

THE SHALIMAR WORKS (1980) LIMITED

(WHOLLY OWNED BY THE GOVERNMENT OF WEST BENGAL)

Regd. Office: HRBC Office Compound, Canteen Building, 1st Floor,
Munshi Premchand Sarani, Kolkata – 700021
Tele/Fax: +91 (033) 2262-0099
E-mail: mdshalimarworks@gmail.com,
shalimaraccounts@gmail.com

Works: 1, Foreshore Road, Howrah – 711102
Ph.: +91 (033) 2668-6056 / 1086
E-mail: swlaccountsworks@yahoo.co.in
swlpurchase1@gmail.com

Website: www.shalimarworks1980ltd.com CIN: U45207WB1981SGC033266

Ref.: GM/TENDER/23-24/SB/804/18

Date: 19/08/2023

Notice Inviting e-Tender (NIeT)

Notice inviting e-tender for complete Ventilation System of 42 Meter RORO vessel, Yd. 804 of WBTC Ltd. as stated detailed in the NIeT.

Sl. no.	Description of Supply & Works	Period of Delivery / Completion	Eligibility of Bidders
1.	Complete Ventilation System comprising of design, drawing, manufacturing, supply, trial run and commissioning on board 42 Meter RORO Vessel, Yard 804 of WBTC Ltd. at SWL premises as detailed in Section B & Section C. GA drawing no. SWL-RORO-01, Sheet 1 of 1 is enclosed for reference.	Completion within 90 days from the date of receipt of order.	A) The intending bidders should have adequate experience in supply & installation of ventilation system on board any marine vessels. Documents in support of experience are to be submitted along with Technical bid. B) The bidders must have experienced marker, gas cutter, fitters, qualified welders and qualified supervisors conversant with rules & regulations of standard ship-building practice.

- Intending bidder may download the tender documents from the website www.wbtenders.gov.in.
- The financial bid of the prospective tenderer will be considered only if the technical bid of the tenderer is found qualified. The decision of the Tender Evaluation Committee will be final and absolute in this respect.
- Cost of Tender & Earnest Money Deposit (EMD):
 - Tender Fees: ₹ 1,000/- (Rupees one thousand) only is to be submitted along with Part (I). The Tender Fee is non-refundable.
 - Earnest Money Deposit (EMD):
 - A sum of ₹ 10,000/- (Rupees ten thousand) only shall be deposited as interest free EMD in the form of the following payment modes with the tender:
 - Demand Draft drawn on any Nationalized Bank in favour of THE SHALIMAR WORKS (1980) LIMITED, payable at Kolkata.
 - RTGS/NEFT in case of offline payment through bank account in any bank.

SHIP BUILDERS * SHIP REPAIRERS * ENGINEERS



THE SHALIMAR WORKS (1980) LIMITED

SHIP BUILDERS * SHIP REPAIRERS * ENGINEERS

CIN: U45207WB1981SGC033266

Ref.: GM/TENDER/23-24/SB/804/18

Date: 19/08/2023

SWL Bank Details:

Bank Name: UCO Bank, Branch Name: FCC-INDIA EXCHANGE PLACE BRANCH
Beneficiary Name: THE SHALIMAR WORKS (1980) LIMITED
Account No.: 19670510001264 & IFS Code: UCBA0000002

The amount of Earnest Money has been fixed for tendering purpose only having no relation to the prospective contract price. This amount of EMD in case of successful tenderer would be refunded to him after completion of work.

- b) Any tender not accompanied by Tender Fees and Earnest Money shall be summarily rejected. Bidders registered with MSME may seek exemption for EMD by submitting valid MSME certificate.
 - c) Earnest Money deposited by the unsuccessful tenderers shall be refunded to him without any interest and on specific written request from the tenderers after issuance of order on the successful tenderer.
 - d) If after submitting the tender, the tenderer withdraws/modifies his tender or fails to furnish the performance guarantee/security deposit, if applicable, in the form of Bank Guarantee within the stipulated time, on acceptance of the tender, SWL shall be entitled to forfeit the full amount of earnest money deposited by the tenderer
- 4) Documents to be uploaded:
- a) Technical Proposal (Part-I):
 - Scan copy of the Tender fee
 - Scan copy of the EMD
 - Self-attested NIEt and all relevant documents
 - Scan copy of Credential/Work orders of similar types of supply/work executed
 - Scan copy of PAN, GST, Trade License, P Tax payment certificate, ITR for last 3 years

All the documents should be duly stamped & signed by the bidder as a token of acceptance.
 - b) Financial Proposal (Part-II):
 - BOQ (Bill of Quantity)
- 5) Bids shall remain valid for a period not less than 90 days from the last date of submission of financial bid.
- 6) The bidder, at his own responsibility, risk and cost may discuss with SWL that may be necessary for preparing the bid as mentioned in the Notice Inviting e-Tender, before submitting offer with full satisfaction.
- 7) Conditional/incomplete tender will not be accepted under any circumstances.



THE SHALIMAR WORKS (1980) LIMITED

SHIP BUILDERS * SHIP REPAIRERS * ENGINEERS

CIN: U45207WB1981SGC033266

Ref.: GM/TENDER/23-24/SB/804/18

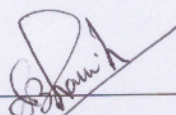
Date: 19/08/2023

8) Date and Time Schedule:

Sl.	Particulars	Date & Time
1.	Notice uploading date	19/08/2023
2.	Document download start date	19/08/2023 @ 2:00 PM
3.	Bid submission start date	19/08/2023 @ 2:00 PM
4.	Bid submission end date	02/09/2023 @ 1:00 PM
5.	Submission of original copies of DD at Head Office, SWL	04/09/2023 before 1:00 PM
6.	Technical bid opening date (Part-I)	04/09/2023 @ 1:00 PM
7.	Financial bid opening date (Part-II)	To be notified later

- 9) The intending bidders shall clearly understand that whatever may be the outcome of the present invitation of bids, the tender accepting authority reserves the right to accept or reject any offer without assigning any reason whatsoever and is not liable for any cost that might have been incurred by any tenderer at the stage of bidding.
- 10) Prospective applicants are advised to note carefully the eligibility criteria as mentioned in NIeT. Offers of bidders fulfilling the eligibility criteria will only be opened. If required, the bidders may contact General Manager (Mobile: 99030 34882, e-Mail: gmsshalimarworks@gmail.com) for any technical clarification.
- 11) The intending tenderers are required to quote the rate online per unit in INR.
- 12) During scrutiny, if it comes to the notice of the Tender Inviting Authority that the credential or any other paper found incorrect / manufactured / fabricated, that bidder would not be allowed to participate in the tender and that application will be rejected without any prejudice.
- 13) The General Manager reserves the right to cancel the NIeT / Corrigendums due to unavoidable circumstances and no claim in this respect will be entertained.
- 14) If there be any objection regarding prequalifying the intending firm may contract SWL within 2 (two) days from the date of publication of NIeT.
- 15) Before issuance of the order, the Tender Inviting Authority may verify the credential and other documents of the lowest tenderer, if found necessary. After verification if it is found that the documents submitted by the lowest tenderer is either manufactured or false, in that case order will not be issued in favour of the said tenderer under any circumstances.
- 16) Escalation of Price on any ground and consequent cost overrun shall not be entertained under any circumstances.

Seal and signature of the tenderer


General Manager, SWL

SECTION – A
BIDDER'S PROFILE
(On Company's Letter Head)

1. Name of the Company:
2. Address of the Company:
3. Name of Contract Person:
4. Mobile No. and e-Mail ID:
5. Registration nos.:
 - a) PAN:
 - b) GST:
 - c) P Tax:
6. Bank details for refunding EMD/release of payments.
 - a) Bank Name:
 - b) Branch Name:
 - c) Beneficiary Name:
 - d) Account No.:
 - e) IFS Code:

Signature of the tenderer with office seal



THE SHALIMAR WORKS (1980) LIMITED

SHIP BUILDERS * SHIP REPAIRERS * ENGINEERS

CIN: U45207WB1981SGC033266

Ref.: GM/TENDER/23-24/SB/804/18

Date: 19/08/2023

SECTION – B SPECIAL TERMS AND CONDITIONS

- 1) The work has to be carried out in the premises of SWL at 1 Foreshore Road, Howrah 711 102.
- 2) Completion Time:

90 days from the date of receipt of work order.
- 3) Order acceptance:

The final evaluation will be made based on total price quoted by the bidder.
- 4) SWL's Scope of Supply:

Worksite, water, electricity (as long as CESC supply is available) and lifting equipment including crane as available.
- 5) Contractor's Scope of Supply:
 - a) Design & Drawings
 - b) Engine room supply fans (Centrifugal), Galley Exhaust Fan, Toilet Exhaust Fans, necessary Louver boxes, Goose Necks, Duct line materials, Air Grills, Distribution Box and any other materials to complete the required ventilation job.
 - c) Qualified welders up to G-5 if required, skilled, unskilled workmen, competent site in charge, supervisor, consumables like class approved electrodes (brand ESAB/ADORE/ROYAL), gas cutting, welding machines with accessories, grinding machine, grinding wheels, cutting wheels, industrial gases, drilling machine, tools and tackles, blowers and safety items required for workmen.
- 6) Contractor's Scope of Work:
 - a) Transportation of all materials to worksite from SWL store/stock yard.
 - b) Erection/installation of all ventilation items.
 - c) All necessary foundation/base of the equipment to be fabricated and erected in respective position.
 - d) Fabrication and erection of ducting for necessary distribution of air flow and properly secured.



THE SHALIMAR WORKS (1980) LIMITED

SHIP BUILDERS * SHIP REPAIRERS * ENGINEERS

CIN: U45207WB1981SGC033266

Ref.: GM/TENDER/23-24/SB/804/18

Date: 19/08/2023

- e) To assist and guide the personnel for electrical installation with the respective supply and exhaust fans.
- f) Commissioning and trial of the systems as per standard ship-building practise and in compliance with the requirement of IWT Directorate.
- g) Any other work not indicated above but required for successful completion of the ventilation of the system.

7) Variation in Work:

SWL shall have the right to make variation in the BOQ of the tender at the time of execution of the work. In case of upward variation in the item quantity, contractor will be bound to execute the work as per the BOQ approved rate.

8) Inspection:

By IWT Directorate, WBTC and SWL in stages and also after completion. The jobs are to be carried out as per direction of SWL and with close liaison among departments.

9) Price: To be quoted Lump Sum in INR.

10) Taxes: As applicable.

11) Terms of Payment:

- a) 20% of Order value as advance of against Bank Guarantee of equivalent amount as per SWL format valid for 6 months.
- b) 40% of Order value within 30 days from the date of completion of 60% work.
- c) 30% of Order value within 30 days after completion of 100% work.
- d) Balance 10% on completion of work and submission of 10% PBG valid for contractual guarantee period.

12) Guarantee:

The job to be carried out shall withstand guarantee for a period of 18 (eighteen) months from the date of completion and acceptance by SWL or 12 (twelve) months after delivery of the vessel to WBTC Ltd., whichever is earlier.



THE SHALIMAR WORKS (1980) LIMITED

SHIP BUILDERS * SHIP REPAIRERS * ENGINEERS

CIN: U45207WB1981SGC033266

Ref.: GM/TENDER/23-24/SB/804/18

Date: 19/08/2023

13) Liquidated Damage (L.D.):

In the event of delay in execution of the work due to the reason attributable to the sub-contractor, liquidated damage @0.5% per week's delay or part there of subject to a maximum of 5% of the order value shall be levied and recovered from the sub-contractor.

14) Risk Purchase:

In case of delay in execution of the work beyond the contractual completion period, SWL reserves the right to out-source the job from any other firm at the risk and cost of the vendor.

15) Prevention of Damage:

Utmost care has to be taken during work at SWL yard to avoid any damage/loss of company's materials, machineries. Wilful damage has to be compensated in full. Safety of sub-contractors men and materials shall their own responsibility. All rules applicable for working within PSU premises are to be adhered to.

16) Arbitration:

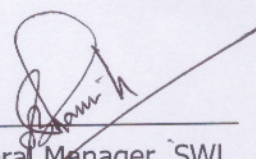
For disputes arising in executing and discharge of the contract from either side the Managing Director of SWL, HRBC Office Compound, Canteen Building, 1st floor, Munshi Premchand Sarani, Kolkata – 700 021 shall act as Arbitrator between the Seller & Buyer.

17) Acceptance:

The bidder has to sign the NIeT document with official seal as a token of their acceptance of the terms and conditions and submit along with technical bid.

18) General Arrangement (GA) drawing no. SWL-RORO-01, Sheet 1 of 1 is enclosed for reference.

Seal and signature of the tenderer


General Manager, SWL



THE SHALIMAR WORKS (1980) LIMITED

SHIP BUILDERS * SHIP REPAIRERS * ENGINEERS

CIN: U45207WB1981SGC033266

Ref.: GM/TENDER/23-24/SB/804/18

Date: 19/08/2023

SECTION – C TECHNICAL SPECIFICATIONS

The entire ventilation system (Supply & Exhaust) for the vessel is divided in the following segments in order to minimize floor space requirement, power saving, maximum utilization, minimal ducting and efficient working.

1. Engine Room Ventilation:

The proposed ventilation system is of Push type. As the name indicates, cool, fresh, ambient air from outside shall be pushed into the space primarily to cater sufficient oxygen for complete combustion of fuel oil consumed by the D. Gs. & Engines and secondarily to make the confined space well ventilated, relatively cool and amicable for the crews. The hot air will be exhausted through Natural Ventilator (Goose Neck with weather tight door).

Two nos. centrifugal type Supply Air Fans to be installed for the ventilation purpose.

Total supply air volume will be 20000 CMH (@10000 CMH x 2) coupled with compatible electric motor.

2. Galley Exhaust (Hot Zone) Main deck:

A Fan of capacity 1200 CMH will be installed for exhaust of Kitchen fumes and smokes. The kitchen range hood shall be provided with grease filter. Fumes shall be discharged into open atmosphere through duct line.

3. Exhaust Air system for Toilets Main Deck:

All Toilets block shall be individually exhausted with Exhaust Fan, 1380 RPM,, 200 Watt 220 V. Fan. Suitable exhaust cowl with rain protection section & back draught louver will be provided with each exhaust fan. Total no. of fans considered 3 Nos.

4. Ventilation System for Steering Room:

Steering Room shall be provided with Goose Neck with weather tight door for ventilation. 1 No.

Notes:

- All the fans will be installed at the Main Deck /Suitable places per site condition.
- All inside duct shall be made of G.I. sheet . outside duct will be made of M.S.
- All supply air grill shall be made of M.S. with spray paint finish.
- All toilet Duct type fan shall be connected with exhaust cowl & small length duct.



THE SHALIMAR WORKS (1980) LIMITED

SHIP BUILDERS * SHIP REPAIRERS * ENGINEERS

CIN: U45207WB1981SGC033266

Ref.: GM/TENDER/23-24/SB/804/18

Date: 19/08/2023

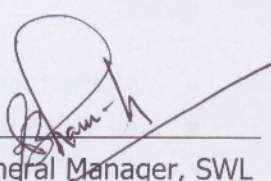
Scope of Supplies:

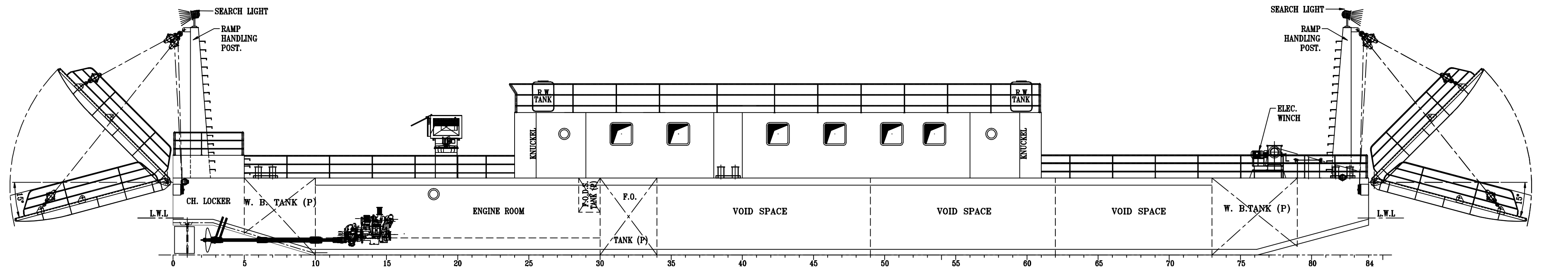
- | | | |
|--|---|-------------|
| 1. Design and drawings | - | As required |
| 2. Engine room Supply Fan | - | 2 Nos. |
| 3. Galley Exhaust Fan | - | 1 No. |
| 4. Toilet Exhaust Fan | - | 3 Nos. |
| 5. Louver Box | - | 2 Nos. |
| 6. Goose Neck | - | 3 Nos. |
| 7. Duct Line, Air Grills, Damper, Distribution Box | - | 1 Lot. |

Notes:

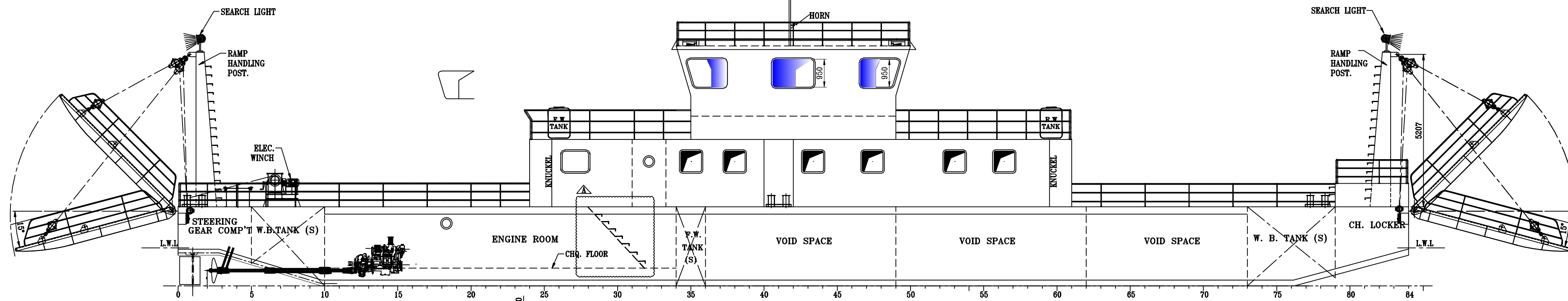
- Proposed Engine room supply Centrifugal Fan(s) shall be completed with M.S. fabricated casing, M.S. Fabricated Impeller, Motor pedestal, required drive motor, Inlet & Out-let flanges. All motors 440 V. A.C. 3 Ph. 50 Hz. Class of insulation: F, IP -55.
- All fan's impellers shall be dynamically balanced as per ISO 1940. G 6.3.
- All fans shall be of sturdy construction, with inspection & maintenance door.
- All ducted fans shall of G.I. constructions. Motor 220 V. A.C.
- Built-in duct, if required, will be in the scope of SWL.

Seal and signature of the tenderer

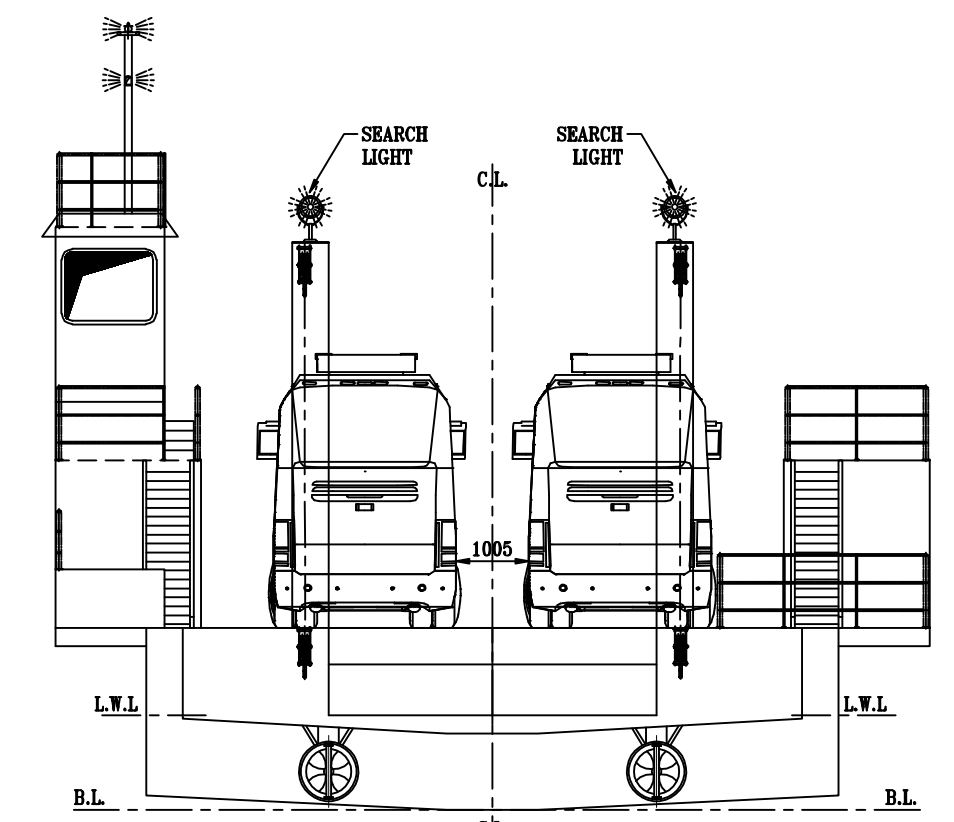

General Manager, SWL



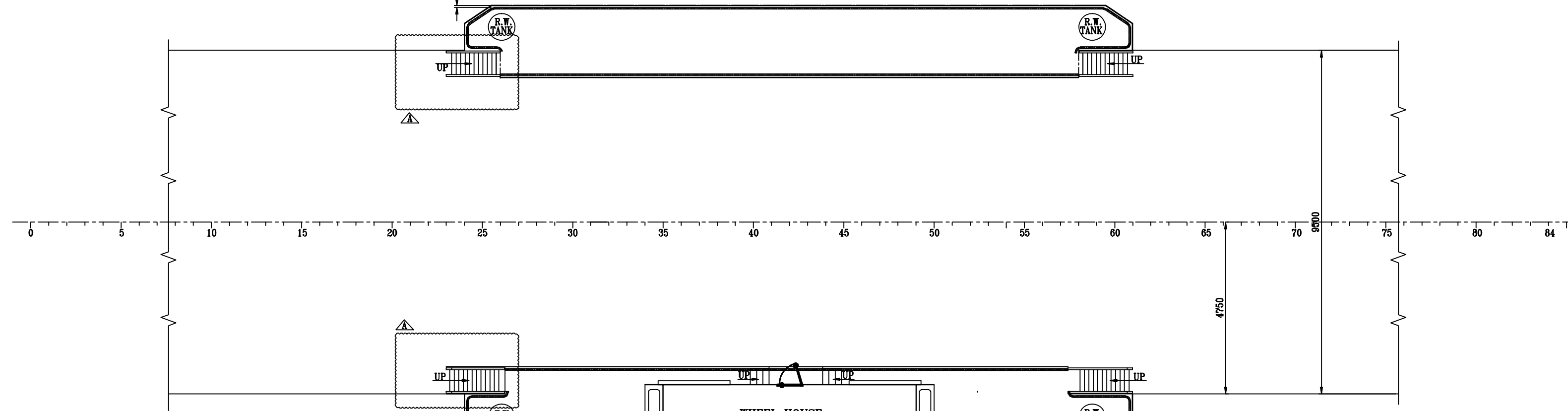
PROFILE (PORT)



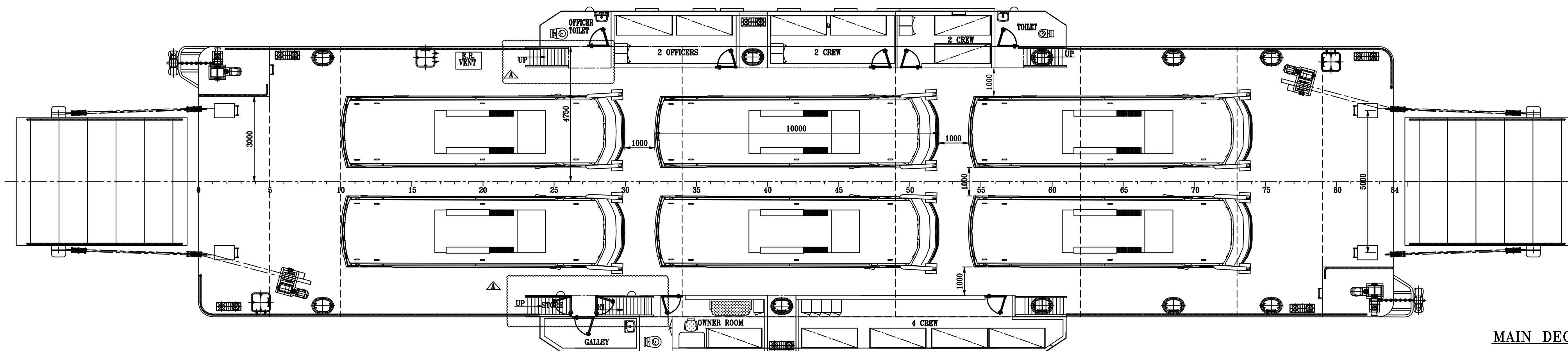
PROFILE (STBD)



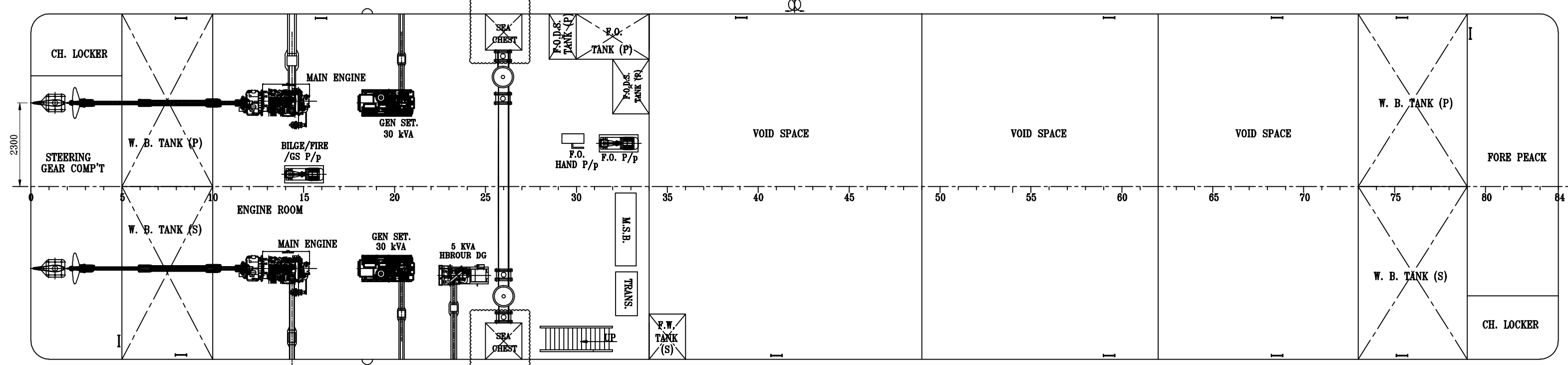
TRANSVERSE VIEW



01 DECK



MAIN DECK



BELOW MAIN DECK

MAIN PARTICULARS	
LENGTH O.A.	42.00 M.
BREADTH (MLD.)	09.50 M.
DEPTH (MLD.)	02.70 M.
DRAFT (MEAN)	01.30 M.
FR. SPACING	00.50 M.
EXTENDED DECK	01.25 M.
RAMP LENGTH	06.00 M.
RAMP WIDTH	04.50 M.
MAIN ENGINE	2x180 HP.
D.G. SET	2x30 KVA
SPEED	7.50 KNOTS

14.7.2023	A	AS PER DESIGN PROGRESS.				S.B.
DATE	REV.	DESCRIPTION			REMARK	SIGN
PROJECT: 42 M RORO VESSEL						
OWNER: WBTCL						
BUILDER: THE SHALIMAR WORKS (1980) LTD.						
CONSULTANT : MARINE PROJUKTI						
TITLE: GENERAL ARRANGEMENT						
DRAWN	G. G.	SIZE	A1	YARD NO.	DRAWING NO.	
CHKD.	S. B.	SCALE	1:100	804	SWL-RORO-01	
APPROVED		SHEET	10F1	DATE	12.04.23	REV. A