

**TENDER No.UCSL/CC/SB/T/175-182/62/2025 Dt: 01.10.2025**

**TENDER FOR MACHINERY INSTALLATION, SHAFTING &  
COMMISSIONING OF 6300 DWT GENERAL CARGO  
VESSEL**



UDUPI COCHIN SHIPYARD LIMITED

**UDUPI COCHIN SHIPYARD LIMITED**  
**MALPE, UDUPI 576108**







Udupi Cochin Shipyard Limited  
Tender for Machinery Installation, Shafting & Commissioning of 6300 DWT General Cargo Vessel  
UCSL/CC/SB/T/175-182/62/2025 Dt: 01<sup>st</sup> October 2025

## **TENDER NOTICE**

Tender No. & date	UCSL/CC/SB/T/175-182/62/2025 Dt:01 <sup>st</sup> OCTOBER 2025
Name of work	<b>TENDER FOR MACHINERY INSTALLATION, SHAFTING &amp; COMMISSIONING OF 6300 DWT GENERAL CARGO VESSEL</b>
Last date & time of receipt of tender	<b>16<sup>th</sup> OCTOBER 2025, 15:30hrs</b>
Date & time of opening of Technical Bid (Part-I)	<b>16<sup>th</sup> OCTOBER 2025, 15:30hrs</b>

1. Password protected quotations in the prescribed form is invited from bidders for the work specified above, subject to the terms and conditions as mentioned in the annexure to the tender enquiry so as to reach the undersigned by email mentioned on or before the date and time as stipulated.

### **2. The following shall be submitted along with the quote: -**

#### **PART- I: TECHNICAL BID**

- a. **Tender document duly signed on all pages** - Including Terms & conditions and Scope of work placed at Annexure I and Annexure II respectively
- b. **The Techno commercial Check List** at Annexure VI to be filled up completely and duly signed.
- c. Duly filled form at Annexure – VII
- d. **Unpriced Price bid** (Price bid without price and marked as "QUOTED") to be submitted along with Part-I.

#### **PART-II: PRICE BID**

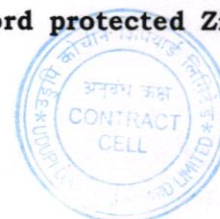
- a. The price bids shall be prepared based on the price bid format at Annexure V.

### **3. Detailed Work Schedule:**

- i. The contractor should clearly indicate the time period in days required for the completion of construction of a single vessel including hull structural outfit activities and this committed period will be considered as primary element for the techno-commercial qualification of the bidders.

### **4. Mode of Submission of Quote:**

- i. Bid shall be submitted as **Password Protected Zip File** in two parts.  
Part I: Technical Bid – with all enclosures and annexures as mentioned in Para 2 above  
Part II: Price Bid.
- ii. The files are to be forwarded as **Two (2) separate password protected Zip files** to [contractcell@udupicsl.com/](mailto:contractcell@udupicsl.com/)







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- iii. Part I and Part II are to be protected with separate and distinctly different passwords.
- iv. The Bids will be opened on online mode during which the bidder will be advised to share the password through SMS with which the technical bid will be opened.
- v. The price bids will be opened after technical evaluation and **only the technically qualified bidders will be invited for opening of price bids** which shall also be conducted on online mode as above.
- vi. However, subject to travel restrictions, the bidders can also attend the bid opening physically at Udupi Cochin Shipyard Limited, Baputhotta Ware house complex Office.
- vii. The contractors can also submit the quotations in sealed covers (Two-Bid) – as separate sealed covers for Technical Bid and Price bid, both enclosed in a common sealed cover to reach the below mentioned address before the stipulated time.
5. The bidders shall ensure the receipt of bids at [contractcell@udupicsl.com](mailto:contractcell@udupicsl.com)/An acknowledgement mail shall be sent to the bidders on receipt of bids. UCSL takes no responsibility for delay, loss or non-receipt of tenders by mail by the stipulated time.
6. The tender should be addressed to the **Assistant General Manager (Contract Cell), Udupi Cochin Shipyard Limited, Malpe Harbor Complex, Malpe, Udupi 576 108, Karnataka, India.**
7. No deviations on the tender conditions will be accepted, and bids with deviations will be considered technically disqualified. The acceptance of a tender or part thereof will rest with the Assistant General Manager (Contract Cell), UCSL reserves the authority to reject the tender received without assigning any reason.
8. Contact Person: Mr. Akhil R P. Manager (Contract Cell) Ph No: 08202912103.

Assistant General Manager (Contract Cell)

**गोकुल पी एन**  
**GOKUL P N**

सहायक महाप्रबंधक/ASSISTANT GENERAL MANAGER  
उडुपि कोचीन शिपयार्ड लिमिटेड  
**UDUPI COCHIN SHIPYARD LIMITED**  
माल्पे, कर्नाटक/MALPE, KARNATAKA-576 108

**Encl:**

- |  |                |
|--|----------------|
| 1. Terms & Conditions                    | - Annexure I   |
| 2. Scope of Work                         | - Annexure II  |
| 3. Indicative Quantum of Machinery Works | - Annexure III |
| 4. Power of Attorney                     | - Annexure IV  |
| 5. Price Bid                             | - Annexure V   |
| 6. Techno-Commercial check List          | - Annexure VI  |
| 7. Unconditional Acceptance Letter       | - Annexure VII |







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## **TERMS AND CONDITIONS**

### **TENDER FOR MACHINERY INSTALLATION, SHAFTING & COMMISSIONING OF 6300 DWT GENERAL CARGO VESSEL**

#### **1. DESCRIPTION OF WORK**

- 1.1. This tender enquiry pertains to the awarding of contract for "Machinery Installation, shafting & commissioning" of Eight (08) Nos. of 6300 DWT General Cargo Vessel to be built at **Udupi Cochin Shipyard Limited (UCSL)**, Malpe, Karnataka.
- 1.2. The work includes installation of all machinery, hot work, shafting, commissioning, survey and sea trial necessary to the satisfactory completion of works in accordance with the requirements of UCSL, Classification society and owner requirements.
- 1.3. Infrastructure and Consumables: The contractor shall complete the work with the available infrastructure facilities and materials provided by Udupi Cochin Shipyard Ltd (UCSL) in accordance with the enclosed Specifications, delivery schedule and UCSL - General Terms and conditions in all respects.
- 1.4. Consumables:
- Gases (DA, Oxygen, CO2 and Argon) will be provided free of cost by UCSL
  - Welding consumables: All welding consumable shall be provided by UCSL on chargeable basis. The charges applicable for welding electrodes are mentioned below:

<b>Welding Electrodes</b>	<b>Rate</b>
Flux Cored GMA (CO2) welding wire 1.2mm	Rs 278 Per kg
Welding electrode: E 6013: 2.5 mm	Rs 126.50
Welding electrode: E 6013: 3.15 mm	Rs 168.48
Welding electrode: E 6013: 4 mm	Rs 168.48
Welding electrode: E 7018: 4 mm	Rs 195.50

\*The above prices are inclusive of GST @ 18%.

- 1.5. Welding electrodes and gases used for fabrication / erection purposes will be supplied by UCSL only.
- 1.6. The work is to be carried out at the skid area allocated to the contractor (s) inside UCSL Malpe/Hangarkatte premises.
- 1.7. You are requested to obtain clarifications, if any, and carefully study the documents and the scope of services and UCSL, before submitting your offer.
- 1.8. The Agencies are advised to familiarize themselves with the site conditions before quoting.







**Udupi Cochin Shipyard Limited**

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## **2. SCOPE OF WORK**

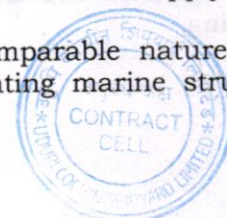
- 2.1. The machinery works, including all hot work, machinery installation, function test, load test, commissioning and sea trial necessary to satisfactorily complete the work in accordance with UCSL, Classification Society and Owner's requirements.
- 2.2. Refer Annexure II and Annexure III for detailed scope of work and indicative quantum of outfit structural works respectively

## **3. METHOD OF AWARDING CONTRACT**

- 3.1. Contract will be concluded with Bidder qualifying technically (including eligibility criteria), agreeing to Commercial conditions (Annexure VI) and emerging as L1.
- 3.2. Yard intends to award the total scope of work for 08 ship, out of which 02 ship is confirmed and remaining 06 ship as option.
- 3.3. This tender is for machinery installation, shafting & commissioning of 6300 DWT General Cargo Vessel and UCSL reserves the right to award work order on one/two different contractors for each vessel. The L1 bidder will be awarded with the construction of 1st vessel and the L2 bidder will be called for negotiation to meet the L1 bidder's rate to award work order for 2nd vessel. In case L2 bidder is not willing to match L1 bidder's rate, L3/L4/L5 etc. bidders will be invited for the negotiation to match L1 bidder's rate. If L2/L3/L4/L5 etc. are not willing to match with L1 bidder's rate, hence work order for construction of both vessels to be awarded to L1 bidder.
- 3.4. UCSL also reserves the right to split the optional work orders to any number of bidders willing to match with L1 rate, if the performance of selected bidder is not satisfactory.
- 3.5. UCSL reserves the right to cancel the tender if required.

## **4. QUALIFICATION CRITERIA FOR VENDORS**

- 4.1. The Bidder shall be a single firm having experience in machinery installation, shafting & commissioning in minimum 3 ships or floating marine structures and above in the last three years in Ship Building Area.
- 4.2. The technical experience means "the experience of successfully completed similar works (as per clause 4.1 above) for period of 3 years. In the case of ongoing works, work progress report from the authorized officer of the work order issued firm shall be submitted for considering UCSL requirement.
- 4.3. The bidder should have qualified welders having relevant WPS approved by classification societies.
- 4.4. The contractor must have a site-in charge/ supervisor to execute work, with a minimum experience of 3 yrs. in machinery field.
- 4.5. Documents to prove credentials of the firm to undertake the subject work. eg: Details of available equipments & facilities, Skilled / qualified Manpower, Work experience of similar job, etc. The firm has to submit the documents which validate the above-mentioned Clause 4.1 - 4.4 requirements. Work order for material supply will not be considered.
- 4.6. The project shall comprise of complete work having comparable nature to that of machinery installation, shafting & commissioning on floating marine structures and







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erection of structural outfitting and equipment installation. If the experience claimed by the bidder is of no relevance with respect to machinery installation, shafting & commissioning, then such experience will not be considered for pre-qualification. Decision taken by UCSL in this regard will be final.

- 4.7. The Bidder should furnish the required work-specific information and satisfactory documentary evidence such as copy of work order / agreement and a certificate from the employer for satisfactory completion of work or any other relevant document indicating completion of work shall be submitted to UCSL in support of its claim of experience.
- 4.8. Bidder shall not be under a declaration of ineligibility issued by Govt. of India/ State govt./ Public Sector Undertakings etc. The bidder shall not have been debarred / black listed by UCSL or by any of the Public Sector Undertaking or Government department etc.

## **5. COMMON REQUIREMENTS**

- 5.1. The work will be undertaken by only qualified welders of the contractor. Towards this, UCSL will provide the WPS and PQR. Welders will have to be qualified by Class by UCSL. The subcontractor must pay for the welder qualification, testing and certification charges to UCSL on actuals. The contractor must retain the qualified welders till the completion of the project.
- 5.2. Work will be undertaken and inspected as per the quality standards provided by UCSL, and approved by CLASS and Owner of the vessels. The same may be seen prior bidding, if required. Copy of the standards will be provided while awarding contract.
- 5.3. Area and steel skids will be provided by UCSL, leveling of the skid will be undertaken by contractor to the satisfaction of UCSL QC. Required production aids shall be arranged by Contractors.

## **6. SCHEDULE OF COMPLETION OF VESSELS**

- 6.1. UCSL shall indicate the master construction schedule of completion of the work of vessel. The contractor in turn shall submit their detailed scheduled of completion of the work, in consultation with the officer In-charge. The progress of work shall be made in tandem with the progress of completion of the vessel allowing sufficient time for other interface activities/works.
- 6.2. Yard has the right to change the schedules of the project to the interests of the company and the firm should be capable of adjusting the resources according to the instructions from the Yard contact person.
- 6.3. Detailed working schedule (Weekly/monthly) etc to be prepared and submitted to yard personnel. However, a detailed overall schedule, in a reasonable manner should be submitted prior to commencement of work.

## **7. INSPECTION**

- 7.1. The vessel shall be built under the classification of DNV.
- 7.2. Work will be undertaken and inspected as per the quality standards provided by UCSL, and approved by CLASS and Owner of the vessels.







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7.3. The complete work must be carried out under the survey of UCSL, CLASS and Owners. The works are to be inspected and approved by UCSL initially and thereafter presented to CLASS and the Owner for their survey and approval.

7.4. All welding machines are to be calibrated.

7.5. All test and Inspections shall be carried out as per approved Quality Plan.

7.6. All correspondence with the Shipyard to be in English language, including documents and plans to be in English language and in metric units.

## **8. VALIDITY**

8.1. The offer shall be valid for a period of 02 years and no escalation in rate shall be allowed by UCSL on whatsoever reason.

## **9. RATE**

9.1. Rates are to be quoted in the Price Bid Format at Annexure V attached herewith.

## **10. PAYMENT TERMS**

10.1. Payment will be made in 5 stages:

**Stage I: 20% of Total contracted value per vessel**

Deliverables: Completion of all the equipment installation including necessary fastening.

**Stage II: 25% of Total contracted value per vessel**

Deliverables: Completion of successful launching of vessel.

**Stage III: 25% of Total contracted value per vessel**

Deliverables: Successful Completion of Basin trail.

**Stage IV: 20% of Total contracted value per vessel**

Deliverables: Successful Completion of Sea trail.

**Stage V: 10% of Total contracted value per vessel**

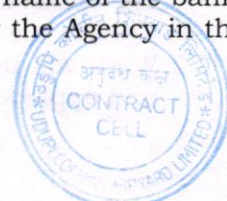
Deliverables: Successful Delivery of vessel.

10.2. Payment shall be made on the basis of certification by UCSL officer in-charge.

10.3. The payment shall be made within 30 days from submission of invoice along with the work completion certificate.

10.4. All claims for payment for the work/additional work shall be submitted by the contractor within one month of completion of work.

10.5. Payment will be made by RTGS/NEFT to the account of Agency. The name of the bank, branch, A/C No., IFSC code & other particulars shall be furnished by the Agency in the proforma of UCSL.







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## **11. TAXES & DUTIES**

11.1. GST shall be applicable extra on the prescribed work. You are requested to furnish the following details in the invoice/Bill.

- Applicable rate of GST/SAC Code
- Firms GST Reg. NO.
- Service accounting code (SAC) as prescribed by statutory authorities.
- GST Reg. No. of Udupi Cochin Shipyard Limited(29AAACT1281B1ZO).

## **12. PERIOD OF CONTRACT & COMMENCEMENT OF SERVICES**

12.1. Period of contract will be one year from the date of work order. The rates quoted and all other terms and conditions will remain unchanged for the entire period and also for the extended period (if extended).

## **13. SECURITY DEPOSIT**

13.1. The successful tenderer shall remit 5% of the value of the contract as security deposit within 15 days of receipt of the work order. This amount may be remitted by way of demand draft or bank guarantee (in approved proforma of UCSL) from any of the nationalized banks, valid till the satisfactory completion of the entire work. The Security Deposit will be released on certification of satisfactory completion of the contract and no liability to UCSL by Officer-in charge. The Security Deposit retained will not bear any interest.

## **14. PERFORMANCE GUARANTEE**

14.1. The complete work carried out by the contractor shall be guaranteed against defective on poor workmanship for a period of three months from the date of completion of work or till delivery of that vessel, whichever is earlier. Any work found defective during this period is to be repaired entirely at the contractor's cost at the vessel's location and such repaired items shall be guaranteed for a further period of three months from the date of repair.

14.2. Should any unsatisfactory performance and / or damage or failure occur due to poor workmanship and poor-quality material used by the contractor, the contractor shall be solely responsible for payment/reimbursement of expenditure incurred by Ship owner for rectifying the defect.

14.3. Towards this, a performance guarantee equivalent to 5% of the value of the contract to be furnished by the contractor on completion of the works by way of a bank guarantee (in approved proforma of UCSL, from a nationalized bank valid till the expiry of the guarantee period. In case the contract fails to submit the PG in time, SD mentioned at Clause 11 will be retained till the expiry of guarantee period.

## **15. LIQUIDATED DAMAGES**

15.1. The progress of work will be monitored against the mutually agreed detailed schedule. Liquidated damages for delays in execution of the work beyond the scheduled date of completion, for any reason other than force majeure conditions, will be recovered at the rate of half percent of the value of the contract per week or part thereof, subject to a maximum of ten (10) percent of the value of the contract.







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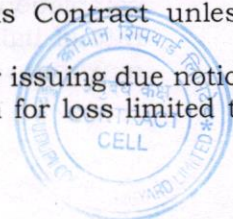
- 15.2. For better clarity, order values mentioned in LD clause are values excluding duties and taxes (Basic value). Liquidated damages, if any, shall be decided and settled only after the completion of the entire project but prior to the release of Final stage Payment.
- 15.3. If, for any reasons, supplier has a justification towards delay in supply / work execution and would intend to consider applicability/ non applicability of LD, the same shall be intimated to UCSL by way of a letter, failing which it will be deemed that delay is attributable to the supplier.
- 15.4. Delay in supply/Interruption of the work for reasons not attributable to supplier shall entitle extension of the order execution period for proportionate period without any additional cost to UCSL.

#### **16. POWER OF ATTORNEY**

- 16.1. The tenderer(s) shall have to sign in each page of the tender documents with official stamp as a token of his acceptance of the conditions stated therein.
- 16.2. The person signing the tender form on behalf of another or on behalf of a firm, shall enclose to the tender, a Power of Attorney or the said deed duly executed in his favour or the partnership deed giving him such power showing that, he has the authority to bind such other persons or the firm, as the case may be, in all matters pertaining to the contracts. If the Person so signing the tender, fails to enclose the said Power of Attorney, his tender shall be liable for being summarily rejected. The Power of Attorney shall be signed by all partners in the case of partnership concern, by the Proprietor in the case of a proprietary concern, and by the person who by his signature can bind the company in the case of a Limited Company.

#### **17. TERMINATION & LIMITATION OF LIABILITY**

- 17.1. This contract may be terminated upon the occurrence of any of the following events
- 17.2. By agreement in writing of the parties hereto;
- 17.3. By the non-defaulting party, upon default by the other party, of any clause of this contract, if not remedied within fifteen (15) days, or such longer time as may be agreed upon by the parties, after receipt of notice thereof in writing from the non-defaulting party;
- 17.4. By the other party, upon either party;
- i. Making the assignment for the benefit of creditors, being adjudged a bankrupt or becoming insolvent; or
  - ii. Having a reasonable petition filed seeking its' dissolution or liquidation, not stayed or dismissed within sixty (60) days; or
  - iii. Ceasing to do business for any reason.
- 17.5. For fraud and corruption or other unacceptable practices.
- 17.6. Upon expiry or termination of this Contract, neither party shall be discharged from any antecedent obligations or liabilities to the other party under this Contract unless otherwise agreed in writing.
- 17.7. UCSL may by notice in writing to Agency to terminate the order after issuing due notice i.e., 30 days' notice period. UCSL shall be entitled to compensation for loss limited to the order value.







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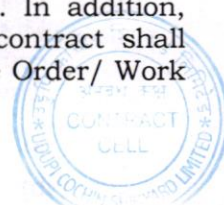
- 17.8. Liability maximum that can be claimed by the Agency shall be limited to what is due to be and has been paid by UCSL for work done as per the payment milestones and limited to work order value.

## **18. ARBITRATION & JURISDICTION**

- 18.1. Any disputes arising during the period of the contract shall, in the first instance be settled by mutual discussions and negotiations. The results of such resolution of dispute shall be incorporated as an amendment to the contract, failing which supplier shall approach the UCSL Grievance Redressal Committee as per relevant clause of the Contract.
- 18.2. If any dispute, disagreement or question arising out of or relating to or in consequence of the contract, or to its fulfillment, or the validity of enforcement thereof, cannot be settled mutually or the settlement of which is not herein specifically provided for, then the dispute shall within thirty days from the date either party informs the other in writing that such disputes, disagreement exists, be referred to arbitration. The arbitrators shall be appointed and the arbitration proceedings shall be conducted in accordance with and subject to the Arbitration and Conciliation Act, 1996 (No. 26 of 1996) as amended from time to time and the decision of the Arbitrators shall be final and binding on the parties hereto. The arbitration will be done by a Board comprising one arbitrator nominated by each party, and a mutually agreed Umpire. Each party shall bear its own cost of preparing and presenting its case. The cost of arbitration shall be shared equally by the parties unless the award provides otherwise. Performance under this Contract shall however, continue during arbitration proceedings and no payment due or payable by the parties hereto shall be withheld unless any such payment is or forms a part of the subject matter of arbitration proceedings.
- 18.3. Seat & Venue of Arbitration: The seat & venue of arbitration shall be at Bangalore.
- 18.4. Language of Arbitration: The Language of arbitration shall be English.
- 18.5. Governing Law: The contract shall be governed by Indian Law
- 18.6. In case of disputes, the same will be subjected to the jurisdiction of courts at Bangalore, Karnataka.

## **19. SUB CONTRACTING AND ASSIGNMENT**

- 19.1. Contractor shall not assign or transfer the Purchase Order/ Work Order or any share or interest therein in any manner or degree to any third party without the prior written consent of UCSL.
- 19.2. Contractor shall not contract with any subcontractor and/or vendor without the prior written consent of UCSL. Such consent shall not relieve the Contractor from any of his responsibilities and liabilities under the Purchase Order/ Work Order. In addition, Contractor shall ensure that the terms and conditions of any such contract shall comply with and correspond to the terms and conditions of the Purchase Order/ Work Order.







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## **20. SECREC Y & RESTRICTION ON INFORMATION TO MEDIA**

- 20.1. The information contained in the enquiry as such shall NOT be communicated to any third party without prior approval of UCSL.
- 20.2. Information in respect of contracts/orders shall NOT be released to the national or international media or anyone not directly involved in its execution without the written approval of UCSL.

## **21. CANCELLATION OF ORDER AND RISK CONTRACTING**

- 21.1. In the event the Agency fails to complete the work promptly and satisfactorily as per the terms of the order, and if any work is delayed beyond thirty (30) days from the agreed schedule, UCSL, without prejudice, reserves the right to cancel the order and get the work done at Agency's cost and the expenditure so incurred including any damage or loss will be recovered from him and the Security Deposit furnished by him is liable to be forfeited either in whole or in part.
- 21.2. UCSL also reserves the right to impose penalties ranging from Rs. 100 to Rs.500 to the employees of agencies and will be deducted from the bills, for any habitual offence on the cleanliness of uniforms, lack of obedience, not attending the tasks etc., and will be to the discretion of the Officer in charge for the work.

## **22. FORCE MAJEURE**

- 22.1. Should failure in performance of any part of this contract arise from war, insurrection, restraint imposed by Government act or legislation of other statutory authority, from explosion, riot, legal lock-out, flood, fire, act of God or any inevitable or unforeseen event beyond human control which will be construed as a reasonable ground for extension of time, UCSL may allow such additional time as is mutually agreed to be justified by the circumstances of the case.

## **23. STORAGE OF MATERIAL AND EQUIPMENT**

- 23.1. The Contractor shall arrange the storage of the materials/ equipment etc. if any, at a suitable location assigned by UCSL and shall ensure the safe and secure possession and handling of the items thus handed over to contractor. UCSL shall allot storage space within UCSL premises, if available.
- 23.2. As regards the equipment/materials stored by him as above as also in use by him, UCSL will not be responsible for any damage, pilferage, accident that may take place during the course of execution of the work. It will be entirely his responsibility to keep all the equipment, materials etc., in safe custody as also hold them duly insured at his expense.

## **24. IMS GUIDELINES**

- 24.1. UCSL implemented an Integrated Management System (IMS) and the Quality Management System (QMS) within the yard. As part of IMS, subcontractors shall comply with the following measures related to the Quality, Health, and Safety & Environment (QHSE) policy of UCSL.

- a) Meeting or exceeding customer requirements.
- b) Assuring quality of the products and service.
- c) Preventing occupational ill health & injuries.





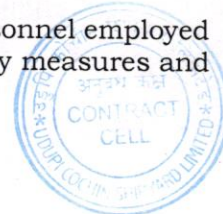


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- d) Ensuring safe work sites.
  - e) Conserving natural resources.
  - f) Preventing / minimizing air, water & land pollution.
  - g) Handling and disposal of Hazardous wastes safely.
  - h) Complying with statutory & regulatory and other requirements.
  - i) Developing skills and motivating employees.
- 24.2. Occupational Health, safety & Environmental requirements of UCSL shall also include the following.
- a) The contractor (or a sub-contractor performing work on behalf of the contractor) is deemed to comply with the Occupational health, safety and environmental policy of the company and also to all operational controls/standard operating procedures and shall undertake the work in total compliance with the requirements of the established Integrated Management System (IMS) of the company.
  - b) The Contractor shall undertake the work in total compliance with all applicable legal/statutory requirements related to occupational health, safety and environment effective in the state of Karnataka.
  - c) It is the sole responsibility of the contractor to assure that any sub-contractor/s who shall perform works in company lands/facilities/worksites on behalf of the contractor, is also following all requirements related to the Integrated Management System of the company and the health/safety/environmental Rules effective in the state.
  - d) The contractor shall provide/implement and operate/practice all occupational health, safety and environmental management measures/facilities, for their period of contract, in their activities/at their work sites, which shall be required according to the IMS of the company or that required by the health/safety/environmental Rules established and effective in the state, at their own cost.
  - e) If any contractor failed to comply with or violated any clauses/requirements of occupational health, safety and environmental Rules effective in the state, in their activities or at work sites and the same shall be exposed to the government or any competent authorities upon inspections, the contractor shall be solely responsible for all liabilities caused by his/her action and shall be responsible for paying the penalty and taking stipulated corrective actions insisted by the authorities within the specified time, at their own cost. Any liability to the company in this regard needs to be compensated by the contractor.
  - f) Upon completion of the work, contractor shall clear the area and shall not leave any Occupational health/safety/environmental liabilities to the company, from their activities at the worksites.
  - g) Any clarification related to IMS requirements of the yard, may be obtained by the contractor from the AGM (HSE) or the authorized representative of the contract, prior to the commencement of work.

**25. SAFETY OF PERSONNEL AND FIRST AID**

- 25.1. The contractor shall be entirely responsible for the safety of all the personnel employed by him on the work. In this regard, he may adopt all the required safety measures and







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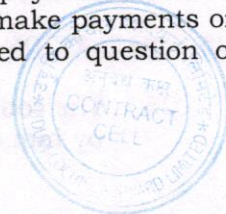
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strictly comply with the safety regulations in force. A copy of UCSL's "Safety Rules for Contractors (Revised)" is available with HSE department for reference.

- 25.2. The Agency may arrange to suitably insure all his workmen/ other personnel in this regard. UCSL will not be responsible for any injury or illness to the Agency's workmen/other personnel during execution of the works due to whatsoever reasons.
- 25.3. In this regard, the Contractor will have to fully indemnify UCSL against any claims made by his workmen/other personnel
- 25.4. The Agency shall provide and maintain so as to be readily accessible during all working hours, a first aid box with prescribed contents at every place where he employs contract labor for executing the works.

## **26. LABOUR LAWS AND REGULATIONS**

- 26.1. The Agency shall undertake and execute the work with contract Labor only after taking license from the appropriate authority under the Contract Labor (Regulation & Abolition) Act 1970.
- 26.2. The Agency shall observe and comply with the provisions of all labour and industrial laws and enactments and shall comply with and implement the provisions of the Factories Act, 1948, Employees Provident Funds & Miscellaneous Provisions Act, 1952, Employees State Insurance Act, Payment of Gratuity Act, minimum Wages Act, Payment of Bonus Act, Contract Labour (Regulation and Abolition) Act and all other enactments as are applicable to him and his workmen employed by him. The Agency shall inform UCSL his license number from the Central Labour Commissioner.
- 26.3. All Persons, except those exempted under the respective Acts, shall necessarily be insured under the ESI scheme and be made members of the EPF Scheme from the day of their engagement as personnel in the Company. In Case 1, All such insured Persons should carry with them their ESI Identity Card for verification by the authorities. No Persons without a valid ESI Identity Card for verification by the authorities will be permitted to work in the company.
- 26.4. The Agency shall submit the Labour Reports/Returns as required by the Company from time to time in respect of their workmen in standard format to the concerned contracting officer so as to enable the same to reach Contract cell by the 5th of every month. Delayed submission of the same shall attract penal interest /damages at the rate as levied by the respective authorities under the relevant Acts.
- 26.5. The Agency shall maintain the records viz. Muster Roll, Acquittance Roll with full details, Account books etc., in original. These are required for inspection by the concerned authorities under each scheme.
- 26.6. If the Agency fails to pay any contributions, charges or other amounts payable under any of the aforementioned provisions of law, UCSL shall deduct or adjust amounts equivalent to such contribution, charges or amounts from amount payable to him by UCSL, including any deposit or amounts payable against bills and make payments on his account to the appropriate authority. He shall not be entitled to question or challenge such deductions, adjustments or payment made by UCSL.







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- 26.7. Any other amount payable under any law or in respect of any person employed by the Agency, if not paid by him, shall be deducted or adjusted by UCSL out of any amount payable to the Agency including any Security Receipt and paid ever or withheld for payment by UCSL.
- 26.8. The Agency shall be fully responsible for the conduct and discipline of the workmen employed by him in the Company premises. If such workmen commit any misconduct or criminal act inside the Company, the Agency shall take appropriate action against such workmen. The Agency shall abide by the instructions/ guidelines issued by the Company for maintenance of discipline and good conduct among the workmen employed by him.
- 26.9. All persons who are engaged for various works in UCSL either directly or through Agency/contractors, should produce the following documents prior to issuing their entry passes:
- 26.10. Passport/Aadhaar attested copy of passport with photo and address particulars.  
 OR  
 Police clearance certificate with photo and address particulars. (Police clearance certificate to the effect that the concerned person is staying in the area of jurisdiction of the certificate issuing Police Station and that the person is not involved in any criminal offences as per the records available therein.)
- 26.11. Application and Declaration for enrolling under Employees Provident Fund and ESI Scheme- 3 individual passport size photographs and two copies of family photographs of the members.
- 26.12. Agency shall familiarize themselves with the labour rules & regulations.

**27. ELECTRICITY RULES AND REGULATION**

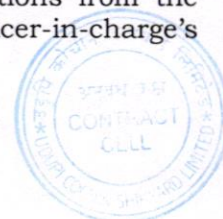
- 27.1. The contractor shall adhere to the various rules in respect of electrical installation as per the Indian Electricity Rules and Regulations and Electrical Inspectorate Standards in order to make sure that men and materials are safe from hazards.

**28. OVERWRITING & CORRECTIONS**

- 28.1. Tenders shall be free from overwriting or erasures. Corrections and additions, if any, shall be duly attested and a separate list of such corrections shall be attached with the offer

**29. OTHER TERMS & CONDITIONS**

- 29.1. Quality of services shall conform to the specification/ standards laid down by UCSL.
- 29.2. UCSL reserves the right to accept / reject any offer.
- 29.3. UCSL reserves the right to award the work to more than one contractor or to take over partially or fully the work depending upon the schedule requirements.
- 29.4. During the evaluation of tender, officer-in-charge may seek clarifications from the bidders. Clarification if any shall be given in writing/e-mail. Officer-in-charge's decision will be final and binding on the bidder.







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- 29.5. Compliance of all statutory safety requirements and other safety rules stipulated by UCSL and other applicable statutory bodies shall be the responsibility of the Agency while working at UCSL premises. The Agency should ensure that their workmen and staff are adequately covered under Insurance.
- 29.6. Damages caused to the Shipyard properties/tools/accessories should be rectified by the Agency at his cost or proportional recoveries will be made from the Agency while passing their bills for payment.
- 29.7. The service provider shall have to engage men on round the clock basis and also on Sundays and holidays. Service has to be completed to the satisfaction of Udupi Cochin Shipyard Limited officer in-charge.
- 29.8. The service provider shall indemnify UCSL or its officers against any claims arising out of accidents or injuries to workmen or other persons or damage to other property which may arise during the execution of the contract or from breach of any Law or Regulation prior to delivery and acceptance of the items at UCSL.
- 29.9. The service provider shall also be governed by the General Conditions of Contract of UCSL, General Safety Rules and other relevant labour laws.
- 29.10. The upper age limit of all workers and supervisors employed by the Agency and those Agency who do or supervise the job themselves shall be as per the prevailing rules of UCSL and shall comply to the requirements of this tender.
- 29.11. Assistant General Manager, or his authorized representative will be the Officer-in-charge of these contracts.







## **SCOPE OF WORK**

### **TENDER FOR MACHINERY INSTALLATION, SHAFTING & COMMISSIONING OF 6300 DWT GENERAL CARGO VESSEL**

#### **1. SCOPE OF UCSL:**

- 1.1. Supply of drawings & materials for Machinery works for the mentioned scope of work.
- 1.2. Providing Electricity, Water, compressed air (at available pressure), and Welding gases at centralized points.
- 1.3. Services of cranes and forklifts will be provided.
- 1.4. Required space for storage of materials inside the Yard.
- 1.5. Space for positioning of contractor's office container if any. Power and water supply will be provided to the container, within the yard premises

#### **2. WORK PROCEDURE**

- 2.1. Necessary job instructions, drawings etc. for the work will be issued by UCSL.
- 2.2. Contractor is to carry out the work as per the specifications / drawings supplied, and to the satisfaction of UCSL.
- 2.3. Contractor should maintain the quality as per UCSL Quality Standards, yard quality procedures. Inspection will be carried out during fabrication by UCSL.

#### **3. EQUIPMENT/MACHINERY ERECTION, INSTALLATION AND COMMISSIONING.**

- 3.1. Material collection and movement from yard store locations.
- 3.2. Rigging, leading and positioning of equipment/ machinery items.
- 3.3. Fitment and removal of temporary Lifting Lugs/Hooks required for the movement and rigging of the equipment will be under scope of contractor.
- 3.4. Major Equipment foundation, support fabrication and fitment will be provided by UCSL. Minor equipment foundation, support fabrication and fitment will be under contractor scope as per requirement.
- 3.5. Surface preparation, drilling, Tapping and torquing fitment of equipment/machinery items as per drawing requirement.
- 3.6. Necessary tools and tackles required for the installation, fitment and commissioning of equipment and machinery is under contractor's scope.
- 3.7. Installation, alignment and fixing of equipment/machinery Items as per approved drawing.
- 3.8. Set to work, commissioning/commissioning assistance as per the yard requirement for the various equipment/machinery items.





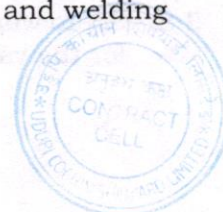


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- 3.9. Ensure satisfactory completion of works in accordance with the requirements of UCSL, Classification society and owner requirements.
- 3.10. Removal and fitment of necessary equipment parts for installation purpose.
- 3.11. De-gutting if undertaken is to be re-gutted
- 3.12. Installation of CO2 system (engine room firefighting) including instrumentation job as per requirement.
- 3.13. Instrumentation work including fitment of pressure gauge, pressure transmitter, temperature gauge & other items and its PT tubing as per the requirement.
- 3.14. Welding monitoring of propulsion equipment as per the requirement.
- 3.15. Deck crane installation, functional test and load test as per the protocol.
- 3.16. Rescue boat and davit installation, commissioning and load test as per protocol.
- 3.17. Assistance for main winch bollard test as per protocol.
- 3.18. Capstan and towing hook load test as per protocol.
- 3.19. Assistance for fuel oil, lube oil and water filling as per requirement.
- 3.20. Sensitive items e.g. gauges, projected sensors etc. will have to be removed from the equipment for safety and handed over to production officer or concerned department dept. with proper records and may be required to refitted post equipment installation.
- 3.21. Equipment covering and protection until the delivery of the vessel.
- 3.22. Assistance for basin trial, sea trial & bollard pull test as per approved Inspection protocol.

#### **4. SHAFTING AND ALIGNMENT SCOPE**

- 4.1. Initial sighting and shafting for main propulsion system Kort Nozzle to Electric motor through gearbox.
- 4.2. The shafting and alignment work including Kort nozzle, aft boss, stern tube (including seals), fwd. boss, intermediate shaft, gear box and propulsion electric motors alignment will be carried out as per OEM procedure and parameters under the UCSL guidelines.
- 4.3. Kort nozzle, aft boss, fwd. boss, stern tube installation supports and locking fabrication, positioning and locking in coordination with hull team for the final alignment and welding.
- 4.4. Installation of steering unit, rudder stock, rudder blades, and packing (seal unit of rudder) its positioning and locking arrangement for final alignment and welding
- 4.5. Jigs and fixtures fabrication as per the alignment requirement.





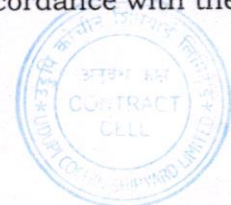


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- 4.6. Assistance for Chock fastening as required.
- 4.7. Necessary tools required for the shaft sighting for shafting will be in contractor scope.
- 4.8. Removal and fitment of necessary equipment parts for installation purpose.
- 4.9. Surface preparation, drilling, tapping, torquing and fitment and its accessories as per approved drawing provided by OEM/UCSL.
- 4.10. Chock-fastening for stern tube, bearing, gear box, propulsion motor as per requirement. Material supply will be under UCSL scope. And installation of stuffing box.
- 4.11. Equipment covering and protection until the delivery of the vessel.
- 4.12. Hose testing/Leak Testing of underwater jobs, shall be done according to requirements.

**5. THE SCOPE OF THE CONTRACTOR ALSO INCLUDES:**

- 5.1. Collection, Transportation/unloading of materials / other equipment's from UCSL shops/store to contractor's site/skid in UCSL premises.
- 5.2. Arranging required necessary tools and tackles in order to execute the work like steel rules, punches, hammers, jacks, grinders, hydraulic jacks, chain block pulleys, drilling machine, bore cutters with suitable drill set and tap set etc. as per requirement
- 5.3. Arranging local material handling facilities like pulley blocks and other material movement tools.
- 5.4. Maintaining the required Dimensional accuracy and other standards as per UCSL Quality Standards.
- 5.5. Work execution should be carried out by qualified workmen having prior experience handling the same nature of scope.
- 5.6. Prior to initial start of equipment cleaning & housekeeping of same to be done.
- 5.7. Minor damage rectification of equipment parts as per requirement.
- 5.8. Providing all personnel protective items like safety helmets, gloves, welding shields, goggles, leg guards, safety belts, aprons, safety shoes etc. to their employees.
- 5.9. Attending weekly quality and safety patrol along with a UCSL officer, the observations are required to be closed within 7 days.
- 5.10. Ensuring best HSE practices at site during the construction of vessel, which includes mandatory work permits/certifications/approvals in accordance with the prevailing guidelines in UCSL.







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**6. ADDITIONAL WORKS**

- 6.1. Additional works up to 5% growth of work on the Machinery items in terms to be envisaged and is to be undertaken without any additional price impact.
- 6.2. Any minor modifications, resulting from the change in statutory regulations prevailing at the time of final inspection of work by Classification Society, to be carried out by the Contractor free of cost. In case of rework/modification/additional work, written consent is to be obtained from the Officer-in-charge before commencement of the work.
- 6.3. Contractor shall carry out the complete work in accordance with Shipyard's approved drawings. Any minor modifications from drawing or any other work or supply of material, which is not specified hereunder, but is considered incidental and essential for the successful completion of the job shall be carried out by the Contractor without any additional charge.
- 6.4. Contractor shall execute, during or after completion of the work, any minor job connected with the work, that is considered necessary by Shipyard and/or Classification Society.
- 6.5. The contractor shall be responsible for any damage caused to the material supplied by UCSL. Compensation with penalty for damage or loss of the item will be recovered from the Contractor, in the event of loss or damage.
- 6.6. **Machinery installation and commissioning required to be complied with the following documents:**
  - a) General arrangement.
  - b) Machinery arrangement drawing.
  - c) Shafting arrangement drawing.







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## **Indicative Quantum of Machinery Works**

### **TENDER FOR MACHINERY INSTALLATION, SHAFTING & COMMISSIONING OF 6300 DWT GENERAL CARGO VESSEL**

#### **EQUIPMENT LIST AND SPECIFICATIONS**

Sl. No	Item	Latest Specifications	Qty	UOM	Location	Unit Weight (kg)
1	Propulsion System	Double In - Single Out Diesel Electric Propulsion with Controllable Pitch Propeller	1	Set	Propulsion Room	-
1.1	Flexible Coupling	Vulkan Single rubber element coupling between motors and gearbox	2	Nos	Propulsion Room	121.4
1.2	Gear Box	2 x 650kW @ 1100 rpm input Ratio - 10.52:1	1	Nos	Propulsion Room	8400
1.3	Shafting System	Propeller; Propeller shaft; OMC coupling, etc	1	Set	Propulsion Room	5860
1.4	Shaft earth system + Panel	Slip ring, bushes and analog mV meter	1	Set	Propulsion Room	110
1.5	Stern Tube	Stern tube & rope guard; AFT and FWD bearings& seals	1	Set	Propulsion Room	1360
1.6	Kort Nozzle	HR Nozzle L/D - 0.39 Material: Steel Gr A with Dup. St Steel 1.4362 inner ring	1	Nos	Propulsion Room	8800
1.7	FWD Seal Header Tank	5L Gravity Type	1	Nos	Propulsion Room	11
1.8	AFT Seal Header Tank	80L Pressurized type	1	Nos	Propulsion Room	87
1.9	Air Control Panel for AFT Header Tank	Supreme& Ventus Air control unit	1	Nos	Propulsion Room	25
2	Propulsion Electric Motor	650kW @ 1100 rpm PM motor	2	Nos	Propulsion Room	2653
3	Stern Tube Bosses	FWD & AFT connected through a structural pipe	1	Nos	Propulsion Room	1227
4	Ballast Water Treatment Plant	Capacity: 300 m3/h Electrolysis Type	1	Nos	Propulsion Room	2500
5	Bow Thruster Electric Motor	Power output: Approx. 350 bkW; S1 Duty; 0 - 1500 rpm, 480V 60Hz Vertical mounted; IP55	1	Nos	BT Room	1252







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6	Bow Thruster	Tunnel Thruster connected through flexible coupling to motor Power output: Approx. 350 bkW @ 1500rpm Type propeller: 4-blade; Material propeller: NiAl-bronze; Material tunnels: Certified shipbuilding steel	1	Nos	BT Room	2109
6.1	Lube Oil Header Tank for Bow Thruster	Expansion 10L + Lubrication 16L	1	Nos	FWD Tech Space	21
6.2	Hand Pump for Bow Thruster Lube Oil	Standard Hand Pump for Bow Thruster Lube Oil	1	Nos	FWD Tech Space	20
7	Gantry Crane	Electro hydraulic Traveling 21T Gantry Crane 24m/min driving speed 3m/min hoisting speed	1	Nos	Cargo Hold	14000
7.1	Provision Crane	1T SWL Hydraulic Store Crane 6m reach	2	Nos	Cargo Hold	4000
8	General Service Pump	50 m3/h @ 4.0 bar - 150 m3/h @ 3 bar Centrifugal, self-priming Dual Duty of bilge & ballast two speed pump	2	Nos	Propulsion Room	671
9	Oily Bilge Pump	3.3 m3/h at 12m head Input: Compressed Air @ 7 bar Execution: Diaphragm	1	Nos	Propulsion Room	32
10	LT FW Cooling Circulation Pump	100m3/hr @ 3 bar Execution: Centrifugal	2	Nos	DG Room	253
11	Fire Pump	50 m3/h @ 5.0 bar; Execution: Centrifugal, self-priming	1	Nos	BT Room	276
12	Potable/fresh water pumps	3.5m3/hr @ 5 bar Execution: Centrifugal	2	Nos	Propulsion Room	88
13	Heat Recovery Circulation Pump	10m3/hr @ 2.5 bar Execution: Centrifugal	2	Nos	Propulsion Room	100
14	Hot water circulation pump	3m3/hr @ 2.5 bar Execution: Centrifugal	2	Nos	Propulsion Room	44
15	Tank Heating circulation pump	5m3/hr @ 2.5 bar Execution: Centrifugal	2	Nos	Propulsion Room	48
16	Sewage discharge pump	8.0 m3/h @ 2.4 bar Execution: Centrifugal	1	Nos	Propulsion Room	83
17	Urea pump	3m3/hr @ 2 bar Execution: Centrifugal	2	Nos	DG Room	50
18	Fixed CO2 fire-fighting system	for Cargo Hold & Engine Room CO2 Cylinders 90 Nos x 55kg and accessories, key box, manual lever box, time delay unit, copper tubes, flexible hoses, valves, instruction chart, beam scale, Nozzles etc.	1	Set	CO2 Room	13770







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18.1	Cylinder Control Cabinet	Cylinder Control Cabinet (inside CO2 Room)	1	Nos	CO2 Room	15
18.2	Valve Control Cabinet DG Room	Cylinder Control Cabinet for DG room activation	1	Nos	CO2 Room	15
18.3	Valve Control Cabinet Cargo Hold	Cylinder Control Cabinet for Cargo hold activation	1	Nos	CO2 Room	15
18.4	Cylinder Control Cabinet	Cylinder Control Cabinet (inside CO2 Room)	1	Nos	SOS Locker	15
18.5	Valve Control Cabinet DG Room	Cylinder Control Cabinet for DG room activation	1	Nos	SOS Locker	15
18.6	Valve Control Cabinet Cargo Hold	Cylinder Control Cabinet for Cargo hold activation	1	Nos	SOS Locker	15
18.7	Smoke Detection Panel	Cargo holds smoke detection panel	1	Nos	CO2 Room	20
18.8	Smoke Extraction Fans	Cargo holds smoke extraction fans 2 nos mounted on a skid	1	Nos	CO2 Room	30
18.9	Smoke Sampling Repeater Panel	Wheel house repeater panel for cargo hold smoke detection	1	Nos	Wheel House	20
18.10	Time Delay Unit		1	Nos	CO2 Room	5
18.11	CO2 Alarm Relay Box	Alarm relay box for CO2 System	1	Nos	CO2 Room	15
19	Expansion Tank for HT System	250L	1	Nos	DG Room	
20	Expansion Tank for LT System	150L	1	Nos	DG Room	
21	Box Coolers	LT: 375kW; 50m3/hr flow rate HT: 640kW; 24.2m3/hr flow rate designed for 3 knots ship speed	2	Nos	Propulsion Room	1124
22	Anchor Winch	Anchor Winch with single gypsy(92kN), rope drum (130kN) and warping head (130kN) - 30kW	2	Nos	Forecastle Deck	4750
23	Mooring Winch	One Rope drum (130kN) & One Warping Head (130kN)	2	Nos	Poop Deck	3150
24	Anchor	HHP Pool TW 2295kg balanced	2	Nos	Forecastle Deck	2295
25	Chain	Chain: Q3; 44mm Dia; 220m L	2	Set	Forecastle Deck	
26	Bitter End Connection	Dog type Cable Clenth End Connection for Chain	2	Nos	FWD Tech Space	89
27	Chain Stoppers	hand-operated chain stoppers for 44mm chain with roller	2	Nos	Forecastle Deck	580







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28	MOB Davit	Sinlge Arm Davit SWL : 1T Hook @ 4.5m	1	Nos	Boat Deck	436.5
29	MOB Boat	Type : Rigid SOLAS certified : Yes Maximum capacity : Six (6) persons Engine : Outboard engine of approx. 15 hp Accessories : Tarpaulin Inventory : In accordance with LSA code.	1	Nos	Boat Deck	2080
30	Free fall life boat	Type : Rigid SOLAS certified : Yes Maximum capacity : 18 persons Engine : Water cooled Diesel Engine Accessories : Tarpaulin Inventory : In accordance with LSA code.	1	Nos	Captains Deck	2705
30.1	Free fall life boat Launching Mechanism	Electro hydraulic 1 HPU Launching Height Certified: 13m	1	Nos	Captains Deck	5479
31	Ejector - Foreship Bilge	25m3/hr @ 1.5 bar	1	Nos	BT Room	25
32	Ejector - DG Cargo	25m3/hr @ 1.5 bar	1	Nos	Cargo Hold	25
33	Ejector - Stripping	25m3/hr @ 1.5 bar	1	Nos	Propulsion Room	25
34	Hydrophore Tank	300L at 5 bar	1	Nos	DG Room	300
35	Hot Water Calorifier	300L at 5 bar 6kW Electric Heater Heat Exchanger for Heat Recovery	1	Nos	DG Room	500
36	Fuel Oil Flow Meter @ DG Lines	0 to 10 lpm screw type flow meter with strainers	2	Nos	DG Room	10
36.1	Fuel Consumption Monitor	Fuel consumption monitor for fuel oil flow meters (A-B)	1	Nos	DG Room & Prop. Room	10
37	Fuel Oil Flow Meter @Bunkering Line	0 to 1750 lpm screw type flow meter with strainers	1	Nos	DG Room	25
37.1	Fuel Consumption Monitor	Fuel consumption monitor for fuel oil flow meters	2	Nos	DG Room & Prop. Room	10
38	Fuel Oil Flow Meter @ Bunkering Lines	0 to 1700 lpm screw type flow meter with strainers	3	Nos	DG Room	20







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40	Fuel Oil Purifier -Self Cleaning	Self Cleaning Type With heater 1000 l/hr	1	Nos	DG Room	800
41	Fuel Oil Purifier - Manual	Manual Cleaning With heater 1000 l/hr	1	Nos	DG Room	700
42	Local Water mist System	Local water mist skid fitted with centrifugal pump (10bar) control panel, fire detection sensors, control panel, solenoid valves etc	1	Nos	DG Room	290
43	Lube Oil Hand Pump for DG	90 lpm at 1.5bar	1	Nos	DG Room	25
44	Lube Oil Hand Pump for Stern Tube	90 lpm at 1.5bar	1	Nos	Propulsion Room	25
45	Lube Oil Hand Pump for Gearbox	90 lpm at 1.5bar	1	Nos	Propulsion Room	25
46	Bilge Hand Pump for CO2 room	90 lpm at 1.5bar	1	Nos	Propulsion Room	25
47	Heat Recovery Heat Exchanger	270kW Shell & tube Heat Exchanger for heat recovery	1	Nos	DG Room	200
48	Tank Heating Heat Exchanger	200kW Shell & tube Heat Exchanger for heat recovery	1	Nos	DG Room	250
49	Oily Water Separator	Capacity : 0.5 m3/h; Alarm functions/setting : 2 – 15 ppm (certified for 15 ppm); Start : Manual; Stop : Automatic.	1	Nos	Propulsion Room	210
50	Dirty oil pump	5.0 m3/h @ 2.0 bar Execution : Positive displacement (Eccentric screw)	1	Nos	Propulsion Room	115
51	FO Transfer Pump	5.0 m3/h @ 1.5 bar Execution : Screw-type	2	Nos	DG Room	46
52	Main Diesel Generator	Engine output: Approx. 468 bkW@ 1800 rpm Starting system : Electrical	4	Nos	DG Room	4889
52.1	SCR Catalyst	Inbuilt Evaporator& SCR	4	Nos	DG Room	105
52.2	Duplex Fuel Filter	Racor Series	4	Nos	DG Room	35
52.3	Exhaust Silencer_Main DG	40dBA	4	Nos	Funnel	180
53	Exhaust Supports	Anti vibration supports for exhaust pipes; Rain Hats, Bulkhead penetrations, exhaust bellows	1	Set	DG Room & Funnel	280







## Udupi Cochin Shipyard Limited

tender for Machinery Installation, Shafting & Commissioning of 6300 DWT General Cargo Vessel  
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54	Emergency/harbour generator	TBD Radiator Cooled Starting system : Electrical	1	Nos	EDG Room	1740
54.1	Exhaust Silencer_EDG	40dBA	1	Nos	Funnel	185
55	QCV Activation Cabinet	QCV Activation Cabinet for pneumatic quick closing valves	1	Nos	Poop Deck/ SOS Locker	250
56	Rudder& Steering Gear System		1	Set	St. Gear Room	-
56.1	Rudder Trunk	ST 52.3 Steel	1	Nos	St. Gear Room	1900
56.2	Rudder Blade	Balanced rudder 3.96m x 3.25m	1	Nos	St. Gear Room	5900
56.3	Rudder Stock	ST 52.3 Steel	1	Nos	St. Gear Room	3500
56.4	Rudder Carrier Bearing	ST 52.3 Steel	1	Nos	St. Gear Room	
56.5	Steering Gear Actuators	Tiller Type steel actuators, c/w mounting pad and rod end, self aligning spherical bearings, adjustable Vee-packing etc.	2	Nos	St. Gear Room	1910
56.6	Automatic Greasing Pump		1	Nos	St. Gear Room	17
56.7	Rudder Angle Indicator	3.8" dial face 24V DC	5	Nos	Wheel House St. Gear Room MSB Room	2
56.8	Panoramic Rudder Angle indicator		1	Nos	Wheel House	1.5
56.9	Rudder angle feedback unit		1	Nos	St. Gear Room	22.5
#####	Helm Pump assembly		1	Nos	St. Gear Room	25
#####	Header Tank	1.5L	1	Nos	St. Gear Room	5
#####	Steering Gear HPU	2 x 250L 2 x 11kW Electric Motor	1	Nos	St. Gear Room	380
#####	Replenishment Tank	300L	1	Nos	St. Gear Room	163
57	Sewage water treatment unit	Hyd Load: 1.8 m3/day BOD Load: 0.63kg BOD/ day Execution : Biological Stop : Automatic	1	Nos	DG Room	979







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58	Diaphragm Pump	Max. 12m <sup>3</sup> /hr @ 25m Head max.	1	Nos	Propulsion Room	15
59	Air Compressors	18m <sup>3</sup> /hr @ 10bar	2	Nos	DG Room	205
60	Air Receiver	250 Ltr @ 10bar 500mm Dia x 1565mm L	1	Nos	DG Room	150
61	Air Dryer	Refrigerant Type Dryer Max. Flow @ 45 deg C : 40 m <sup>3</sup> /hr @ 10bar 230V, 50Hz, 3Ph	1	Nos	DG Room	35
62	Bench Grinder	Double wheeled 8 Inch ; 0.75 HP, 230V; with rotating switch	1	Nos	Workshop	25
63	Fixed Drilling machine	Drilling diameter: 35mm; Cutting depth: 55mm; Twist Drilling Diameter: 13mm; 1.05kW Portable	1	Nos	Workshop	100
64	Work Bench	1200 x 800 x 1000 MS; Two drawers& two doors for storage of tools	1	Nos	Workshop	200
65	Bench vice	-	1	Nos	Workshop	35
66	High Lockers	900 x 400 x 2400 MS Sheet 1.2mm thick Two rows and tow doors in each row shelves inside the locker for each 400mm	2	Nos	Workshop	60
67	Pressurized Expansion Tank	25L at 4 bar Vertical Mounting Max. Temperature: 71 deg c Process Connection: 1"	1	Nos	DG Room	25
68	Level Gauges	FO Day Tank FO Settling Tank Urea Tank FW Tank (2 Nos) Lube Oil Tanks (3 Nos)	1	Set	DG Room& Prop. Room	-
69	Chockfast	Chockfast for 1. Stern Tube Boss 2. Gear Box 3. Propulsion Motor	1	Set	Propulsion Room	-
70	Tank Heating Heat Exchanger	90kW Electric Heater Shell & Tube type	2	Nos	DG Room	100





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71	Accommodation Ladder	Telescopic Electric Motor Operated Stored Length: 7.2m Extended Length: 8.055m Width : 600mm Marine Grade Aluminium	2	Nos	Open Deck	410
72	Mooring Rope Reel	Telescopic Electric Motor Operated Stored Length: 7.2m Extended Length: 8.055m Width : 600mm Marine Grade Aluminium	3	Nos	Open Deck	300
73	Life Raft	Davit Launched / Throw Overboard Type 18 Persons Capacity	2	Nos	Open Deck	180





**POWER OF ATTORNEY**

*(On Applicant's letter head)*

(Date and Reference)

To  
The Assistant General Manager (Contract cell)  
Udupi Cochin Shipyard Limited  
Fishing Harbour complex, Malpe,  
Udupi 576 108.

**Subject: Power of Attorney**

Mr. / Mrs. / Ms..... (Name of the  
Person(s)), domiciled at

.....(Address), acting as.....  
(Designation and name of the company), and whose signature is attested below, is hereby  
appointed as the Authorized Representative and authorized on behalf of  
.....  
(Name of the company) to provide information and respond to enquiries etc. as may be required  
by the Employer for the project of .....  
(Project title) and is hereby further authorized to sign and file relevant documents in respect of  
the above.

(Attested signature of Mr. ....)

For.....  
(Name & designation)

(Company Seal)







Udupi Cochin Shipyard Limited

Tender for Machinery Installation, Shafting & Commissioning of 6300 DWT General Cargo Vessel  
UCSL/CC/SB/T/175-182/62/2025 dt: 01<sup>st</sup> October 2025

**UCSL/CC/SB/T/175-182/62/2025 Dt: 01.10.2025**

**TENDER FOR MACHINERY INSTALLATION, SHAFTING &  
COMMISSIONING OF 6300 DWT GENERAL CARGO VESSEL**

**PRICE BID**

SL NO	WORK DESCRIPTION	QTY	UOM	TOTAL
1	MACHINERY INSTALLATION, SHAFTING & COMMISSIONING OF 3800 DWT GENERAL CARGO VESSEL as per the scope of work and Indicative list of work.	1	Shipset	
2	TOTAL AMOUNT			
3	IGST/GST..... %			
4	GRAND TOTAL AMOUNT (INR)			
AMOUNT IN WORDS:				

Note:

1. L1 will be determined based on the Total price of Price bid format.



Signature:

Address of the contractor:

Seal:





**Udupi Cochin Shipyard Limited**  
Tender for Machinery Installation, Shafting & Commissioning of 6300 DWT General Cargo Vessel  
UCSL/CC/SB/T/175-182/62/2025 dt: 01<sup>st</sup> October 2025

**ANNEXURE-VI**  
**TECHNO COMMERCIAL CHECK LIST (To be submitted by the bidder)**

(Bidders may confirm acceptance of the Tender Conditions/deviations if any to be specified)

SL No.	Tender Enquiry Requirements	Confirmation from bidder (Strike off whichever is not applicable)	Specific comments /Remarks
1	Terms & Condition, Scope of work & Indicative Quantum of Work. (Annexure-I, II & III)	Agreed as per tender /Do not agree	
2	Schedule	Agreed as per tender/Do not agree	
3	Unconditional Acceptance	Agreed as per tender/Do not agree	
4	Offer Validity	06 Months - Agreed as per tender/Do not agree	
5	Taxes & Duties	Specified/included in Price	
6	Payment terms - confirm		
a	As per Clause 9 of Annexure - I	Agreed as per tender/Do not agree	
7	Price shall remain firm and fixed and No Escalation in prices after awarding of contract	Agreed as per tender/Do not agree	
8	Security Deposit	Agreed as per tender/Do not agree	
9	Performance Guarantee	Agreed as per tender/Do not agree	
10	Force Majeure	Agreed as per tender/Do not agree	
11	Liquidated damages and cancellation of contract	Agreed as per tender/Do not agree	
12	Arbitration & Jurisdiction clauses	Agreed as per tender/Do not agree	
13	Confirm all other terms and conditions of our enquiry are acceptable.	Confirmed/Not confirmed	
14	Deviations from Tender conditions	No Deviations	

Signature:

Address of the Contractor:

Seal:





**UNCONDITIONAL ACCEPTANCE LETTER**

(Unconditional acceptance to be given by in letter head)

**ACCEPTANCE OF TENDER CONDITIONS**

1. Tender Document no. UCSL/CC/SB/T/175-182/62/2025 Dt: 01<sup>st</sup> October 2025 Tender for Machinery Installation, Shafting & Commissioning of 6300 DWT General Cargo Vessel at UCSL has been received by me/us and I/We hereby unconditionally accept the tender conditions of tender documents in its entirety for the above work.
2. It is further noted that it is not permissible to put any remarks/conditions in the tender enclosed in "Part-2 (price bid)". I/We agree that the tender shall be rejected and ACCEPTING AUTHORITY.

Yours faithfully,

(Signature of the tenderer) with rubber stamp

Date: .....

