier means successful bidder to who confirmed supply order has been issued by the department.

2.5 Contract Year means the year starting from the date of commencement of contract as per this tender document.

3. Scope of Work

3.1 The Bidder shall "**Supply of L.T. OUTDOOR MAIN DISTRIBUTION Panel Board for RGSH,Agatti** " to Lakshadweep Electricity Department at the point of supply specified in below for the Department of Electricity subject to the terms and conditions of this tender document.

3.2 Quantity of items shown in the Annexure- D is tentative and actual quantity may vary i.e. either increase or decrease from the tentative quantity. Bidder shall bound to supply the goods as per confirmed supply order during the validity period of contract..3 The actual point of delivery may vary from tentative point. Bidder shall

bound to install the goods at any point of delivery as per confirmed supply order during the validity period of contract.

4. Availability of Tender documents

4.1 Tender documents shall be available for downloading in the official website of Lakshadweep viz. www.lakshadweep.nic.in and www.tendersutl.gov.in

4.2 Purchaser reserves all rights to change/alter/modify any of the conditions of this Tender Document or to cancel this tender as a whole at any point of time even without assigning any reason and any such change/alteration/modification or cancellation of tender shall be updated in the above website. Hence bidders shall regularly watch the website for updated information

5. Time Schedule for Bidding

5.1 Time schedule for obtaining bid documents, submission of bids and opening of bids is as follows.

Name of Work	Design, Manufacture and Supply of L.T.Outdoor Main Distribution Panel Board for RGSB, Agatti on emergency basis.
Tender Fee/Cost of Tender Form	₹500/-
EMD	₹ 22,500/-
Bid Document available for downloading from	13/11/2020-10.00 AM
Bid Document available for downloading up to	20/11/2020-11.00 AM
Last date & Time for submission of Bid	20/11/2020- 03.00 PM
Opening of Technical Bid	20/11/2020- 04.00 PM

5.2 If the bid opening date given above falls to be a holiday, the opening of bid shall be held on the next working day.

5.3 Purchaser reserves right to alter the date of opening of Technical/Financial Bid without assigning any reason and any such alteration shall be updated in the website.

6. Qualification Criteria for Bidder

6.1 Manufacturing Licence: Bidder shall either be the manufacturer of the indented goods or the authorized agent of the manufacturer. If the bidder is a manufacture, bidder shall have a Manufacture Licence/Certificate for the indented goods issued by the concerned Government authority. Copy of valid Manufacturing License/Certificate shall be attached with the bid.

6.2 Authorization: If bidder is not the manufacture, but the authorized agent of the Manufacture of the indented goods, bidder shall have a proper authorization letter issued by the manufacturer. Copy of Manufacturing License and Authorization letter from the side of manufacturer shall be submitted by the bidder along with the Bid.

6.3 Experience: Bidder shall have experience on its own or Original Licensed Manufacturers whom authorized shall have experience for supply of similar to intended goods costing as follows to any of the Central Government/State/UT Government/PSU institutions. Bidder shall submit along with any one of the copy of supply orders or sanction orders certificate issued by such institution pertaining to last 3 years.

- a. Three similar completed works/supply costing not less than the amount equal to ₹ 12,00,000/--
- b. Financial capability: Bidder shall be financially capable to undertake the contract of this tender financial transaction during each of the last three financial years of the bidder shall be more than ₹ 12 Lakhs. Bidder shall submit along with bid copy of any of the following documents.
 - (i) Audit Statement or Auditor's Certificate showing the financial transactions during last three years. or
 - (ii) Self Declaration with copy of bank statement certifying that the amount of Financial transactions of the bidder for each of the last three financial years

6.4 Broachers / Leaflets: Bidder shall submit along with bid the Broachers/leaflets containing details & specification of the quoted goods published by the manufacturer of the goods or their authorized agents

6.5 GST Registration:-Bidder shall be registered with Commercial TAX/ GST and shall have a valid GST Number. Copy of valid GST Registration Certificate shall be submitted along with the bid.

6.6 Income Tax Registration: Bidder shall be registered with Income Tax Department and shall have a valid PAN/TIN Number. Copy of valid PAN/TIN Card shall be submitted along with bid.

6.7 Income Tax Clearance: Bidder shall not be defaulter for remittance of Income Tax. Bidder shall submit along with bid copy of any one of the following documents.

- (i) Tax Clearance certificate for the last financial year issued by Income TAX Department or
- (ii) Copy of Income Tax Returns filed by the bidder to Income Tax Department (last financial year) or
- (iii) Self Declaration with documentary evidence, if any, as exempted from payment Of Income Tax

6.8 Not to be blacklisted/debarred party: Bidder shall not be either blacklisted or debarred by Central Government or any of the State/UT Government. A self declaration to this effect shall be submitted along with Bid.

6.9 Adhere with tender conditions: Bidder shall adhere with all the terms & conditions of this Tender document. If any deviation is suggested it shall be spelt out clearly. A self declaration to this effect with deviations, if any, shall be submitted along with Bid.

6.10 Specification: Bidder shall quote only for the goods which matches with the Specification of the goods indented. If any deviation is there, it shall be spelled out clearly in the Technical Bid format. A self declaration to this effect shall be submitted along with the Bid.

7. Tender Fee/ Cost of Tender Form

7.1 Tender Fee/Cost of Tender Form is Rs.500/-(Rupees Five hundred) only

7.2 Each Bidder shall remit Tender Fee/ Cost of Tender Form to the Bank Account No. 99502200027470(IFSC Code SYNB0009950) Syndicate Bank, Kavaratti, U.T. of Lakshadweep

7.3 Copy of Bank remittance Slip towards Tender Fee/Cost of Tender Form shall be up loaded along with the Bid

7.4 Bidder's who are exempted from payment of Tender Fee/ Cost of Tender Form shall submit the documentary evidence to that effect.

7.5 Tender Fee/Cost of Tender Form once remitted by the bidder shall not be refunded under any circumstances.

8. Mode of Submission of Bid

8.1 Bid shall be submitted in the e-tender mode through the website www.tendersutl.nic.in formalities for registration, submission of bids, etc. are available in this website itself.

8.2 Bids submitted by any other means shall not be considered.

8.3 Enclosures submitting along with the Bid shall be serially page numbered and page number of enclosure shall be specified in the respective column of Technical Bid format.

9. Bid System

9.1 The bid is invited in Two Bid System. Bidder shall submit the Technical Bid and Financial Bid separately.

9.2 Technical Bid: Format for submission of Technical Bid is attached as Annexure-B. Technical Bid as per Formats Annexure B shall be properly filled with enclosures and submitted along with the Bid.

9.3 Financial Bid: Format for submission of Financial Bid is attached as Annexure-D. The Financial Bid as per Format Annexure-D shall be properly filled and submitted along with the bid

10. Bid Security/ Earnest Money Deposit (EMD)

10.1 EMD for supply of Distribution box shall be submitted by means of ₹ 22,500/- (Rupees Twenty Two thousand and Five hundred) only.

10.2 EMD shall be by means of

(i) Amount of EMD shall be remitted to **Bank Account Number 99502200027470, IFC Code: SYNB0009950 (Syndicate Bank Kavaratti)**. Copy of Remittance Slip shall be attached with the bid.

Or

(ii) Bank Guarantee for equal amount of EMD from any nationalized bank valid for one year from tender opening date. Original BG shall be sent by Registered Speed Post to **Executive Engineer (Ele), Kavaratti Department of Electricity, UT.of.Lakshadweep-682555**. Copy of BG and Registered Speed Post Receipt shall be up loaded along with the Bid. As attached the format for BG Bond as a **Annexure C**

- 10.3 EMD of unsuccessful bidder shall be released/ refund only after finalization of the tender and awarding of work to the successful bidder.
- 10.4 EMD of successful Bidder shall be released/refunded only after the successful completion of the work/supply as per this tender document.
- 10.5 EMD shall not bear any interest under any circumstances and bidder shall not have any right to claim interest on EMD
- 10.6 EMD of successful bidder, who fails to submit Performance Guarantee/ Security Deposit or execute contract agreement within the stipulated timeframe as per this tender document shall be forfeited and remitted into Government account.
- 10.7 Purchaser reserves all rights to realize any sum of amount from the EMD as Liquidated Damage/penalty to be charged from the bidder as per this tender document.

11. Validity of Bids

- 11.1 Bids once submitted can be withdraw or modify till the last date for submission of bids. Bidder cannot withdrawn or modify his bid after the last date for submission of bids
- 11.2 Bids available as on the last date for submission of bids shall be valid till finalization of the tender by Department
- 11.3 EMD of bidders, who withdraw or modify their bid after due date but before finalization of tender, shall liable to be forfeited

12. Opening of Bids

- 12.1 Bids shall be opened by a Tender Opening Committee duly constituted by the Department.
- 12.2 Bids shall be opened on e mode in the Chamber of Executive Engineer (Ele), Kavaratti, Lakshadweep-682555 on the specified date & time.
- 12.3 Bids shall be opened in the presence of bidders or their authorized representatives, who ever may present at the place, date & time of bid opening.
- 12.4 Financial Bid of Bidders who qualified in the technical Bid evaluation only, shall be considered for opening. Date of opening of the Financial Bid will be decided after finalization of Technical Bid evaluation

13. Evaluation of Bid

- 13.1 There shall be a Tender Evaluation Committee (TEC) constituted for evaluation of the Bids
- 13.2 Technical Bid and Financial Bid shall be evaluated separately by the TEC

13.3 Initially the Technical Bid shall be evaluated and those who qualify in the Technical Bid shall only be considered for Financial Bid evaluation

13.4 Technical Bid shall be evaluated at first.

- (i) Bidders qualification shall be evaluated. Bidders shall qualify all the criteria prescribed under the clause no. 6 & 7 in this tender document. Those, who do not meet qualification criteria as per clause no.6 and 7 will be considered as technically disqualified and their bid will be rejected.
- (ii) TEC reserves' all rights to ask the bidders to submit any missing documents or ask clarification on the documents already submitted by the bidders so as to avoid disqualifying any bidder due to meager negligence. But TEC shall exercise this right impartially, only if there is sufficient reasons to do so, to protect the interest of the Government.

13.5. Financial Bids of the bidders those who qualified in technical evaluation only shall be considered for Financial Bid evaluation. Normally L1 bidder shall be selected. However, TEC reserves all rights to recommend any of the bidder other than L1 subject to proper justification like quality, past performance, etc.

13.6 Financial price for each item shall be reckoned as the as sum of rate quoted for the goods including warranty.

14. Letter of Intent (LOI)

14.1. After finalization of the tender, Department will issue letter of intent (LOI) to the successful bidders by registered post and email. A copy of the same will also be published in the official website of Lakshadweep Administration.

15. Confirmed Supply order

15.1 Confirmed supply order for the quantity required shall be issued and the bidder shall be responsible to supply the goods & services as supply order

16. Performance Guarantee/Security Deposit(PG/SD)

16.1 Successful bidder shall submit Performance Guarantee/Security Deposit separately for cost of work including warrantee period.

16.2 PG/SD for the cost of work including warrantee period shall be equal to 10% of cost of work shall be submitted within 15 days from the date of receipt of supply order. PG/SD for cost of the work including warrantee period shall be submitted for the confirmed supply Order as & when issued during the validity period of contract.

- 16.3 PG/SD shall be submitted by means of Bank Guarantee from any nationalized bank
- 16.4 PG/SD shall be valid till 2 months after expiry of warranty period and released only on completion of all contractual obligation as per Tender Document and Supply Order.
- 16.5 PG/SD shall not bear any interest under any circumstances and bidder shall not have any right to claim interest on PG/SD
- 16.6 PG/SD of the bidder who fails to comply with the conditions of tender document and supply order shall be forfeited and remitted into Government account.
- 16.7 Department reserves all rights to realize any sum of amount from the PG/SD as Liquidated Damage/Penalty to be charged from the bidder as per this Tender Document.

17. Validity of Contract

The entire supplies are to be completed within 45 days on issue of the technically and commercially clear Work Order. Any extension in the delivery period after the supply order is placed may result in the cancellation of the supply order.

18. Delivery & Installation

- 18.1 The item shall be delivered at departmental godown, Electrical Sub Division at Beypore, Kozhikode-15 (Kerala). The offers for delivery at ex -go down are likely to be rejected.
- 18.2 Supplier shall pack the goods in seaworthy packing having strong cases sufficiently stuffed with packing materials to avoid any breakage /damage/loss in transit till reaching at the destination in Lakshadweep. The safety of the goods up to the point of supply shall be the responsibility of the supplier and Department shall not be responsible for any breakage/damage/loss/theft of the goods during its storage/transit due to any reason, natural or otherwise.
- 18.3 Supplier shall be responsible to clear the rejected goods from the premises of delivery at their own cost within 30 days of issue of rejection notice. Delay/non-clearing the rejected goods shall attract the Liquidated Damages as same as delay for delivery clause of this tender document.

19. Quality of Goods

- 19.1 Goods supplied shall meet all the standard norms of quality for those goods prescribed by the concerned Government authority and/or of the same specification mentioned in the tender document.

19.2 Department reserves all rights to verify the quality of goods supplied by the supplier through any Government approved /identified agency.

19.3 If it happens to be came to the notice at any point of time that the goods supplied are of substandard quality or not as per required specification a notice will be issued to the Supplier to provide documentary evidence to prove the quality/ specification of goods supplied and it should be proved by the Supplier within 30 days from the date of issue of such notice. All costs for quality proven on the basis of such notice shall be borne by the supplier.

19.4 If the supplier fails to prove the quality within the stipulated timeframe, payment for such substandard goods shall not be released.

20. Guarantee/ Warrantee

20.1 The items offered shall be guaranteed for a minimum period of one year from the date of supply of item. The bidder is liable to rectify the defect occurred during the guarantee period by replacing /repairing the item at the risk and cost of the tenderer

22. Force Majeure

22.1 Delay from the side of Supplier for execution of any the conditions of this contract agreement under force major conditions like natural calamities or any other similar situations, delay in getting entry permit for service engineer, delay in getting space allotment for transportation of goods, time taken to carryout modification/ rectification suggested for manufacture compliant, etc.shall be condoned subject to proper justification furnished by the supplier in due course of time .However, the decision of Purchaser in this respect shall be final.

23. Penalty/Liquidated Damages

23.1 In case the successful bidder could not complete the supply within the prescribed time limit, compensation for delay of work@1.5% per month of delay computed on per day basis subject to maximum of 10% of the total contract value will be imposed unless the delay is due to recognized force majeure conditions.

23.2 In case the bidder becomes unable to affect supply within the time limit prescribed in the work order, the contract is likely to be cancelled and the Earnest Money Deposit from the bidder will be forfeited.

24. Payment Terms

24.1 No advance payment will be made against the supplies. Tenders demanding advance payment and clearance through Banks will not be accepted.

24.2 Payment will be released as detailed below.

- i) 90% immediately after delivering the materials at its delivery location.
- ii) 10% payment will be released after completion of successful installation by the department or after completion of 6 months of delivery, whichever is earlier.

25. Arbitration

25.1 The tender, supply order and contract agreement to be executed shall be governed by Indian Laws.

25.2 In the event of any dispute or difference between the parties hitherto, such dispute or difference shall be resolved amicably by mutual consultation or through the good office of empowered agencies of the Government. If such resolution is not possible, then, the unresolved dispute or difference shall be referred to arbitration of an arbitrator to be appointed by the Administrator, UT.of Lakshadweep. The award of the arbitrator shall be binding upon the parties to the dispute. Provided however any party aggrieved by such award may make a further reference for setting aside or revision of the award to appropriate authority in Kavaratti, UT of Lakshadweep whose decision shall bind finally and conclusively. The arbitration shall be carried out in English language.

26. Jurisdiction

26.1 The dispute, if any between the parties shall be settled at District & Sessions Court, Kavaratti, UT.of Lakshadweep and contract shall be interpreted under Indian laws.

27 Address for communication & Bank Account Details

27.1 Address for communication of the Purchaser is as follows

The Executive Engineer
Department of Electricity
UT of Lakshadweep
Kavaratti-682555
Phone. 04896262363
Email-lk-ktelect@nic.in

27.2 Bidder shall submit his address for communication containing valid email address along with the Technical Bid.

27.3 Any communication to the bidder/successful bidder/ supplier shall be made through post as well as email. Date of successful sending of email shall be reckoned as date of communication for the purpose of this tender

27.4 Bank Account details of the Department is as given below

Name of the Account Holder(s)	Executive Engineer
Account number	99502200027470
IFSC Code	SYNB0009950
Name of the Bank & Branch	Syndicate Bank, Kavaratti

27.5 Bidder shall furnish his Bank Account details in the above format along with Technical Bid

28. Termination of Contract

28.1 Violation of any of the conditions of tender document or supply order or contract agreement to be executed shall entail cancellation of tender/ contract and initiate legal action against the bidder including the blacklisting of the firm

28.2 Department reserves all rights to cancel the tender/ contract in full or in part at any time even without assigning any specific reason.

29. Contract Agreement & Confirmed Supply order

29.1 Successful bidder shall execute a contract agreement with the purchaser for carryout of the work mentioned in this tender


29.2 Contract Agreement shall be executed in Rs. 100/- stamp paper and cost of stamp paper shall be borne by the successful bidder

29.3 Contract Agreement shall be signed by the bidder and their two witnesses, which is to be duly attested by any Notary. Contract Agreement duly attested by Notary shall be forwarded to department for signature by the representative of the department and two witnesses from the side of department in presence of Executive Magistrate.

29.4 Date of signature of Contract Agreement by the representative of Department shall be considered as date of execution of agreement.

29.5 After execution of agreement, confirmed supply order for the quantity required at each stage shall be issued and the bidder shall be responsible to the goods & services as per supply order.

30. Technical specification and drawing attached as Annexure – A & E


13/4/2020
(P.V.Hassan)

Executive Engineer/ कार्यपालक अभियंता

Annexure -A**TECHNICAL SPECIFICATION FOR
OUTDOOR TYPE DISTRIBUTION STREET BOXES.**

This specification covers design, manufacture, &, supply of Out Door Main Distribution Panel Board for RGSB at Agatti.

1.0 Site Conditions:-

These Boxes are for installation in Lakshadweep group of Islands where atmosphere is heavily saline, polluted and dusty during the dry months and is subjected to heavy to very heavy rains during rainy season. Heavy lightning can expect any time in the area during monsoon period. All equipments shall be designed to withstand seismic forces, corresponding to an acceleration of 0.1g.

a	Height above MSL	:	20 meters
b	Maximum humidity	:	97 %
c	Highest dry bulb temperature	:	40 ^o c
d	Lowest dry bulb temperature	:	24.3 ^o c

2.0 FABRICATION:

Free standing, Floor mounted, totally enclosed completely dust tight, weather proof and vermin proof fully suitable for outdoor installations on a civil foundation / Iron angle frame, made out of 2 mm thick CRCA sheet steel type with roof type top cover and with Aluminum Bus Bar having current carrying capacity given in the description. It shall be with front and back opening with locking arrangement. Neoprene gaskets shall be used beneath all covers to render the joints effectively dust / rain proof. CRCA sheet steel (7 tank process) works shall be of high quality to withstand the highly corrosive atmosphere in Lakshadweep. All openings and out cuts in the doors shall be free from burrs. Weld runs, wherever comes shall be ground smooth. All surfaces shall be free from dents and hammer marks. A base channel of 75 x 10 x 6 mm ISMC Channel shall be provided. Necessary supports for proper holding of the cables shall be provided. An insulated bar made of FRP/HYLUM is also to be provided to the full length of the box to hold the end of the outside cables. All switches shall be operable from front. The panel shall be of IP 54 degree of protection as per IS: 13947. Box shall be Grey in colour (minimum two coats of enamel paint) having danger board with skull and bone 440V, at the center portion of front and back side. It may be engraved as "Department of Electricity" at the bottom portion of the front door.

3.0 BUSBAR:

Horizontal bus bar chamber with 4 nos. bus bars of Anodized Aluminium and supported on ceramic / epoxy insulators of 500V cap. The bus bars shall be separated at a distance of 80mm minimum and covered with coloured insulated heat shrinkable sleeve /epoxy coating of the red, yellow, blue colour indicating the phases and black for indicating the neutral. Bus bar shall be of high conductivity of uniform cross section. Bus bar shall be housed in separate bus bar chamber. Horizontal bus bar shall be extended through the length of panels. The connectors between horizontal and vertical bus bar shall be short and neat. Connections between vertical bus bar and SFUs shall be fully enclosed, so as to leave no access to live parts and shall present neat appearance.

4.0 Switch Fuse Unit

This shall be Air-Brake, Heavy Duty (AC – 23 duty) SFU with HRC fuses. The base of the HRC fuses shall be suitable for providing HRC fuse elements from 100Amps.

Make L&T, Siemens, ABB, Schneider, Crompton, GE.

5.0 Cable Connections

Incomer cables from EB and DG supplies and outgoing cables from the box shall be connected to the terminals of the SFU only through an additional piece of copper / aluminum strip having sufficient current carrying capacity to prevent any damage to the terminals of the SFUs due to loose contact at cable sockets.

6.0 Contacts:

The contacts of the SFU are to be made of high quality materials for better contact and greater resistance to corrosion. Contacts are to be ensured for low contact resistance and better arc-control.

7.0 Fuses:

Fuses shall be of HRC Cartridge fuse links type conforming to relevant Indian / International standards.

8.0 Metering Unit:

Multifunction Energy Meter Class 0.5 (Digital Multifunction Meter) with suitable CTs of Class 0.5 accuracy for KWH, Voltage, Current, Frequency etc.

9.0 Indicating lamp:

LED indications for incoming supply / phase.

10.0 WIRING:

The internal wiring of panel shall be done by copper wire of fire retardant as per IS 694 of required size and capacity as per ratings of connected switchgear in an approved manner. The internal connections shall be easily accessible during inspection and maintenance of the panel board. Sufficient space shall be provided for cable entering hole and cable gland plate at the bottom.

11.0 CABLE ENTRY:

Provision of suitable cable entry from bottom through glands to connect the equipment to incoming and outgoing cables and outside cables shall be made. The cables shall be easily accessible.

12.0 ERECTION:

The panel board shall be suitable for installation on cement concrete foundation / angle iron frame. Assistance must be provided for the erection of the panels in the Islands if required by the Department without any additional charges.

13.0 Painting:-

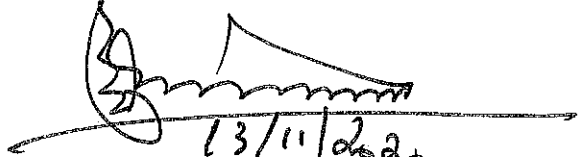
All the metallic parts shall be applied with 2 coats of metal red oxide primer followed by 2 coats of powder coated Grey colour paint. Sufficient time should be allowed between each coat to dry the surface properly.

14.0 Packing:

The panels shall be delivered in a seaworthy packing.

15.0 Drawing:

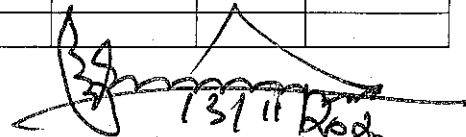
The tenders shall invariably be accompanied by detailed drawings and manufacturers catalogues and leaf-lets giving full technical specification and complete details of the items used in the boxes. Successful tenderer shall submit the GA Drawing of panel board and get it approved from the Department prior to the commencement of fabrication.


13/11/2022
(P.V.Hassan)

Executive Engineer/ कार्यपालक अभियंता

SCHEDULE OF PRICE**Annexure – D**

Sl.No	Description	Qty	Unit	Rate/Unit	CGST	Total
	<p>Design, Fabrication & Supply of LT outdoor Main Distribution KISOK type panel board totally fabricated with 14SWG CRCA sheet treated with 7 tank process, 1000A TPN Aluminum busbar, powder coated etc. complete as per the standard with the following switch gears and items. The box shall be double door at front side with perfect locking arrangement. Back side door detachable type. Two or three louvers for air ventilation at both sides and rear side shall be provided. The box shall be suitable for erection on CC foundation / Angle Iron / Rail frames, fully wired. Bus bar made with properly sleeved (RYB) Aluminum strip suitable to carry 1000 Amps with necessary support. Neutral bar of half size with black sleeve. This shall be housed in a separate chamber. An insulated bar made of FRP/HYLUM is also to be provided to the full length of the box to hold the end of the cables. The following are to be provided in the box.</p> <p>a) 4 Pole, 400A SFU, with HRC fuse (incomer) - 2 Nos.</p> <p>b) 4 Pole 400A SFU with HRC fuse (bus coupler) - 1 No.</p> <p>c) 4 Pole 200A TPN SFU with HRC fuse (out going) - 4 Nos</p> <p>d) 4 pole 100A TPN SFU with HRC fuse (out going) - 10 Nos</p> <p>e) Multifunction Digital type Energy meter (for 2 Nos incomer SFU, 400A,) with 6 Nos 15VA Class 0.5 resin cast current transformer.</p> <p>f) 6 Nos RYB LED Indication Lamps sets for 400A SFU incomers,</p> <p>g) 2A HRC fuse units for control/circuit/indication lamp - 6Nos.</p> <p>Base frame made out of 75 x 10x 6mm ISMC channel with powder coated painting after 7 tank process as per std. panel board will be fabricated as per relevant IES/IS/KSEB/Electrical Inspectorate Standard. SFU Make: L&T, Siemens, ABB, Schneider, Crompton and GE</p>	I	Set			
	Total					


 (P.V.Hassan)

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Annexure - B C

Form of Performance guarantee / Bank guarantee bond
(Reference para 21.1.(i)(V))

In consideration of the President of India (hereinafter called "The Government") having offered to accept the terms and conditions of the proposed agreement between (hereinafter called "the said Contractor(s)") for the work (hereinafter called "the said agreement") having agreed to production of an irrevocable Bank Guarantee for Rs. (Rupees only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We, (hereinafter referred to as "the Bank") hereby undertake to pay to the Government an amount not exceeding Rs. (Rupees Only) on demand by the Government.

2. We, (indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from the Government stating that the amount claimed as required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. (Rupees only)

3. We, the said bank further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment thereunder and the Contractor(s) shall have no claim against us for making such payment.

4. We, (Indicate the name of the Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in-Charge on behalf of the Government certified that the terms and conditions of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.

5. We, (indicate the name of the Bank) further agree with the Government that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor(s) and to forbear or forgive any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).

We, (Indicate the name of the Bank) lastly undertake not to revoke this guarantee except with the previous consent of the Government in writing.

This guarantee shall be valid up to unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. (Rupees only) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

Given this day of for (Indicate the name of the Bank)

Annexure -E

ANNEXURE-E

