CSL/CKSRU/TEN/2026/148/1 **19.11.2026**

TENDER NOTICE

सीएसएल – कोलकाता पोत मरम्मत यूनिट (सीकेएसआरयू), कोलकाता की ओर से निम्न सूचित कार्य केलिए 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 - Kolkata Ship Repair Unit (CKSRU), Kolkata from experienced firms for the under mentioned work, 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/सीकेएसआरयू/टेन/2026/148/1** दिनांक 19.11.2026 **CSL/CKSRU/TEN/2026/148/1** dated 19.11.2026
कार्य का नाम Name of Work	सीकेएसआरयू, कोलकाता के लिए 50 क्यूबिक मीटर क्षमता वाले 02 वेस्ट ऑयल टैंक का निर्माण और आपूर्ति (विस्तृत विनिर्देश अलग से संलग्न है) FABRICATION AND SUPPLY OF 02 NOS. 50 CU.M WASTE OIL TANK FOR CKSRU, KOLKATA (DETAILED SPECIFICATION IS ENCLOSED SEPARATELY)
निविदा का प्रकार Type of Tender	**दो बोली** **Two Bid**
जमा करने केलिए बयाना राशि Earnest Money to be deposit	रु. 10,000/- Rs.10,000/-
निविदा प्रपत्र की लागत Cost of Tender Form	रु. शून्य Rs. Nil
निविदा प्राप्ति की अंतिम तिथि एवं समय Last date & time of receipt of tender	दिनांक 03.12.2026 को 16:00 बजे तक 03.12.2026 at 16:00 hrs.
निविदा खोलने की तिथि एवं समय Date & time of opening of tender	दिनांक 03.12.2026 को 16:30 बजे तक 03.12.2026 at 16:30 hrs.
कार्य पूर्ण करने की अवधि। Work completion period	**75 दिन** (कार्यादेश जारी होने की तिथि से) **75 Days** (from the date of issue of work order)

यदि बोली सीलबंद लिफाफे में भेजी जाती है तो निविदा संदर्भ लिफाफे के ऊपर या ईमेल द्वारा बोली भेजी जाती है तो विषय में निविदा संदर्भ स्पष्ट रूप से इंगित किया जाना चाहिए ।

Tender reference should be clearly indicated on top of the envelope if bid is sent in sealed envelope or in subject if bid is sent by email.

सहायक महाप्रबंधक i/c (सीकेएसआरयू) को संबोधित मुहरबंद निविदाएं सीएसएल- कोलकाता पोत मरम्मत यूनिट सीकेएसआरयू), ड्राई डॉक ऑफिस बिल्डिंग, गेट नं. 9, नेताजी सुभास डॉक, सर्कुलर गार्डन रीच रोड, कोलकाता – 700024 में स्थित 'सीकेएसआरयू निविदा बॉक्स' में नियत तारीख एवं समय तक डाली जाएंगी। पासवडय से सुरनक्षत निनवदाएं निर्धाययरत प्रारूप में ईमेल के माध्यम से sourav.jena@cochinshipyard.in पर नियत तारीख और समय तक भेज दी जाएं गी।

Sealed tenders addressed to The Assistant General Manager i/c (CKSRU) shall be dropped in the **"CKSRU Tender box" located at CSL-Kolkata Ship Repair Unit (CKSRU), Dry Dock Office Building, Gate No. 9, Netaji Subhas Dock, Circular Garden Reach Road, Kolkata -700024** by the due date and time. Or Password protected tender file shall be emailed to sourav.jena@cochinshipyard.in by the due date and time

उपरोक्त कार्य केलिए प्रभारी अधिकारी
Officer In-Charge for the above work

नाम/ Name : सौरव जेना/ Sourav Jena
पदनाम/ Designation: उप प्रबंधक/Deputy Manager
संपर्क सं. (मोब.)/Contact No (M): 7994518749
ई-मेल/ E-mail: sourav.jena@cochinshipyard.in

कृते कोचीन शिपयार्ड लिमिटेड
For Cochin Shipyard Limited

Sourav Jena

For

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

सहायक महाप्रबंधक i/c (सीकेएसआरयू)
Assistant General Manager i/c(CKSRU)

TABLE OF CONTENTS

Sl. No.	Description	Annexure
1	Scope of work and Technical Specification	1
2	Price bid format	2
3	General Terms and Conditions	3
4	Special Instructions for Two-Bid systems	4
5	Vendor details	5

SCOPE OF WORK & TECHNICAL SPECIFICATION

A. Scope of Work:

Work includes fabrication & supply of 02 nos. 50 Cu.m waste oil tank for CKSRU, Kolkata. In this turnkey scope, all materials, consumables and labour shall be supplied by the contractor. Transportation, loading/unloading, insurance etc. of the materials are in contractor's scope.

B. Technical specification:

1. Maximum Capacity per tank – 50 cubic meter
2. Type of oil: Heavy Fuel Oil, HSD, LO, Oily water etc.
3. Material – Mild Steel conforming to IS:2062 or equivalent.
4. Tank should have a manhole, vent, drain, outlet and filling lines as depicted in the drawing.
5. Nos of lifting hooks attached as per drawing must be capable of lifting weight of tank + weight of fuel.
6. Tank to be tested with Hydrostatic test / APT and DP Tests.
7. Lifting load test to be conducted with tank completely filled.
8. Paint Scheme –
   a. Internal: Oil Smearing with OM750 or equivalent oil.
   b. External: Mechanical Preparation followed by 1 coat primer + 2 coat marine quality anti-corrosive coat + 1 epoxy finish coat.
   c. Paint Make: PPG/ Jotun/AkzoNobel

C. Notes:

1. Drawing of tank is annexed below.
2. Weight given in the attached indicative drawing is approximate only. Actual weight shall be calculated by the contractor and quote accordingly.
3. Transportation, loading, unloading and associated expenses shall be at supplier's scope.
4. All material passes and man entry passes to be arranged by contractor. Required authorization letter shall be issued from CKSRU.
5. All sharp edges and welding to be grinded smooth prior to painting.
6. Term "CKSRU"," WASTE OIL TANK" and Tank capacity to be welded on sides of the Tank in steel material and each letter should be of size 150x100mm.

7. Minor changes/revisions may be required to suit site conditions and same should be done by the contractor without any additional cost.
8. If any vendor proposes to carry out fabrication work at the CKSRU premises, CSL shall provide the required space. The vendor shall complete the fabrication work and vacate the allotted area within 75 days.

D. Delivery Location:

Cochin Shipyard Limited
CSL-Kolkata Ship Repair Unit (CKSRU)
Gate No.9, Netaji Subhas Dock
Circular Garden Reach Road, Kolkata – 24

E. Period of completion:

Entire work as per the scope of work shall be completed **within 75 days** from the date of acceptance of the Work Order.

F. Eligibility criteria:

The minimum qualification criteria for participating in the tender will be as follows:

1. Experience having successfully completed similar works (Structural fabrication works) during the last 5 years ending last day of month previous to the one in which tenders are invited should be either of the following:
   I. Three similar completed works each costing not less than the amount equal to Rs. 12 Lakhs.

   OR

   II. Two similar completed works each costing not less than the amount equal to Rs. 15 Lakhs.

   OR

   III. One similar completed work costing not less than the amount equal to Rs.24 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. The bidder should have an average annual financial turn over should be at least 9 Lakhs during the last 3 consecutive financial years (FY 2025-26, FY 2024-25 & FY 2023-24). (Copy of audited balance sheets showing turnover profit & loss account of the firm for the preceding 3 FYs should be submitted).

PRICE BID							
NAME OF WORK -FABRICATION AND SUPPLY OF 02 NOS. 50 CU.M WASTE OIL TANK FOR CKSRU, KOLKATA					**Annexure -2**		
TENDER REF: CSL/CKSRU/TEN/2026/148/1							
Item No.	**Description of Items**	**Unit**	**Qty (A)**	**Unit rate Excl GST (Rs) (B)**	**Total rate Excl. GST (Rs) (C=AxB)**	**GST (%)**	**HSN/SAC code**
1	Fabrication and supply of 50 cu.m waste oil tank for CKSRU, Kolkata as per the technical specification at Annexure 1	Nos	2				
TOTAL AMOUNT EXCLUDING GST (Rs.)							
TOTAL AMOUNT INCLUDING GST (Rs.)							

Signature and seal of the bidder

Annexure - 3

TERMS AND CONDITIONS

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 in the 'CKSRU Tender Box' located at CSL-Kolkata Ship Repair Unit, Gate No.9, Netaji Subhas Dock, Circular Garden Reach Road, Kolkata - 700024, and has to be addressed to The Assistant General Manager i/c (CKSRU), Cochin Shipyard Limited, CSL-Kolkata Ship Repair Unit, Kolkata - 24.
3. In case of bid 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. **Validity:** The offer should be valid for a minimum period of four months from the tender closing date.
5. **Earnest Money Deposit (EMD):** Rs.10,000/- (Rupees Ten Thousand only)
   EMD for a valid bid has to be submitted by the bidder in the form of demand draft / FDR / Bank Guarantee (Enclosure-2) drawn in favour of Cochin Shipyard Limited from scheduled bank except Co-operative bank in case of indigenous bidders and from international bank as per the CSL approved list in case of foreign bidder. Cheques are not acceptable. Bids submitted without EMD will be rejected. No interest shall be paid for the EMD, Security Deposit or Performance guarantee. EMD will be returned to the unsuccessful bidder's post finalization of tender and issue of Work Order to the L1 bidder.
   1. Earnest Money Deposit remitted by the successful bidder shall be adjusted against the Security Deposit or refunded separately as decided by CSL. The Earnest Money Deposit (EMD) may be forfeited if :-
      i. The bidder withdraws, amends, impairs, or derogates from the tender or agreed conditions in any respect within the period of validity of their offer.
      ii. Non-acceptance of work order.
      iii. Bidder after accepting the work order fails to provide services.
   2. Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) or are registered with the Central Purchase Organisation or the concerned Ministry or Department are exempted from submission of EMD.
6. **Cost of Tender Form**: Nil
7. **Mode of tender:** The tender for the work will be based on Two Bid system. The tender shall consist documents as indicated at Annexure-4.
8. Bidders can contact Officer-in-Charge of the work which is indicated in the tender notice for any clarification before submitting the offer. If clarifications/details are not obtained before the offer is submitted, no claim on this account will be admitted.
9. Bidders to note that no advance payment will be made by CSL against work order/ supply order issued.
10. Corrections and additions if any in the bid must be attested/ duly signed by the bidder. In the case of error in multiplication/addition in amount calculated, the unit rate quoted will be considered as correct and the amount will be calculated accordingly. Conditional rebates & discounts, incomplete/ambiguous offers are likely to be rejected.
11. L1 will be arrived based on the lowest total amount quoted excluding GST.
12. Normally CSL will award the contract to the Bidder whose bid has been substantially responsive to the bidding documents and who has offered lowest evaluated total amount. However, if in the opinion of CSL, the total price or certain item rates quoted by the lowest evaluated bidder are considered high, CSL may invite such bidder for price negotiation. Lowest quoted bidder shall attend such negotiation meetings and if requested by

CSL shall provide the analysis of rates/break – up of amount quoted by him for any or all items of Schedule of Rates/ prices to demonstrate the reasonability. As a result of negotiation, bidder may offer rebate on his earlier quoted price.

13. No enhancement of rate for whatever cause will be allowed once the offer is accepted and an order is placed.
14. GST/Duties, if any, payable extra is to be indicated in the techno-commercial part for two bids.
15. **Payment terms:**
    a) 100% payment shall be released after completion of total scope of the work and acceptance by CSL representative at CKSRU site.
    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 in the format at Enclosure-1.
    c) CSL reserves the right for the deduction of taxes and duties as applicable from the bill or invoice.
    d) The invoice to be raised on Officer in-charge, Cochin Shipyard Limited, CSL-Kolkata Ship Repair Unit, Dry Dock Office Building, Netaji Subhas Dock, Gate No.9, Circular Garden Reach Road, Kolkata – 700024.
    e) GST No. of CSL-Kolkata Ship Repair Unit is 19AAACC6905B1Z1.
    f) Payment will be released tentatively within 30 days from the date of submission of bill duly certified by the authorized CSL representative at Kolkata. Delay in submission of bills will lead to delay in processing of payment.
16. **Security Deposit/ Bank Guarantee:**
    a) The successful bidder shall remit a security deposit of 5% of the total order value (excluding taxes, duties,) within 7days from the date of receipt of the order, 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 contractor) & 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 indicated 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 contractor with lien marked in favour of Cochin Shipyard Limited, Kochi.
    c) If the contractor fails to submit the security deposit, equivalent amount towards the security deposit shall be debited from the contractor's invoice and the same shall be released upon competition of the guarantee period.
17. MSEs, Startups and Make in India 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.
18. The rate quoted shall remain firm throughout the period including extension if any.
19. The firm should not subcontract the work in part or full.



20. **Guarantee Period:** The goods supplied shall be guaranteed for workmanship and satisfactory performance for a period of 12 months from the date of receipt of the materials at CKSRU yard and acceptance of the materials. Contractor should rectify the defects without cost implication to CSL immediately after intimation of any such defects noticed during the Guarantee period.
21. **Risk Purchase:** If the contractor fails to supply the items ordered with in the delivery date or violate any of the terms and conditions of the purchase order, 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 contractor.
22. **Liquidated Damage:** In case any delay in completion period or in the Supply of ordered materials beyond the stipulated completion period / delivery period, the contractor has to pay Liquidated Damage (LD), a sum equivalent to ½% (half percentage) of the order value per week or part of the week subjected to maximum of 10 % of the order value.
23. **Force Majeure condition:** Should failure in performance of the contract or part thereof arise from war insurrection, restrain 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.
24. Transportation and Transit insurance shall be in the scope of the contractor and unit prices quoted are to be inclusive of the same.
25. Packing Material should be eco-friendly.
26. Contractor should follow the statutory requirements of products offered.
27. 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.
28. After submission of tender, no unsolicited correspondence will be entertained.
29. 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. After submission of tender, no unsolicited correspondence will be entertained.

Annexure - 4

COCHIN SHIPYARD LIMITED
CSL-KOLKATA SHIP REPAIR UNIT (CKSRU)
KOLKATA – 700 024

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. Documents for minimum eligibility criteria
b. Drawings & Technical Literature, if any
c. 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.)
d. Complete set of tender documents duly signed and sealed on all pages as a token of acceptance.

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. CKSRU/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 port, whose Techno-commercial bid is acceptable, in due course. Tenderers shall not be allowed to attend the Techno-commercial bid opening.
6. 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.
7. After submission of quotation / price opening, no unsolicited correspondence will be entertained.
8. 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.

9. 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. In case if there is any ambiguity in the price bid, unit rate quoted will be considered as base and L1 will be arrived accordingly.
10. Offers should be clear and unambiguous. Incomplete/ambiguous offers are likely to be rejected.

Enclosure - 1

Electronic Payment Mandate Form

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

1) Vendor Name
2) Vendor Address with Phone No

3) Vendor Code
4) Permanent Account Number (PAN)
5) Particulars of Bank Account
   a. Name of the Bank
   b. Name of the Branch
   c. Branch Code:
   d. NEFT Code of the Bank:
   e. City Name:
   f. Branch Location:
   g. Branch Telephone No.:
   h. Bank IFSC Code:
   i. 9-Digit MICR Code

(where MICR is starting with "0". Please take the correct code from your bank for proper identification of city, bank, branch)

   j. Type of the Account (S.B,Current or Cash Credit) with code (010/011/013)
   k. Account Number (as appearing on the cheque book)

6) Email Address of Vendor:
7) Date of Effect of RTGS/NEFT in your Bank:

(Please enclose a cancelled un-signed cheque leaf to enable us to verify the details mentioned above)

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

Enclosure - 2

BANK GUARANTEE TOWARDS EMD

To

COCHIN SHIPYARD LTD

(GOVT. OF INDIA ENTERPRISE,)

PO BAG No. 1653 , PERUMANOOR PO, COCHIN 682 015.

This deed of Guarantee made on ……. Day of …….Two Thousand ……..between CSL on one part and ….. (Name and address of the bank) of the other part is as follows:

In consideration of CSL having allowed M/s. …..(herein after referred to as 'the Contractor') to submit Tender No…..without Earnest Money according to the conditions of such Tender Notification, we… (Name of the Bank) (hereinafter referred to as 'the bank') undertake to pay to CSL on demand the sum of money payable as Earnest Money in respect of the Tender Number……..made by the contractor in case the contractor withdraws from the tender before the date of firmness stipulated or when the tender is accepted by CSL, the contractor makes default in furnishing the Security Deposit or in entering into an agreement as required by CSL or otherwise commits any breach of the terms and conditions of the tender.

We, the bank, hereby irrevocably undertake to pay you any amount not exceeding in total the Guarantee Amount upon receipt by us of your demand in writing accompanied by the following documents:

Your signed statement certifying that the Contractor is in breach of his obligation(s) under the Contract and the respect in which the Contractor is in breach.

Any demand for payment should contain your authorized signatures which must be authorized by your bankers or by a notary public.

The guarantee shall remain in full force and effect during the period that would be taken for the finalization of the tender and till CSL certifies that the terms and conditions of the said tender have been fully and properly carried out by the said contractor and accordingly discharges this guarantee

or for 6 months from the date of issue of this guarantee whichever is earlier. A notice of the claim under this guarantee may be served on the bank within 3 months after the said period in which case the same shall be enforceable.

We, the Bank, further agree that any change in the constitution of the said contractor or the said bank shall not discharge our liability hereunder. This guarantee shall not be avoided, released or affected by any variation in the terms of the tender, acceptance of the contract between the contractor and CSL or any neglect, indulgence or forbearance by CSL.

Notwithstanding anything contained herein:

1. Our liability under this Bank Guarantee shall not exceed ------only).
2. This Bank Guarantee shall be valid up to (date) (9 months from the date of issuing the BG) and

3. We are liable to pay the guaranteed amount or any part thereof under this bank guarantee only and only if you serve upon us a written claim or demand on or before .....(validity date).

Any demand for payment under this Guarantee must be received by us at this office during working hours on or before the validity Date. Should we receive no claim from you by the validity Date, our liability to you will cease and the guarantee will definitely become null and void whether returned to us or not.

Yours truly,

Signature and seal of the
guarantor:……

Name of
Bank:……

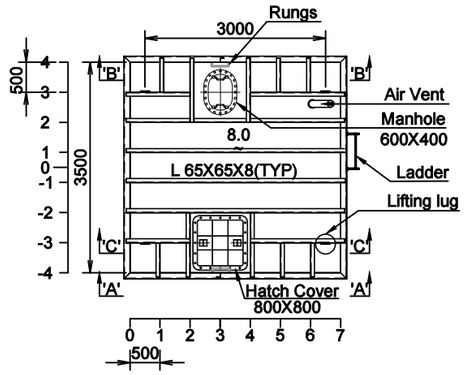
Address: ……

Date:……

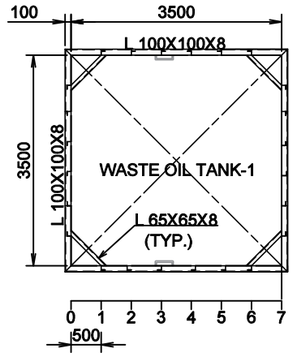
VENDOR DETAILS

1	Name of the Bidder/Firm	
2	Registered office Address of Company/Firm	
3	Registered office Address of Company/Firm in Kolkata	
4	Telephone No./Fax No./Mobile No	
5	E-mail address	
6	Names of the contact person & designation	(i) (ii) (iii)
7	Type of Entity-Proprietorship/Partnership firm/Company/NSIC/MSME Category etc. (Please attach registration certificate of Firm/Partnership agreement/proprietorship documents)	
8	PAN Card Number	
	GST Registration Number (GST certificate to submitted along with the technical bid)	
	EPF registration no. (EPF registration certificate to be submitted along with the technical bid) Note: In case firm does not have EPF registration reasons thereof to be indicated	
	ESI Registration No. (ESI registration certificate to be submitted along with the technical bid). Note: In case firm does not have ESI registration reasons thereof to be indicated	
	Copy of License if applicable	
9	Whether the Agency has been blacklisted/debarred or given tender holiday or contract terminated before expiry of the contract period by any 'Govt./autonomous bodies/ organizations where bidder has provided services earlier due to deficiencies in service or misconduct etc.	Yes/No (please tick as applicable) If yes, please furnish details on a separate sheet

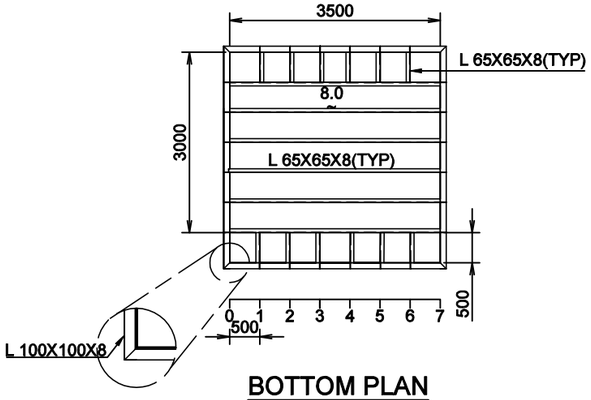
Sign & seal of contractor:



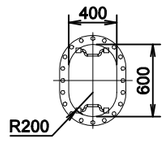
PLAN 4000 AB/BL



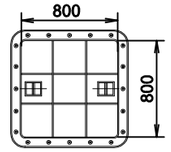
PLAN 2150AB/BL



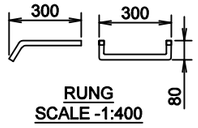
BOTTOM PLAN



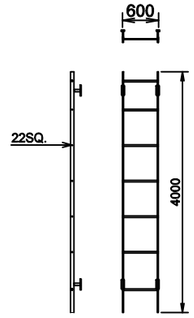
MANHOLE

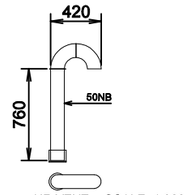


HATCH COVER

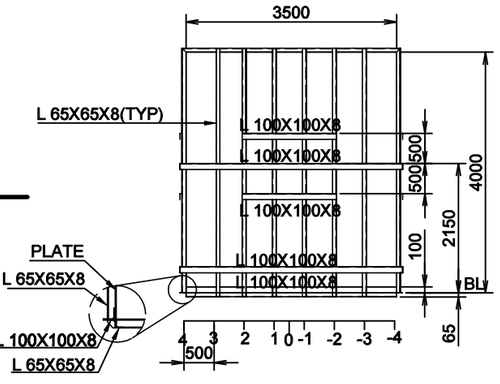


RUNG
SCALE -1:400

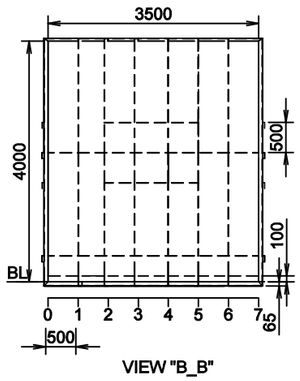




AIR VENT SCALE -1:200

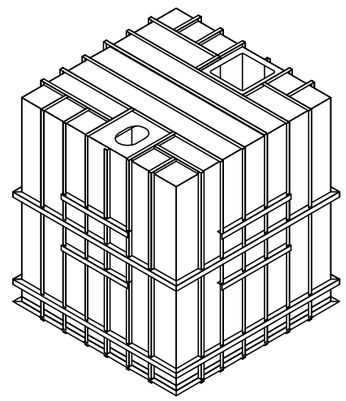


SIDE VIEW AT FR 0



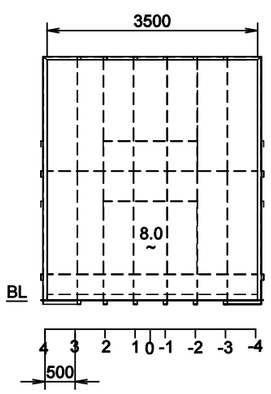
VIEW "B_B"

VIEW AT 1750 OFF CL (SB)

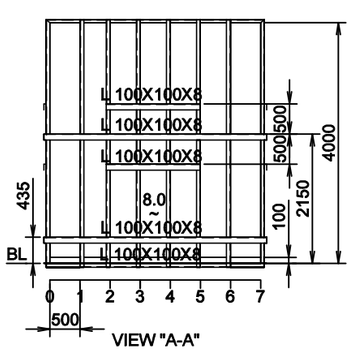


ISOMETRIC VIEW

	MATERIAL	SIZE	LENGTH	TOTAL WEIGHT
ANGLE	ISE250 GR.BR	65X65X8mm	163M	1255 Kg
ANGLE	ISE250 GR.BR	100X100X8mm	60M	726 Kg
PLATE	ISE250 GR.BR	8.00 mm	85M2	5968Kg
SQ.Rod	STEEL Gr.A	22Sq.	14 M	53Kg
Pipe	STEEL Gr.A	50NB	2M	8Kg
				≈7601Kg

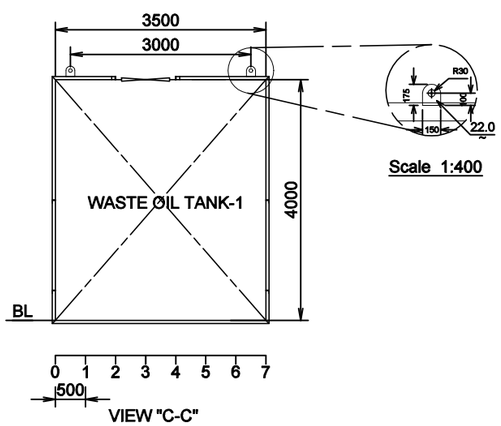


SIDE VIEW AT FR 7



VIEW "A-A"

VIEW AT 1750 OFF CL (PS)



Scale 1:400

VIEW "C-C"

IWO LIFTING LUG

NOTE:
1. ALL DIMENSIONS ARE IN MM
2. SUITABLE MODIFICATION TO BE DONE AT SITE IF REQUIRED.
3. ISE250 GR.BR OR EQUIVALENT MAY BE USED SUBJECT TO AVAILABILITY.IN ALL CASES, THE YIELD STRENGTH OF THE STEEL SHALL NOT BE LESS THAN 235 MPA.
4. SUITABLE TANK COATING (INTERIOR AND EXTERIOR) SHALL BE CARRIED OUT PRIOR TO INSTALLATION.

REV.	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
0	18-07-2026	FIRST ISSUE	JC/VKG	NNK/HUR	JCG

PROJECT NAME:	PROJECT NO. :	YARD NO. :
100 Cu.m Waste Oil Tank for CKSRU	C113	NA

COCHIN SHIPYARD LIMITED
A GOVERNMENT OF INDIA ENTERPRISE
A MINIRATNA COMPANY UNDER
THE MINISTRY OF PORTS, SHIPPING AND WATERWAYS

TITLE

STRUCTURAL DRAWING

Scale	Format	Sheet No.	Dwg. No.	C113-200-100
1:100	A3	01/02		

ACCORDING TO INTERNATIONAL LAWS, THIS DRAWING IS THE PROPERTY OF COCHIN SHIPYARD LTD. THE DRAWING SHALL NOT BE MADE PUBLIC, COPIED OR OTHERWISE USED, WITHOUT PRIOR WRITTEN CONSENT.