



निविदा सूचना / TENDER NOTICE

सीएसएल - ए एन पोत मरम्मत यूनिट (सीएनएसआरयू) - मेसर्स कोचीन शिपयार्ड लिमिटेड, कोच्ची की एक इकाई - की ओर से निम्न सूचित कार्य / आपूर्ति के लिए अनुभवी फर्मों से मुहरबंद प्रतिस्पर्धी निविदाएं आमंत्रित की जाती हैं, ताकि निम्न सूचित तिथि और समय पर या उससे पहले अधोहस्ताक्षरी तक पहुँच सकें। कृपया संलग्न तकनीकी विनिर्देश, सामान्य नियम और शर्तें एवं अन्य अनुदेशों का संदर्भ लें।

Sealed competitive tenders are invited on behalf of CSL-AN Ship Repair Unit (CANSRU) - a unit of M/s Cochin Shipyard Ltd, Kochi from experienced suppliers for the under mentioned work/supply, so as to reach the undersigned on or before the date and time mentioned below. Please refer to the Technical Specification, General Terms and Conditions and other instructions attached.

निविदा सं. व तिथि Tender No. & date	सीएसएल/सीएनएसआरयू/प्रोज/066/टीईएन/2021-22 दिनांक 26.11. 2021 CSL/CANSRU/PROJ/066/TEN/2021-22 dated 26.11.2021
कार्य का नाम Name of Work	सीएसएल - सीएनएसआरयू पोर्ट ब्लेयर, में मौजूदा विद्युत पिलर बॉक्सों का उन्नयन (विस्तृत विनिर्देश अलग से संलग्न है।) UPGRADATION OF EXISTING ELECTRICAL PILLAR BOXES AT CANSRU, PORT BLAIR (Detailed specification is enclosed separately)
निविदा का प्रकार Type of Tender	दो बोली Two Bid
निविदा प्राप्ति की अंतिम तिथि एवं समय Last date & time of receipt of tender	दिनांक 15.12.2021 को 15:00 बजे तक 15.12.2021 up to 15:00 hrs
निविदा खोलने की तिथि एवं समय Date & time of opening of tender	दिनांक 15.12.2021 को 16:00 बजे तक 15.12.2021 at 16:00 hrs
वितरण अवधि Delivery Period	02 महीने (कार्यदिश की स्वीकृति की तिथि से) 02 months (from the date of acceptance of work order)

L1 जीएसटी सहित, उद्धृत कुल न्यूनतम राशि के आधार पर आएगा

L1 will be arrived based on the overall lowest amount quoted, including GST.

लिफाफे के ऊपर निविदा संदर्भ स्पष्ट रूप से सूचित किया जाना चाहिए।

Tender reference should be clearly indicated on top of the respective sealed envelopes.

सहायक महाप्रबंधक (नई परियोजनाएं) को संबोधित मुहरबंद निविदाएं कोचीन शिपयार्ड लिमिटेड, सीएसएल- अण्डमान पोत मरम्मत यूनिट (सीएनएसआरयू), मरीन डॉकयार्ड, मरीन जेट्टी पोस्ट ऑफिस, पोर्ट ब्लेयर, अण्डमान तथा निकोबार द्वीपसमूह - 744101 अधोहस्ताक्षरी के पास नियत तारीख और समय तक पहुँच जाएगा। (ई-मेल के माध्यम से बोली भेजने के मामले में, दस्तावेजों को पासवर्ड से सुरक्षित किया जाना चाहिए और संबंधित अधिकारी के अनुरोध के खिलाफ निविदा खोलने से तुरंत पहले या ई-मेल या



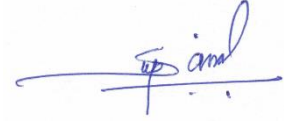
एसएमएस द्वारा संबंधित अधिकारी को पासवर्ड भेजा जाना चाहिए। भाग-I "तकनीकी-वाणिज्यिक" और भाग-II "मूल्य बोली" अलग से संलग्न किया जाना चाहिए।)

Sealed tenders addressed to **The Assistant General Manager (New Projects), Cochin Shipyard Ltd, CSL-Andaman Ship Repair Unit (CANSRU), Marine Dockyard, Marine Jetty Post Office, Port Blair, Andaman and Nicobar Islands – 744101** and shall be reached to the undersigned by the due date and time. (In case of bid sending through e-mail, then the documents should be password protected and the password should be forwarded to the concerned officer while attending the bid opening or by e-mail or SMS immediately before the tender opening against the request from concerned officer. PART-I "TECHNO-COMMERCIAL" & PART-II "PRICE BID" should be attached separately.)

उपरोक्त कार्य के लिए प्रभारी अधिकारी
Officer - in - Charge for the above work

नाम/Name: रोशन सी कामत / Roshan C Kamath
पदनाम/Designation: प्र (न.प)/ M (NP)
संपर्क सं. (मोब.)/Contact No (M): 9481263297
ई-मेल/E-mail: roshan.c@cochinshipyard.in

कृते कोचीन शिपयार्ड लिमिटेड
For Cochin Shipyard Limited



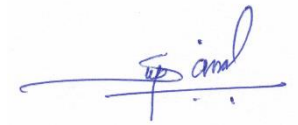
ठेकेदार का हस्ताक्षर एवं मुहर
Signature and Seal of the Contractor(s)

सहायक महाप्रबंधक (न.प.)
Assistant General Manager (NP)

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For Cochin Shipyard Limited



Assistant General Manager (NP)

Signature and Seal of the Contractor (s)

GUIDELINES & ELIGIBILITY CRITERIA

The document related to minimum eligibility criteria as given below should be submitted in a separate envelope super scribing "Documents related to minimum eligibility criteria". However, a single set of eligibility documents is to be submitted by the Bidders. The minimum qualification criteria for participating in the tender will be as follows:

1. Experience having successfully completed similar works (LT electrical Repair / Renewal and installations including supply of electrical accessories for electrical Pillar box / Distribution boards / control panels / Transformer / Circuit breakers). One in which tenders are invited should be either of the following:

a) Three similar completed works each costing not less than the amount equal to Rs.8 Lakhs.

OR

b) Two similar completed works each costing not less than the amount equal to Rs.10 Lakhs.

OR

c) One similar completed work costing not less than the amount equal to Rs.16 Lakhs.

(Details of orders executed along with completion certificate from the client indicating value of work executed and performance shall be submitted in this regard. The similar work should have been executed in India.).

2. Average Annual financial turnover during FY 2017-18, FY 2018-19 and FY 2019-20 should be at least 16 Lakhs. (Audited balance sheets showing turnover profit & loss account of the firm for the 3 FYs should be submitted).
3. The bidder should possess valid 'A' grade/ 'B' grade electrical contractor's license issued by any central/state/UT authorities or should associate with an electrical contractor having above license. A certified copy of contractor's license shall be submitted along with the tender document. In case, bidder associates with an electrical contractor having above license, bidder shall submit the details of same with undertaking along with the tender document. All the works shall be carried out in the presence of a full-time supervisor with a valid supervisory license. Contractor should ensure to follow the rules and regulations of Central Electricity Authority of India (CEA).
4. The Bidder should submit list of manufactures, type, size and other technical data of the materials specified in technical specification. Offers without such information will not be eligible for consideration. A team of CSL officials may visit their facilities of the bidders, and project executed for verification.
5. Final commissioning of pillar boxes after completion of work shall be shown at site. Therefore, supplier shall arrange the facility for testing & proving of electrical pillar boxes at site after delivery without any additional cost. Items failed during test shall be replaced immediately by the supplier and any expenditure in this regard is liable to the contractors only.

6. Tender document duly filled in and signed in all pages of tender document along with official seal, must be put in the proper envelope, duly sealed, with clear recording of the tender notice number and due date on the envelope and should be submitted as per the date stipulated. The tender is to be submitted in two-bid system. The techno commercial part alone will be opened initially on the due date of opening the tender. Bidders shall not be allowed to attend the techno commercial bid opening. Firms, whose techno commercial bids are acceptable, will be intimated regarding the date of opening of price part so that they can be present during the price bid opening. The price part will be opened only after evaluation of the techno commercial part.

Techno-commercial Bid (Part-1)

Techno-commercial part shall be prepared and put in a sealed cover and marked as follows:

TenderNo.	:
Due Date	:
 <u>TECHNO-COMMERCIAL BID (PART-1)</u>		
		To
		The Assistant General Manager (NP), Cochin Shipyard Limited, CSL-AN Ship Repair Unit Port Blair – 744 101.
From		
	
	

Price Bid (Part-2)

Price part prepared as above shall be enveloped and marked as follows:

TenderNo.	:
Due Date	:
 <u>PRICE BID (PART-2)</u>		
		To
		The Assistant General Manager (NP), Cochin Shipyard Limited, CSL-AN Ship Repair Unit Port Blair – 744 101.
From		
	
	

Note: These two separate sealed envelopes containing Techno-commercial Bid (Part-1) and Price Bid (Part-2), prepared as above should be inserted in another envelope and marked as follows.

Tender No. :
Due Date :

**TECHNO-COMMERCIAL BID (PART 1) & PRICE BID (PART-2) ARE INDIVIDUALLY SEALED
AND KEPT INSIDE**

To

The Assistant General Manager (NP),
Cochin Shipyard Limited,
CSL-AN Ship Repair Unit
Port Blair – 744 101

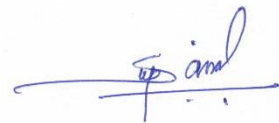
From

.....
.....

General notes:

- a) In case of bid sending through e-mail, then separate files of Techno-commercial bid & Price bid shall be attached in the same email. Price-bid should be password protected and the password should be forwarded to the concerned officer by e-mail or SMS immediately before the tender opening against the request from concerned officer
- b) Please ensure your offer is received before due date and time.

For Cochin Shipyard Limited



Assistant General Manager (NP)

SCOPE OF WORK AND TECHNICAL SPECIFICATION

1. SCOPE OF WORK & TECHNICAL SPECIFICATION

Brief scope of work includes repair / modification and installation of electrical pillar boxes as per the technical specification for the electrical work at CSL-Andaman Ship Repair Unit (CANSRU) is given below:

Repair, modifications, installations & commissioning of electrical pillar boxes at CSL-CANSRU Port Blair. Commissioning of repaired pillar boxes shall be done at site after delivery / installations of items. Items failed during test shall be replaced immediately by the contractor and any expenditure in this regard is liable to the contractor only.

2. TECHNICAL SPECIFICATIONS:

2.1 Pillar boxes

- a) Pillar Boxes shall be repaired with 2mm thick CR sheet, totally enclosed, compartmentalized, flush dead front, and modular construction as per the details mentioned in the price bid.
- b) The cubicle shall be accessible from the front for maintenance of MCCB/MCB/bus bar/cable termination/meters etc.
- c) The panel shall be finished with powder coating of RAL 7032 shade. Engraved in SS plate label shall be provided in front side including the feeder details, and danger signs (Separate Plate) etc.
- d) Manufacture's name plate should be provided in bus bar compartment. The entire enclosure shall meet IS 2147.
- e) The Pillar Box shall accommodate air insulated bus bar with colour coded heat shrinkable sleeve.
- f) Bus bar shall be three phase and neutral and of high conductivity hard drawn Aluminium rated for a temperature rise over the ambient temperature specified based on bare conductor rating.
- g) The main bus bars (3P+1N) shall be of uniform cross section.
- h) All fastens must be SS 304 and in metric size.
- i) The Pillar Box is to be provided with an earth bus bar CU (copper) with hole as required with a provision to earth it to the system earthing at both ends or top / bottom side of pane with SS fastener
- j) The Pillar box shall be cleaned thoroughly, and powder coated
- k) Suitable door locking arrangement is required for Pillar Box- 2 Nos each (Top and Bottom).

2.1.1 Construction & other general requirements for various Pillar Boxes

- a) The Pillar boxes shall be provided with hinged doors on the front with necessary handles and earthed using flexible copper conductor. The doors shall be provided with neoprene gaskets. Suitable channel base frame should be provided for the panel board.
- b) Detachable gland plates of 3mm thick shall be provided at the bottom of the panel for cable entry, suitable for the termination of cables with compression type glands to the sizes as specified and glands must be SS/Brass types. Adequate space should be provided in the cable chamber for safe bending and termination of cables. The enclosure shall be provided with lifting hooks, supporting legs and double earth terminals with double washers.

- c) Incomer feeder and outgoing feeder must be separated and label with danger sign.

2.1.2 Corrosion protection & powder coating

- a) All metal sheets surfaces shall be thoroughly cleaned and degreased to remove all scales, rust, grease and dirt.
- b) Supplier shall obtain details of approved colour from the Officer-in-charge before powder coating.
- c) Panel finish shall be free from imperfections like pin holes, orange peels, run -off paint, etc.

2.1.3 Bus bar sizing, connection and supports

- a) The bus bars shall be made from high conductivity aluminium bus bars as specified and supports shall be capable of withstanding the rated and short circuit current. Minimum size of main power bus bars shall be of incomer switch rating and interconnecting bus bar to feeders should be rated to switch rating. Maximum current density permissible for Aluminium bus bars shall be 0.8 Amps/Sq.mm without considering derating factors.
- b) The bus bars shall be provided with heat shrinkable PVC insulating sleeve. Bus bars shall be rigidly fixed to the supports, of SMC/DMC solid block type base. Busbars shall be firmly held within the slots in sheet type supports, and these should be adequate in number so as to avoid any sag in the bus bars. (Hylam supports should not be used)
- c) The bus bar sizing details and design shall be submitted to the engineer in charge for verification and approval prior to installation.

2.1.4 Power connection

For power interconnections within the switch board rigid flat bar (above 63A) / conductor, with PVC insulation, of adequate cross section i.e., current carrying capacity not less than the outgoing switch rating shall be used. To prevent accidental contacts, all exposed live portions of interconnecting bus bars and all terminals also shall be shrouded. Provision for clamping the cables inside the cable alley should be provided. Standard colour code of red, yellow and blue for phases and black for Neutral to be followed for all bus bars/conductors.

2.1.5 Name plates

Switch board shall be provided with danger plate and nameplates for all incoming and outgoing feeders.

These nameplates shall be of metallic (SS/ brass) screwed to panel. Metallic (brass) identification ferrule numbers shall be used for all internal wiring. The nameplate shall contain the following information.

- a) Panel Board Identification name & number
- b) Feeder name.
- d) Pillar Box Normal Current/Voltage rating.

2.2 General requirements for handling of cables

2.2.1 Cable Indicators

These shall be PVC identification numbers, ferrule (T type) shall be used for each wire.

2.2.2 Cable termination:

All cable leads shall be terminated at the equipment terminals, by means of crimped type solder less connectors and it must be Copper type lugs.

2.2.3 Use of Glands

- a) All cables armoured or unarmoured shall be terminated at the incomer by means of suitable size cable glands (SS/BRASS).
- b) The Contractor shall drill holes for fixing glands wherever necessary.

2.3 Tests

Cochin Shipyard Limited shall have the right to inspect the progress of work, quality of materials used/ workmanship at the premises of the manufacturer. The contractor shall give at least 15 days advance information to client about the manufacturing so that Cochin Shipyard Limited can attend the same.

PREFERRED MAKE

SI No	Description	Preferred Make
1	MCCB	Siemens, Schneider, L&T, ABB, Legrand
2	Digital meters	L&T, ABB, Siemens, Schneider, Konzerv, AE
3	Indicating lamps (LED type)	Teknic, Schneider, Siemens, BCH, C&S, L & T, Raas control, Telemecanic, ESBE
4	Indicating Meters (Analog)	AE, MECO, L&T, Rishab, Toyo, Schneider, Konzerv
5	Indicating meters (digital)	AE, MECO, L&T, Schneider, Konzerv, Krykard, Socomec
6	Instrument Transformer	AE, Kappa, Intech, PGR Powertech, Kalpa, Pragati, Intras, PGR, SEIL, ECS, Gemini, Powerturn.
7	Selector switches	L&T, C & S, Siemens, Schnieder, BCH, Teknic, Kaycee
8	Cable glands, lugs, End termination kits	Dowels, Raychem, 3M, Comet
9	Thermoplastic industrial type plug/ socket	Hensel, CAPE, Mennekes, Neptune, MK by Honeywell
10	MCB, RCBO, RCCB	Legrand, Siemes, L&T, Hagger, Schnieder, ABB,

Place of Work:

Cochin Shipyard Ltd,
 CSL-Andaman Ship Repair Unit (CANSRU),
 Marine Dockyard, Marine Jetty Post Office,
 Port Blair, Andaman & Nicobar Islands, Pin: 744101

NOTE:

1. Price bid and technical specification shall be referred for the detailed scope of work.
2. Contractor should ensure to follow the rules and regulations of Central Electricity Authority of India (CEA).
3. Pillar Box shall be repair and modified of the existing PBs While repairing necessary care to be given not to damage the existing cable and plinth The Pillar Boxs shall be erected on existing concrete plinth using suitable anchor bolts. In case if the existing foundation is not usable Pillar Boxs shall be erected on MS C Channels of size 100x50x6 /concrete plinth using suitable anchor bolts (as required). (if required).
4. Cochin Shipyard Limited shall have the right to inspect the materials supplied at any time within warranty period subject to the use of ordered items. Supplier is liable to replace the material in case any discrepancy in quality or quantity is noted.
5. Any expenditure till the delivery of items at aforesaid location including packing, loading, transportation, handling, insurance etc are under the scope of supplier.

GENERAL TERMS AND CONDITIONS (ENQUIRY)

1. Tenderers are to carefully go through the terms and conditions and the technical specification of the items for which offers are called for.
2. Offer shall be submitted in the prescribed form addressed to **Assistant General Manager (New Projects), Cochin Shipyard Ltd, CSL-Andaman Ship Repair Unit (CANSRU), Marine Dockyard, Marine Jetty Post Office, Port Blair, Andaman & Nicobar Islands, Pin: 744101.**
3. In case of bid are sent through e-mail, then the documents should be password protected and the passwords should be passed on to the concerned officer while attending the bid opening or by e-mail or SMS immediately before the tender opening against the request from concerned officer.
4. Offers should be free from overwriting. Corrections and additions, if any, must be attested. Incomplete/ambiguous offers are likely to be rejected.
5. Tenderers should quote prices in Indian Rupees (INR) for delivery of materials at **Cochin Shipyard Ltd, CSL-Andaman Ship Repair Unit (CANSRU), Marine Dockyard, Marine Jetty Post Office, Port Blair, Andaman & Nicobar Islands, Pin: 744101**, including loading, transportation, insurance, necessary customs clearance if any etc.
6. Prices should be valid for a period of four months from the date of opening of tender.
7. L1 will be arrived based on the lowest total amount quoted for overall items including GST.
8. CSL will have the rights to place partial order against quotation. Vendor shall supply material at same quoted price in case order is placed partially.
9. No enhancement of rate for whatever cause will be allowed once the offer is accepted and an order is placed.
10. Bidder shall submit Bid Security Declaration form placed at Enclosure-3. Withdrawal of the quotation after it is accepted or failure to make the supply within the stipulated delivery period will entail cancellation of the order.
11. GST/Duties, if any, payable extra is to be indicated in the price part for single bid and in techno-commercial part for two bid.
12. Delivery: All the items as per the scope of work shall be delivered as per the tender conditions within 2 months from the date of acceptance of Work Order.
13. **Payment terms:**
 - a. 100% payment will be released after completion of supply of all items as per the Purchase Order and final acceptance by Officer-in-Charge after necessary deduction including Security Deposit if any.
 - b. Contractor shall indicate details like PAN, GST details etc. required for processing payment. Payments will be made through NEFT/RTGS/Cheque mode and necessary details shall be furnished by the contractor. CSL reserves the right for the deduction of taxes and duties as applicable from the bill or invoice.
 - c. The Contractor shall also submit the Electronic Payment Mandate Form, as per Enclosure 1 in their letter head duly signed by the respective authorized representative of the Bank with a cancelled cheque along

with the Offer.

- d. The invoice to be raised on Officer in-charge, Cochin Shipyard Ltd, CSL-Andaman Ship Repair Unit (CANSRU), Marine Dockyard, Marine Jetty Post Office, Port Blair, Andaman & Nicobar Islands, Pin: 744101'.

e. GST No. of CSL-Andaman Ship Repair Unit is 35AAACC6905B1Z7.

- f. Payment will be released tentatively within 30 days from the date of submission of bill duly certified by the authorized CSL representative at Port Blair. Delay of accepted bills will lead to delay in processing of payment.

- 14. The firm/bidder winning the contract shall sign an agreement with Cochin Shipyard Ltd for "Fall Clause". Accordingly, during the contract period the firm/bidder cannot offer the item/s to anyone else at rates lower than the rates quoted, or the same lowest rate shall be applicable to the contract with CANSRU/CSL.
- 15. Manufacturer's name, their trademark and brand, if any, should invariably be mentioned and illustrative leaflets giving technical particulars etc., should be attached to the offer.
- 16. Materials offered shall conform to CANSRU/CSL specifications and drawings.
- 17. Samples are to be supplied free of cost in the event of requirement by CANSRU/CSL. The detailed working drawing, if called for, is also to be furnished for approval before commencement of manufacture.
- 18. The quantities to be purchased may vary according to actual requirement at the time of placing orders.
- 19. MSEs, Startups, Local Suppliers (Make in India), MSME firms and Startups will be eligible for various Relaxations in pre-qualification criteria and other Benefits as per the orders promulgated by Government of India. Bidders are advised to refer the details of various Benefits and Relaxation in pre-qualification criteria as published at CSL website (www.cochinshipyard.com) under the Tenders tab for further reference.

20. RESTRICTIONS UNDER RULE 144 (XI) OF THE GENERAL FINANCIAL RULES (GFRS), 2017

- 20.1 Certificate shall be submitted by the bidders as per the below format along with their offer, stating compliance with office order OM No. 6/18/2019-PPD dated 23rd July 2020 (as amended from time to time shall be applicable) regarding restrictions under rule 144 (ix) of the General Financial Rules (GFRs).

"I have read the clause regarding restrictions on procurement from as bidder of a country which shares a land border with India and on sub- contracting to contractors from such countries; I certify that this bidder is not from such a country or, if from such a country, has been registered with the competent authority and will not sub contract any work to a contractor from such countries unless such contractor is registered with competent authority. I hereby certify that this bidder fulfills all requirement in this regard and is eligible to be considered"

Where applicable, evidence of valid registration by the competent authority shall be attached.

- 20.2 Any bidder from a country, which shares a land border with India, will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. In works contracts, including turnkey contracts, contractors shall not be allowed to sub contract works to any contractor from a country which shares a land border with India unless such contractor is registered with Competent authority. Relevant certificate to be

submitted by bidder from a country which shares land border with India except for bidders to which Govt. of India has extended lines of Credit or in which Govt. of India has development projects, along with the offer as proof of registration with competent authority, failing which the offer will not be considered. A certificate is to be submitted by the bidder for compliance with the order referred above long with tender documents for consideration of offer (Wordings are as per Clause below). If such certificate given by a bidder whose bid is accepted is found to be false, this would be a ground for immediate termination and further legal action in accordance with law.

20.3 Registration should be valid at the time of submission of bids and at the time of acceptance of bids. In respect of supply otherwise than by tender, registration should be valid at the time of placement of order. If the bidder is validly registered at the time of acceptance /order placement, registration shall not be a relevant consideration during contract execution.

20.4 The competent authority for the purpose of registration under the order shall be Registration committee constituted by the Department of Promotion of Industry and Internal Trade (DPIIT). Details of the committee and procedure for registration and restrictions shall be as per Ann. I of the Order -Public Procurement no 1 dt 23.7.2020 issued by Ministry of Finance, department of Expenditure.

20.5 "Bidder" (including the term 'tenderers', 'consultant' or 'Service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.

20.6 "Bidder from a country which shares a land border with India" for the purpose of this Order means: -

- a) An entity incorporated, established or registered in such a country; or
- b) A subsidiary of an entity incorporated, established or registered in such a country; or
- c) An entity substantially controlled through entities incorporated, established or registered in such a country; or
- d) An entity whose beneficial owner is situated in such a country; or
- e) An Indian (or other) agent of such an entity; or
- f) A natural person who is a citizen of such a country; or
- g) A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

20.7 The beneficial owner for the purpose above will be as under:

1. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

Explanation-

- a. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent of shares or capital or profits of the company.
 - b. "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements.
2. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more judicial person has ownership of entitlement to more than fifteen percent of capital or profits of the partnership.
 3. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals,
 4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
 5. In case of trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

20.8 An Agent is a person employed to do any act for another, or to represent another in dealings with third person.

20.9 The successful bidder shall not be allowed to sub-contract works to any contractor from a country, which shares a land border with India unless such contractor is registered with the Competent Authority.

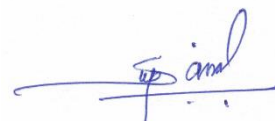
21. Security Deposit/ Warrantee Bank Guarantee:

- a) The successful bidder shall remit a security deposit of 5% of the total order value (excluding taxes, duties,) in the form of Bank Guarantee / demand draft drawn in favour of Cochin Shipyard Ltd towards the satisfactory performance of the contract, if an order is placed on them. Alternatively, a DD / Bank Guarantee equivalent to above % of the total order value (excluding taxes, duties) as per CSL format from an International Bank as per approved list of banks available in CSL website (for overseas supplier) & Scheduled Indian bank for Indian supplier is to be submitted, if an order is placed towards satisfactory performance of the contract.
- b) The Bank Guarantee /DD as above should be initially valid till 90 days after completion of supplies in terms of SD and later revalidated (within the validity of initial BG) to cover the guarantee period mutually agreed plus 90 days. Fixed Deposit Receipt (for equivalent amount of Security Deposit/WBG required as per tender) in lieu of bank guarantee is also acceptable. Fixed Deposit Receipt shall be in the name of supplier with lien marked in favour of Cochin Shipyard Limited, Kochi.

22. **Force Majeure condition:** - Should failure in performance of the contract or part thereof arise from war insurrection, restraint imposed by Government, Act of Legislature or other Statutory Authority or illegal strike, riot, legal lock-out, flood, fire, explosion, act of God or any inevitable or unforeseen event beyond human control which may be construed as reasonable ground for an extension of time, CSL may allow such additional time as is mutually agreed, to be justified by the circumstances of the case. The occurrence/ cessation of force majeure situation is to be informed with documentary evidence within 15 days from the date of occurrence/cessation.
23. **Liquidated Damage:** - In case of delay in supply of ordered materials beyond the stipulated delivery period, supplier has to pay Liquidated Damages a sum equivalent to ½% (half percent) per week or part of the week of the order value in the case of Machinery/Equipment and of the value of materials delayed in the case of all other items, subject to a maximum of 10% of the order value.
24. **Risk Purchase:** -If the supplier fails to supply the items ordered with in the delivery date or violate any of the terms and conditions of the purchase order; CANSRU/CSL shall have the following rights.
- a) To terminate the contract with 15 days' notice forfeiting the security deposit.
 - b) To initiate alternate procurement action at the risk and cost of the supplier.
25. **Guarantee:** - The goods supplied shall be guaranteed for satisfactory performance for 12 months where ever applicable from the date of commissioning against faulty design, defective materials and bad workmanship. Supplier should supply and install free of cost immediately any part found to be defective for the above reasons within the guarantee period.
26. **Indian Agent:** - Cochin Shipyard Ltd. is a fully owned Govt. of India Enterprise and prefers to deal directly with the supplier. However, if the supplier appoints an Indian Agent to deal with Cochin Shipyard Ltd., the commission payable by the supplier to such an agency shall be intimated. The Indian agent shall be enlisted with Director General of Supplies and Disposals under the compulsory registration scheme of Ministry of Finance. "If manufacturer's effect supplied through Agents only, authorization in writing from manufacturers in favor of the Agent for supply to CANSRU/CSL shall be furnished. If Indian Agent submit offers on behalf of foreign manufacturers, copy of the Agency Agreement between them and their mutual interest in the basis to be furnished. In case where an Agent participates in a tender on behalf of a foreign manufacturer with specific authorization from the manufacturer, he should not quote on behalf of another foreign manufacturer along with the first manufacturer in a subsequent/ parallel tender for the same item. In other words, one Agent cannot represent two suppliers or quote on their behalf in a particular tender."
27. **Jurisdiction:** - All questions, disputes or difference arising under, out of, or in connection with contracts shall be subject to the exclusive jurisdiction of the Courts at Cochin, Kerala, India.
28. Conditional discounts, if any, will not be reckoned for tender evaluation / comparison purposes.
29. Supplier should depute only persons who are entitled for exemption for income tax in India or any site work. In case the supplier does not depute such persons, the tax liability will be to supplier's account.
30. Packing Material should be ecofriendly.

31. Supplier should follow the statutory requirements of products offered.
32. Products supplied shall be nontoxic and harmless to health. In the case of toxic materials Material Safety Datasheet may be furnished along with the material.
33. After submission of tender, no unsolicited correspondence will be entertained.
34. Cochin Shipyard Limited does not bind itself to accept the lowest or any tender but reserves to itself the right to reject any or all or a part of any tender at its discretion.
35. Deviations, if any, in the offer submitted from that of tender enquiry in any form, should be clearly furnished in a separate document titled as "List of Deviations"(Encl 2), failing which it will be presumed that all the terms and conditions are acceptable.
36. In a tender, either the Indian Agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/ product in the same tender

For Cochin Shipyard Limited



Assistant General Manager (NP)

(Mandate for receiving payments through RTGS/NEFT Cochin Shipyard Ltd)

- 3) Vendor Code
- 4) Permanent Account Number (PAN)
- 5) Particulars of Bank Account

[illegible]

- a. Name of the Bank

[illegible][illegible]

- [illegible]

[illegible]

- i. 9-Digit MICR Code

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j. Type of the Account (S.B,Current or Cash Credit) with code (010/011/013)

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- [illegible]

- We hereby declare that the particulars given above are correct and complete. If the transaction is delayed or lost because of incomplete or incorrect information, we would not hold the company responsible.

Signature of Employee

Bank Certificate

We certify that_____ has an Account No._____ with us and we confirm that the details given above are correct as per our records.

Date:

Place:

(.....)
Authorized official of Bank

DEVIATION STATEMENT**Name of work: UPGRADATION OF EXISTING ELECTRICAL PILLAR BOXES AT CANSRU, PORT BLAIR****Tender No.: CSL/CANSRU/PROJ/066/TEN/2021-22**

We hereby confirm and truly declare that our Offer / Bid No.datedis in full compliance with the documents issued against the Tender No. dated , except for the deviations listed below:

LIST OF DEVIATIONS**(CSL reserves the right to reject offers with deviations)**

Sl.No.	Description / Tender Reference	Reasons for Deviation

Name of tenderer:

Date:

 Name & Designation
 Seal & Signature

(Company Seal)

Bid Security Declaration Form

Date: _____ Tender No: _____

To (insert complete name and address of the purchaser)

I/We, The undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Security Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period as per CSL (Cochin Shipyard Limited) procedures, if I am / We are in a breach of any obligation under the bid conditions, because I/We

a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or

b) having been notified of the acceptance of our Bid by the purchase during the period of bid validity

- i. i. fail or reuse to execute the contract, if required, or
- ii. ii. fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of

- i. the receipt of your notification of the name of the successful Bidder; or
- ii. thirty days after the expiration of the validity of my/our Bid.

Signed: (insert signature of person whose name and capacity are shown)

In the capacity of (insert legal capacity of person signing the Bid Securing Declaration)

Name: (insert complete name of person signing the Bid Securing Declaration)

Duly authorized to sign the bid for an on behalf of (insert complete name of Bidder)

Dated on _____ day of _____ (insert date of signing)

Corporate Seal (where appropriate)

(Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid)

**COCHIN SHIPYARD LIMITED
CSL-ANDAMAN SHIP REPAIR UNIT (CANSRU)
PORT BLAIR – 744 101**

SPECIAL INSTRUCTIONS FOR TWO BID SYSTEMS

1. MODE OF SUBMISSION OF TENDERS

Tenders should be submitted in two separate sealed covers superscribed in capital letters as PART-I "TECHNO-COMMERCIAL" & PART-II "PRICE" indicating the tender number, due date and name & address of the tenderer.

2. TECHNO-COMMERCIAL PART SHOULD CONTAIN FOLLOWING DETAILS

- a. Technical specification & manufacturer's name and model
- b. Drawings & Technical Literature, if any
- c. Other conditions, if any
- d. Deviation list, if any
- e. Overall size of Air/Seaworthy packages (L x W x H) and weight of each package should be indicated.
- f. Technical Check list duly filled, signed by authorized signatory and company seal.
- g. Copy of unpriced Price bid (Price bid without price & with percentage of taxes & duties and details like quoted /Nil/Included need to be mentioned for each line item.)

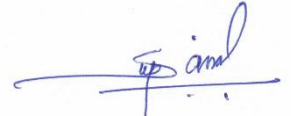
3. PRICE PART SHOULD CONTAIN FOLLOWING DETAILS

- a. Duly filled price bid as per the tender document.
 - b. The quoted rate shall include rate for material, service engineer if required, transportation, loading etc. to deliver the items to the location as mentioned in the tender document.
4. CANSRU/CSL reserves the right to alter, modify the scope of supply at their discretion and consistent with the policy of the Government of India and statutory bodies under them as applicable to the contract from time to time.
 5. The Techno-commercial part alone will be opened initially on the due date of tender. The price part will be opened only after evaluation of the Techno-commercial part. Firms will be intimated the date of opening of the price part, whose Techno-commercial bid is acceptable, in due course. Tenderers shall not be allowed to attend the Techno-commercial bid opening.
 6. Supplier should depute only persons who are entitled for exemption from income tax in India. In case the supplier does not depute such persons, the tax liability will be in the supplier's account.
 7. The Tenderer shall ensure that their Indian Agent is not representing any other suppliers for the same Tender. In other words, Indian Agents are not permitted to represent more than one firm for a particular Tender.
 8. After submission of quotation / price opening, no unsolicited correspondence will be entertained.
 9. Clarifications, either technical or commercial, should be submitted to points specially asked for only. The

opportunity so given should not be used for correcting/changing/amending the data/conditions already submitted with the tender.

10. Price part should be submitted in the Price Bid format provided. Price should be quoted separately for each item shown in the format. Combining of figures against more than one item and ambiguous clauses will lead to rejection of the bid.
11. Offers should be clear and unambiguous. Incomplete/ambiguous offers are likely to be rejected.

For Cochin Shipyard Limited

A handwritten signature in blue ink, appearing to be 'S. P. Chinal', written over a horizontal line.

Assistant General Manager (NP)

<u>TECHNO - COMMERCIAL CHECK LIST</u>				
Sl. No.	DESCRIPTION	COMPLIANCE		REMARKS
		YES	NO	
1	Submission of Tender in two parts - Price & Techno-commercial			
2	A complete set of tender documents, duly signed and sealed on all pages submitted along with techno-commercial offer			
3	Schedule of work as specified in technical specification/price bid of this tender is acceptable			
4	Completion period as mentioned in the tender enquiry is acceptable.			
5	Validity of offer - 4 months			
6	Payment Terms - confirm your offered mode of payment			
7	General working of the system will be proved to the satisfaction of CSL before signing of the commissioning report			
8	Warranty clause demanded by CSL is applicable?			
9	The Prices offered should remain firm till the completion of delivery, in case the purchase order is placed with you.			
10	A copy of price offer without price to be included in the techno-commercial offer. Please confirm			
11	Have you specified Taxes, duties, levies, packing & forwarding etc., if any, in the offer.			
12	Security Deposit for 5% of order value by way of Bank Guarantee to be submitted towards satisfactory performance of contract on placement of order. The BG should be initially valid till completion of work and			

	later revalidated to cover the Guarantee period as specified by CSL.			
13	L.D. payable as per relevant Clause in the enquiry.			
14	Disputes in connection with contract subject to jurisdiction of courts at Ernakulam, Kerala, India.			
15	Willingness to come to Ernakulam, Kerala / Port Blair, A&N Islands for techno commercial negotiation if required.			
16	Termination of contract/Risk purchase as per relevant clause in the General terms of enquiry.			
17	Detailed technical brochures/catalog/test certificates etc. of relevant units are submitted along with offer.			
18	Confirm all other terms and conditions of enquiry are acceptable.			
19	Offered items are meeting to the minimum specification declared by CSL and are the latest proved version/model only			
20	Fully aware about safety, general rules, regulations, standards, validity of offers and price, entry pass eligibilities.			
21	Details of orders executed along with completion certificate from the client indicating value of work executed and performance shall be submitted as mentioned in the eligibility criteria of Annexure 1.			
22	Average Annual financial turnover during FY 2017-18, FY 2018-19 and FY 2019-20 should be at least 16 Lakhs. (Audited balance sheets showing turnover profit & loss account of the firm for the 3 FYs should be submitted).			
23	The bidder should possess valid 'A' grade/ 'B' grade electrical contractor's license issued by any central/state/UT authorities or should associate with an electrical contractor having above license. A certified copy of contractor's license shall be			

Tender No. CSL/CANSRU/PROJ/066/TEN/2021-22

	submitted along with the tender document.			
24	The Bidder should submit list of manufactures, type, size and other technical data of the materials specified in technical specification			

Signature:

Address of the Tenderer:

Acceptance of the Terms & Conditions by the Tenderer

(To be given in the Letter Head of supplier/vendor)

1. I/We have understood clearly the Specifications, scope of materials, scope of work, General, Specific and Commercial Terms and Conditions of the Tender. I shall scrupulously abide by the same.
2. I/We have understood clearly that this is a supply/ installation/testing/commissioning work, for which I am/we are required to quote unite price+GST as applicable.
3. I/We certify that to the best of my /our knowledge the particulars furnished above is true.

(Signature with company seal)

For and on behalf of the company
Name & Designation of Signatory.

UNDERTAKING BY CONTRACTOR

Name of work: - UPGRADATION OF EXISTING ELECTRICAL PILLAR BOXES AT CANSRU, PORT BLAIR

1. "I / WE COMPLY WITH ALL CONDITIONS OF TENDER BY CSL AND CONFIRM THAT RATES QUOTED IN THE PRICE BID ARE INCLUSIVE OF ALL TAXES AND DUTIES INCLUDING SERVICE TAX IF APPLICABLE. I / WE ALSO CONFIRM THAT COVER-2 (PRICE BID) DO NOT CONTAIN ANY CONDITIONS".
2. "I / WE HAVE NOT MADE ANY PAYMENT OR ILLEGAL GRATIFICATION TO ANY PERSON / AUTHORITY CONNECTED WITH THE BID PROCESS SO AS TO INFLUENCE THE BID PROCESS AND HAVE NOT COMMITTED ANY OFFENCE UNDER THE PC ACT IN CONNECTION WITH THE BID."

Signature:

Name & address of the contractor:

(Self-declaration to be given by the contractor in letter head)

1. Reference No. & Date :
2. Bidder's Name & Address :
3. Person to be contacted :
4. Designation :
5. Telephone No. :
6. Fax No. :
7. E-mail :

SELF DECLARATION

We do hereby declare that we have not been debarred / blacklisted by CSL or by any of the Public Sector Undertaking or Government Department etc.

If CSL finds that, we have been blacklisted/de-barred by any of the Public Sector Undertaking or Government department, and then CSL can reject the offer or terminate the contract at any point of time. In such case, we are aware that Security Deposit, Performance Guarantee etc. will be forfeited by CSL. Further we are confirming herewith that, any loss that has happened to CSL due to this will be compensated by us.

For and on behalf of the firm

(Firms Name & Address)

(Signature of Authorized Signatory)

Name :
Designation :
Phone No. :
Seal :
Date :
Place :

PRICE BID FORMAT

Tender No- CSL/CANSRU/PROJ/066/TEN/2021-22

Name of work: UPGRADATION OF EXISTING PILLAR BOXES AT CANSRU, PORT BLAIR.

SI No.	Description	Qty	Unit	Unit rate for supply Installation & commissioning (INR)	Total rate for supply Installation & commissioning Excluding GST (INR)
1	Pillar Box-Slipway Area				
	Supply & commissioning of new required devices and Repair with modification of existing floor mount pillar box				
	INCOME FEEDER-1				
	250A 4P 36KA MCCB WITH MP RELEASE , ROM AND Spreader Link. L & T D-Sine	1	NO		
	LED MFM, CL-1.0 L & T MFM 4410 Cat No.-WL4410100000 or equiv.	1	NO		
	CT 250/5A CL-1,VA-5 TAPE WOUND TYPE	3	NOS		
	LED INDICATION LAMP-R/Y/B , Make- L & T-ESBEE or equiv	3	NOS		
	LED INDICATION LAMP-ON,OFF ,TRIP Make L & T -ESBEE or equiv.(if applicable)	3	NOS		
	2A SP MCB , L & T Exora Cat. No-BB10020C or equivalent	3	NOS		
	Analogue ammeter, voltmeter and digital MFM of suitable rating with selector switch and other required accessories	1	NO		
	OUTGOING FEEDER				
	160A 4P 36KA MCCB WITH TM RELEASE. L & T D-Sine Cat. No-CM92109OOP10G	2	NOS		
	Notes: 1.While repairing necessary care to be given not to damage the existing cable and plinth. 2. The Pillar Boxes shall be erected on existing concrete plinth using suitable anchor bolts. In case if the existing foundation is not usable Pillar Boxes shall be erected on MS C channels of size 100X50X6/concrete plinth using suitable anchor bolts.(as required) 3. Glanding and termination of existing incoming cable with all accessories including lugs shall be done by the contractor.				
1.1	Repair,modification with new devices and commissioning of pillar box	2	NOS		

2	Pillar Box-Dry -Dock 1 area (MDY 2)				
	Supply & commissioning of new required devices and Repair with modification of existing floor mount pillar box				
	INCOME FEEDER				
	400A 4PN 36KA MCCB WITH MP RELEASE , ROM and sprecker Link, L& T D-Sine	1	NO.		
	LED MFM,CL-1.0 L & T MFM 4410 Cat No. -WL4410100000 or equiv.	1	NO.		
	CT 400/5A CL-1, VA-5 TAPE WOUND TYPE	3	NOS		
	LED INDICATION LAMP-R/Y/B , Make- L & T -ESBEE or equiv	1	NO.		
	LED INDICATION LAMP-ON,OFF, TRIP Make- L & T-ESBEE or equiv.(if applicable)	1	NO.		
	2A SP MCB. L&T Exora cat No- BB10020C	3	NOS		
	Analogue ammeter and voltmeter of suitable rating with selector switch and other	1	NO.		
	OUTGOING FEEDER				
	250A 4P 36KA MCCB WITH TM RELEASE , ROM AND Spreader Link, L & T D-Sine	1	NO.		
	160A 4P 36KA MCCB WITH TM RELEASE.ROM and spreader Link L & T D-Sine Cat.	2	NOS		
	125A 4P 36KA MCCB WITH TM RELEASE , ROM and Spreader link, L & T BD-Sine Cat	2	NOS		
	125 A 5 PIN PLUG & SOCKET -THERMO PLASTIC , Make -BCH/	2	NOS		
	Notes: 1. While repairing necessary care to be given not to damage the existing cable and plinth . 2. The Pillar Boxes shall be erected on existing concrete plinth using suitable anchor bolts. In case if the exsisting foundation is non usable Pillar Boxes shall be erected on MS C Channels of size 100x50x6 /concrete plinth using suitable anchor bolts(as required). 3. Glanding and termination of existing incoming cable with all accessories including lugs shall be done by the contractor.				
2.1	Repair,modification with new devices and commissioning of pillar box	1	NO.		

3	Pillar Box-Dry -Dock 2(DD II 2 to 4)				
	Supply & commissioning of new required devices and Repair with modification of existing floor mount pillar box				
	INCOMER FEEDER-1				
	250A 4P 36KA MCCB WITH MP RELEASE , ROM AND Spreader Link, L & T D-Sine	1		NO.	
	LED MFM,CL-1.0 L & T MFM 4410 Cat No-WL4410100000 or equiv.	1		NO.	
	CT 250/5A CL-1,VA-5 TAPE WOUND TYPE	3		NOS	
	LED INDICATION LAMP-R/Y/B, Make - L & T -ESBEE or equiv	1		NO.	
	LED INDICATION LAMP-ON, OFF, TRIP Make- L & T-ESBEE or equiv.(if applicable)	1		NO.	
	2A SP MCB, L & T Exora Cat No- BB10020C or equivalent	3		NOS	
	Analogue ammeter and voltmeter of suitable rating with selector switch and other	1		NO.	
	OUTGOING FEEDER				
	200A 4P 36KA MCCB WITH TM RELEASE , ROM and spreader Link . L & t d-Sine Cat No-CM92109OOP1OG or equivalent	1		NO.	
	125 A 4P 36KA MCCB WITH TM RELEASE , ROM and spreader Link L & T D-Sine cat	2		NOS	
	125A 5 PIN PLUG & SOCKET -THERMO PLASTIC	2		NOS	
	Notes: 1. While repairing necessary care to be given not to damage the existing cable and plinth. 2. The Pillar Boxes shall be erected on existing concrete plinth using suitable anchor bolts. In case if the existing foundation is non usable Pillar Boxes shall be erected on MS C channels of size 100X50X6/concrete plinth using suitable anchor bolts.(as required). 3. Glanding and termination of existing incoming cable with all accessories including lugs shall be done by the contractor.				
3.1	Repair,modification with new devices and commissioning of pillar box	1		NO.	

4	Pillar box -Dry-dock 2(DD II 6)				
	Supply & commissioning of new required and Repair with modification of existing floor mount pillar box				
	INCOME FEEDER -1				
	630A , 4P 36 KA MCCB WITH MP RELEASE, ROM and spreader Link, L& T D-Sine	1		NO.	
	LED MFM, CL-1.0 L & T MFM 4410 Cat No-WL 4410100000 or equiv.	1		NO.	
	CT630/5A CL-1,VA-5 TAPE WOUND TYPE	3		NOS	
	LED INDICATION LAMP-R/Y/B,Make -L & T -ESBEE or equiv	3		NOS	
	LED INDICATION LAMP-ON,OFF,TRIP Make - L & T -ESBEE or equiv.(if applicable)	3		NOS	
	2A SP MCB L & T Exora Cat No- BB10020C or equivalent	3		NOS	
	Analogue Ammeter and voltmeter of suitable rating with selector switch	1		NO.	
	OUTGOING FEEDER				
	400A 4P 36KA MCCB WITH TM RELEASE, ROM and Spreader link, L & T D-Sine Cat	1		NO.	
	160A 4P 36KA MCCB WITH TM RELEASE L & T D-Sine Cat No	1		NO.	
	250A 4P 36KA MCCB WITH TM RELEASE L & T D-Sine Cat No-CM92109OOP10G	1		NO.	
	Notes:- 1. While repairing necessary care to be given not to damage the existing cable and plinth 2. The Pillar Boxes shall be erected on existing concrete plinth using suitable anchor bolts. In case if the existing foundation is not usable Pillar Boxes shall be erected on MS C Channels of size 100x50x6 /concrete plinth using suitable anchor bolts(as required). 3. Glanding and termination of existing incoming cable with all accessories including lugs shall be done by the contractor				
4.1	Repair,modification with new devices and commissioning of pillar box	1		NO.	

5	Pillar Box -DD2 Berth Area (DD II-7)				
	Supply & commissioning of new required devices and repair with modification of existing floor mount pillar box				
	INCOME FEEDER -1				
	400A 4P 36KA MCCB WITH MP RELEASE , ROM and spreader link, L & T D-Sine	1	NO.		
	LED MFM,CL -1.0 L & T MFM 4410 Cat No-WL4410100000 or equivalent	1	NO.		
	CT 400/5A CL-1,VA-5 TAPE WOUND TYPE	3	NOS		
	LED INDICATION LAMP-R/Y/B, Make - L & T -ESBEE or equiv	3	NOS		
	LED INDICATION LAMP-ON,OFF,TRIP Make- L & T -ESBEE or equiv.(if applicable)	3	NOS		
	2A SP MCB L & T Exora Cat No-BB10020C or equivalent	3	NOS		
	Analogue ammeter and voltmeter of suitable rating with selector switch	1	NO.		
	OUTGOING FEEDER				
	200A 4P 36 KA MCCB WITH TM RELEASE ROM and spreader Link L & T D-Sine cat	2	NOS		
	160A 4P 36KA MCCB WITH TM RELEASE L & T D-Sine Cat No-CM92109OOP1OG	2	NOS		
	Notes: 1. While repairing necessary care to be given not to damage the existing cable and plinth. 2. The Pillar Boxes shall be erected on existing concrete plinth using suitable anchor bolts. In case if the existing foundation is not usable Pillar Boxes shall be erected on MS C Channels of size 100x50x6 /concrete plinth using suitable anchor bolts(as required). 3. Glanding and termination of existing incoming cable with all accessories including lugs shall be done by the contractor.				
5.1	Repair,modification with new devices and commissioning of pillar box	1	NO		

6	Pillar Box - DD1 Berth Area (MDY-4)				
	Supply & commissioing of new required devices and repair with modification of existing floor mount pillar box				
	INCOME FEEDER-1				
	630A 4P 36KA MCCB WITH MP RELEASE , ROM and spreader	1	NO.		
	LED MFM ,C; -1.0 L & T MFM 4410 Cat No-WL4410100000 or equiv.	1	NO.		
	CT 630/5A CL-1, VA-5 TAPE WOUND TYPE	3	NOS		
	LED INDICATION LAMP-R/Y/B,Make - L & T -ESBEE or equiva	3	NOS		
	LED INDICATION LAMP-ON,OFF,TRIP Make- L & T -ESBEE or equiv(if applicable)	3	NOS		
	2A SP MCB L & T Exora Cat No-BB10020C or equivalent	3	NOS		
	Analogue ammeter and voltmeter of suitable rating with selector switch and other required accessories	1	NO.		
	OUTGOING FEEDER				
	400A 4P 36 KA MCCB WITH TM RELEASE , ROM and spreader Link L & T D-Sine Cat	1	NO.		
	200 A 4P 36KA MCCB WITH TM RELEASE ROM and spereader Link L & T D-Sine cat	2	NOS		
	Notes:- 1. While repairing necessary care to be given not to damage the existing cable and plinth 2. The Pillar Boxes shall be erected on existing concrete plinth using suitable anchor bolts. In case if the existing foundation is not usable Pillar Boxes shall be erected on MS C Channels of size 100x50x6 /concrete plinth using suitable anchor bolts(as required). 3. Glanding and termination of existing incoming cable with all accessories including lugs shall be done by the contractor				
6.1	Repair,modification with new devices and commissioning of pillar box.	1	NO.		
	Total Amount excluding GST (INR)				
	GST Amount (INR)				
	Total Amount including GST (INR)				
	Total Amount including GST in words				
	GSTIN of Bidder				
	General Notes : 1. Pillar Box drawings including GA and detailed drawing shall be submitted to CSL for prior approval. 2. Individual feeder(incoming & outgoing) shall have individual compartment plug board type DB should be adequately spaced. 3. The pillar boxes shall be with both male and female plug sockets for the ratings specified all plug sockets shall be of thermoplastic type. 4. Gland plate for suitable cable entry shall be provided from the bottom of the panel. Sizes of cable gland will be intimated in the detailed design stage. 5. The Pillar boxes shall be fabricated(if required) as per the relevant standard/rules drawings technical specification etc. 6. Approval to be obtained from CSL for Bus bar (Aluminium) with suitable sizing. 7. All materials required for the supply installation testing and commissioing of panels will be under the scope of contractor. 8. Pillar box shall contain suitable size of copper bus bar for earthing (25mm x 3mm).				