

TENDER No. UCSSL/CC/SB/T/193-196/311/2026 DT:14.10.2026

**TENDER FOR PIPE SPOOL FABRICATION OF 70TON
BOLLARD PULL BATTERY ELECTRIC TUG UY 193-196**



UDUPI COCHIN SHIPYARD LIMITED

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





UDUPI COCHIN SHIPYARD LIMITED
PIPE SPOOL FABRICATION OF 70 TON BOLLARD PULL BATTERY ELECTRIC TUG UY 193-196
UCSL/CC/SB/T/193-196/311/2026 DT.14-10-2026

TENDER NOTICE

Tender No. & date	UCSL/CC/SB/T/193-196/311/2026 DT.14-10-2026
Name of work	TENDER FOR PIPE SPOOL FABRICATION OF 70TON BOLLARD PULL BATTERY ELECTRIC TUG UY 193-196
Last date & time of receipt of tender	28th OCTOBER 2026 (WEDNESDAY), 16:00 HRS.
Date & time of opening of Technical Bid (Part-I)	28th OCTOBER 2026 (WEDNESDAY), 16:00 HRS.

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

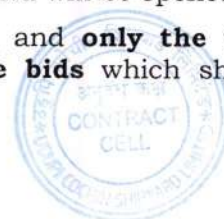
- a. **Tender document duly signed on all pages** - Including Terms & conditions, Scope of work and Indicative quantum work placed at Annexure I, Annexure II and Annexure III respectively.
- b. **The Techno commercial Check List** at Annexure VI to be filled up completely and duly signed.
- c. Duly filled form at Annexure - IV & 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. 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 (02) separate password protected Zip files** to contractcell@udupicsl.com
- 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.





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- vi. 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.
4. The bidders shall ensure the receipt of bids at 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.
5. 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.
6. 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), Udupi Cochin Shipyard Limited and reserves the authority to reject the tender received without assigning any reason.

Contact Person: Shri. Pradeep K (Deputy General Manager) Ph. No: +91 9895705138



Shri. Akhil R P (Manager-Contract Cell) Ph. No: +91 8129624149

Assistant General Manager (Contract Cell)

अखिल आर पी
AKHIL R P
प्रबंधक MANAGER
उडुपि कोचीन शिपयार्ड लिमिटेड
UDUPI COCHIN SHIPYARD LIMITED
माल्पे, कर्नाटक/MALPE, KARNATAKA-576 108



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TERMS AND CONDITIONS

TENDER FOR PIPE SPOOL FABRICATION OF 70TON BOLLARD PULL BATTERY ELECTRIC TUG UY 193-196

1. DESCRIPTION OF WORK

- 1.1. This tender enquiry pertains to the awarding of contract for pipe spool fabrication of four (04) numbers of 70 Ton Bollard Pull Battery Electric Tug (UY 193-196) to be built at **Udupi Cochin Shipyard Limited (UCSL) at Cochin Unit.**
- 1.2. The Scope of work, includes purchase of material by vendor, fabrication at vendor premises, transportation to yard (CSL), segregation of spools at the assigned location inside CSL premises, and elimination of any imperfection or deficiency of the works until the project is completed. The Contractor shall execute the work as per the specifications / drawings issued and to the satisfaction of UCSL.
- 1.3. Infrastructure and Consumables: The contractor shall complete the work within their own premises, all consumables, tools & tackles, cranes, laborer's, fabrication and galvanizing facilities etc. to be done at his own expenses. The Contractor shall execute the work as per the specifications / drawings issued and to the satisfaction of UCSL - General Terms and conditions in all respects.
- 1.4. You are requested to obtain clarifications, if any, and carefully study the documents and the scope of services, before submitting your offer:
- 1.5. The Agencies are advised to familiarize themselves with the site conditions before quoting.

2. SCOPE OF WORK

- 2.1. The scope of work includes purchase of material by vendor, fabrication at vendor premises, transportation to yard (CSL), segregation of spools at the assigned location inside UCSL premises Cochin, and elimination of any imperfection or deficiency of the works until the project is completed.
- 2.2. Refer **Annexure II and Annexure III** for detailed scope of work and indicative quantum of spool fabrication works respectively.
- 2.3. This is a turnkey job and any additional works up to 7.5% growth of work on the fabrication/Materials items in terms of total weight / indicative total number of outfits is to be envisaged and is to be undertaken without any additional price impact.
- 2.4. Supply of spools for UY193 to UY196 material to be supplied at CSL premises, Cochin.
- 2.5. For UY193-UY196 materials, weighment shall be carried out in accordance with the applicable rules pertaining to CSL.

3. ABOUT THE 70T BOLLARD PULL BATTERY ELECTRIC -TUG:

Length O.A (Including fender)	: 25.9 meter
Length B. P	: 26.7 meter
Breadth (MLD)	: 13.7 meter
Depth (MLD)	: 4.8 meter
Draft (Hull)	: 6.4 meter
Bollard Pull	: 70 T @ 100% MCR
Gross Tonnage	: <500 GT





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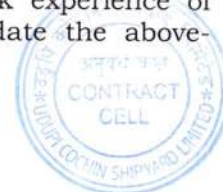
Class Notation : ✕A1, TOWING VESSEL, ✕AMS, ABCU, QR, BP(70),
 UNRESTRICTED NAVIGATION, UWILD 7.5, ESCORT VESSEL,
 Type : Indian Coastal Vessel
 FIRE FIGHTING VESSEL CLASS 1, PMP (THRUSTER)

4. METHOD OF AWARDED CONTRACT

- 4.1. Contract will be concluded with Bidder qualifying technically, agreeing to Techno Commercial conditions (Annexure VI) and emerging as L1 based on the total contract value.
- 4.2. Yard intends to award the total scope of work to at least 2 contractors at L1 rate.
- 4.3. The order of 04 ship would be split between Two bidders, UCSL intends to place the scope of work for two ships set on each bidder subjected to matching the L1 rate.
- 4.4. The L1 bidder will be awarded with the scope of work of 1st vessel as confirmed and the L2 bidder will be called for negotiation to meet the L1 bidder's rate to award work order for next one 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 rate.
- 4.5. If L2/L3/L4/L5 etc. are not willing to match with L1 bidder's rate, hence work order for remaining vessels will be placed on L1 bidder based on their performance on the already awarded one vessel.
- 4.6. In case of the contractor fails to fabricate and deliver the spools at any stage of the project, the yard reserves the right to delink the individual ship fabrication scope and will award the same to alternate contractor. In such cases, the value shall be determined based on Annexure-V, which shall be deduction from the total contract value for payments.
- 4.7. The contractor shall indicate the fabrication lead time as per the requirement of Annexure-V. However, the schedule as issued by the yard shall be final and binding which shall be reasonable and in line with the overall project schedule.
- 4.8. UCSL also reserves the right to cancel the tender if required.

5. QUALIFICATION CRITERIA FOR VENDORS

- 5.1. The Bidder shall have experience in pipe fabrication, galvanizing, painting of various pipe materials such as CS, SS, and Cu etc. in the last one year in ship building, ship repair, petrochemical, heavy engineering and chemical sectors.
- 5.2. The technical experience means "the experience of successfully completed similar works (as per clause 5.1 above) for period of two years.
- 5.3. The average cumulative annual financial turn over should be at least Rs. 2 Crores during the last 3 consecutive financial year (Audited balance sheets showing turnover profit & loss account of the firm should be submitted).
- 5.4. The bidder should have qualified welders having relevant WPS approved by classification societies.
- 5.5. Documents to prove credentials of the firm to undertake the subject work. eg: Details of available equipment's & facilities, Skilled / qualified Manpower, Work experience of similar job, etc. The firm has to submit the documents which validate the above-mentioned Clause 5.1 - 5.4 requirements.





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- 5.6. If the experience claimed by the bidder is of no relevance with respect to pipe fabrication, galvanizing, painting of various pipe materials of Piping Systems, then such experience will not be considered for pre-qualification. Decision taken by UCSL in this regard will be final.
- 5.7. 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.
- 5.8. Bidder should have sufficient covered space and handling equipment's to undertake the work.
- 5.9. Bidder should have the facility or sub vendor facility to galvanize minimum 3-meter length pipes and up to 500 NB size pipes with flanges and elbows.
- 5.10. Bidder should provide the detailed execution plan of Hot-Dip galvanizing, such as where Hot Dip Galvanizing being carried out. Galvanizing unit capacity, present load, undertaking to carry out the work as per this tender also to be produced along with the tender
- 5.11. The Contractor shall provide certificates wherever applicable, which shall include the results of all testing required as per the scope of work and performed on all items giving details, but not limited to the following:
- 5.11.1. Certified reports of all material.
 - 5.11.2. Certified reports of hydrostatic testing.
 - 5.11.3. QC inspection reports.
- 5.12. Successful bidder should depute a team (Fabricators & Supervisor) to UCSL to study the fabrication drawings which includes bending details reading, fit-up details reading, welding details reading etc.
- 5.13. As per Government of India guidelines, relaxation shall be applicable to Micro & Small Enterprises (MSEs) and Startups in respect of Prior Experience criteria, subject to meeting of quality and technical specifications.

6. SCHEDULE OF COMPLETION OF VESSELS

- 6.1. 70 Ton Bollard Pull Battery Electric Tug (UY 193-196) 04 Nos – Pipe Spools Fabrication work is required to be completed within a maximum duration of 6 months from the date of commencement of work order/LOI per vessel and the duration of 06 months is maximum for entire vessel till its commissioning phase, however the schedule will be calculated only on the basis of each lot allocation and drawings receipt to the contractors.

Sl. No	Vessel Details	Tentative Start Date	Tentative Completion Date
1	UY 193 - 70 Ton Bollard Pull Battery Electric Tug	03-Feb-2027	10-Jul-2027
2	UY 194 - 70 Ton Bollard Pull Battery Electric Tug	03-Mar-2027	24-Aug-2027
3	UY 195 - 70 Ton Bollard Pull Battery Electric Tug	07-Apr-2027	05-Oct-2027
4	UY 196 - 70 Ton Bollard Pull Battery Electric Tug	12-May-2027	03-Nov-2027



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6.2. UCSL will allocate the schedule on lot basis and at an approx. 08 no of lot per vessel, the same is indicative for planning the mobilization of resources. The final schedule and the monthly loading will be provided by planning department based on availability of drawings, which shall be binding and will be considered for determination of delay, if any.

6.3. **Each lot needs to be completed within one month from the date of drawing receipt (Total-08 lots approx.) and contractor should execute at an approx. (400-450) spool fabrication in complete aspect per month.**

6.4. UCSL will allocate the spool allocation in an evenly spread-out manner.

7. WORK PROCEDURE

7.1. Necessary job instructions, drawings etc. for the work will be issued by UCSL.

7.2. Contractor is to carry out the work as per the specifications / drawings supplied, and to the satisfaction of UCSL.

7.3. Contractor should maintain the quality as per UCSL Quality Standards, yard quality procedures. Inspection will be carried out during fabrication by UCSL.

8. WORK PROGRESS AND SCHEDULE

8.1. The construction of the vessels shall commence and has to be completed as per the schedule of completion indicated at clause no. 6 above.

8.2. The work is of urgent nature and hence the contractor should start the work within 14 days from the issue of work order/LOI.

8.3. As per the present schedule the entire work of Spool Fabrication needs to be completed within a maximum period of 06 months in total.

9. VALIDITY

9.1. The offer shall be valid for a period of 90 days and no escalation in rate shall be allowed by UCSL on whatsoever reason.

10. RATE

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

11. PAYMENT TERMS

11.1. Payment will be made in 6 stages:

Stage I: 20 % of contracted value per ship, on Lot 1 fabrication

Deliverables: Completion of pipe fabrication and delivery to yard UCSL as per schedule.

Stage II: 20 % of contracted value per ship on Lot 2 fabrication

Deliverables: Completion of pipe fabrication and delivery to yard UCSL as per schedule.

Stage III: 20 % of contracted value per ship on Lot 3 fabrication

Deliverables: Completion of pipe fabrication and delivery to yard UCSL as per schedule.





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Stage IV: 20 % of contracted value per ship on Lot 4 fabrication

Deliverables: Completion of pipe fabrication and delivery to yard UCSL as per schedule.

Stage V: 10 % of contracted value per ship on Final Lot fabrication

Deliverables: Completion of pipe fabrication and delivery to yard UCSL as per schedule.

Stage VI: 10% of Total contracted value post completion of per ship

Deliverables: Completion of scope awarded to the contractor subject to clearance of all surveys, inspections and pressure testing onboard by Class, Owner representative, UCSL representative.

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

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

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

11.5. 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.

12. TAXES & DUTIES

12.1. 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(32AAACC6905B1ZD).

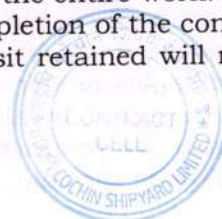
12.2. For vessel UY 193-196 GST number will be intimated dispatch after the work order.

13. PERIOD OF CONTRACT & COMMENCEMENT OF SERVICES

13.1. 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).

14. SECURITY DEPOSIT

14.1. 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.





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15. PERFORMANCE GURANTEEE

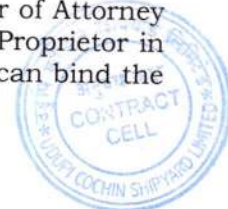
- 15.1. The complete work carried out by the contractor shall be guaranteed against defective on poor workmanship for a period of Six months from the date of completion of work or till delivery of that vessel, whichever is earlier. Any work found defective during this period is to be repaired entirely 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.
- 15.2. 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.
- 15.3. 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 12 will be retained till the expiry of guarantee period.

16. LIQUIDATED DAMAGES

- 16.1. 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.
- 16.2. 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.
- 16.3. 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.
- 16.4. 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.

17. POWER OF ATTORNEY

- 17.1. 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.
- 17.2. 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.





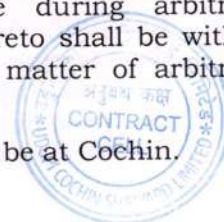
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18. TERMINATION & LIMITATION OF LIABILITY

- 18.1. This contract may be terminated upon the occurrence of any of the following events
- 18.2. By agreement in writing of the parties hereto;
- 18.3. 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;
- 18.4. 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.
- 18.5. For fraud and corruption or other unacceptable practices.
- 18.6. 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.
- 18.7. 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.
- 18.8. 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.

19. ARBITRATION & JURISDICTION

- 19.1. 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.
- 19.2. 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.
- 19.3. Seat & Venue of Arbitration: The seat & venue of arbitration shall be at Cochin.





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- 19.4. Language of Arbitration: The Language of arbitration shall be English.
- 19.5. Governing Law: The contract shall be governed by Indian Law.
- 19.6. In case of disputes, the same will be subjected to the jurisdiction of courts at Cochin, Kerala.

20. SUB CONTRACTING AND ASSIGNMENT

- 20.1. 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.
- 20.2. 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.

21. SECRECY & RESTRICTION ON INFORMATION TO MEDIA

- 21.1. The information contained in the enquiry as such shall NOT be communicated to any third party without prior approval of UCSL.
- 21.2. 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.

22. CANCELLATION OF ORDER AND RISK CONTRACTING

- 22.1. 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.

23. FORCE MAJEURE

- 23.1. 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.

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.
- Meeting or exceeding customer requirements.
 - Assuring quality of the products and service.
 - Preventing occupational ill health & injuries.
 - Ensuring safe work sites.





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- 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 Kerala.
- 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 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.





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- 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 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.

27. OVERWRITING & CORRECTIONS

- 27.1. 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

28. OTHER TERMS & CONDITIONS

- 28.1. Quality of services shall conform to the specification/ standards laid down by UCSL.
- 28.2. UCSL reserves the right to accept / reject any offer.
- 28.3. **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.**
- 28.4. 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.
- 28.5. 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.
- 28.6. 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.
- 28.7. 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.
- 28.8. The service provider shall also be governed by the General Conditions of Contract of UCSL, General Safety Rules and other relevant labour laws.
- 28.9. Assistant General Manager, or his authorized representative will be the Officer-in-charge of these contracts.





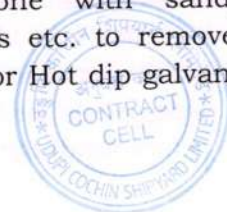
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SCOPE OF WORK

TENDER FOR PIPE SPOOL FABRICATION OF 70TON BOLLARD PULL BATTERY ELECTRIC TUG UY 193-196

1. SCOPE OF CONTRACTOR:

- 1.1. Job to be executed on lumpsum turnkey basis which should be inclusive of material cost.
- 1.2. Pipe spool fabrication – 1200 Spools (Approx) per vessel.
- 1.3. The scope of work includes purchase of material by vendor (class certified wherever indicated in BOQ), fabrication at vendor premises, Galvanizing and pickling, transportation to yard (UCSL Cochin Unit) and elimination of any imperfection or deficiency of the works until the project is completed.
- 1.4. The Contractor shall arrange all consumables, tools & tackles, cranes, laborer's, fabrication facility, surface treatment (galvanizing, pickling, painting, passivation) at his work site or at any sub vendors premises at his own responsibility and expenses.
- 1.5. The Contractor shall execute the work as per the specifications / drawings issued and to the satisfaction of UCSL.
- 1.6. Bending of pipe/tube spools will be required for less than 150 mm using bending machine. Desired bending radius will be 2D or 3D and maximum thickness upto 8 mm. The actual radius and dimension for bending will be provided with drawing.
- 1.7. Bending deformations (pipe thinning, ovality, Wrinkling, damages, cracks) will not be accepted.
- 1.8. Detailed piping and fittings Bill of Material (BOQ) is indicated in Annexure III
- 1.9. The contractor shall be responsible to UCSL for the following: -
 - a. Fabrication of the pipe spools as per drawing and piping standard as indicated by UCSL.
 - b. All pipes root should be in TIG welding and balance (cover / filling runs) Arc welding preferred for carbon steel pipes. Proper root penetration to be ensured.
 - c. All Stainless Steel (SS) pipes to be only TIG welded
 - d. Welded beads on inside surface of fabricated pipes, except butt welded joints using backing ring, shall be finished to suit to the purpose of the respective piping system. In case of TIG welding pipes, inside finishing of butt joint shall be omitted.
 - e. The spools should undergo Hydro Testing at test pressures indicated in the drawings post completion of welding and same will be witnessed by UCSL QC team or surveyor as applicable. Hydrotesting at shop is applicable only for class 1 & 2. Class -3 pipes are pressure tested on-board during layout survey. However, if found any defect, same will be rectified by UCSL yard. Compensation with penalty for defective welding or loss of the item will be recovered from the Contractor.
 - f. Pipes which require Hot-Dip Galvanizing shall be done with sand/grit blasting/special cleaning/ pickling with approved chemicals etc. to remove oil, grease, paints, varnish, rust etc. to make the surface ready for Hot dip galvanizing and then galvanizing (85-120 microns).



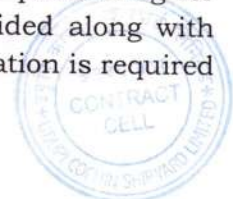


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- g. Pipes in which pickling is required, shall require sand blasting prior going to pickling and one coat of Primer(spray)/paint(spray) coating of marine grade (Jotun/PPG/Hempal) to be done.
 - h. Stainless steel pipe to be passivated or as the case may be.
 - i. Pickling/ galvanizing/Passivation to be done as per the details given in fabrication drawing/yard standard.
 - j. Punching of pipes with MLF/paint code/ Pipe spool numbers as indicated by UCSL in the drawings.
 - k. Packing, Pelleting and transportation to be done without damaging/ deforming. **Pipe end to be closed** (air tight), end cap is mandatory before dispatching to UCSL.
 - l. As per UCSL piping practice all pipes will having inspection by UCSL QC/OWNER, any imperfection/rejection/deficiency to be rectified by the contractor without any additional charges
- 1.10. Contractor shall maintain quality as per UCSL quality standards and yard quality procedures. UCSL will conduct inspection during fabrication.
- 1.11. The Bidder shall also be solely responsible for correct delivery of the materials in size, quantity, quality etc. in good conditions and obtaining clear receipts to that effect.
- 1.12. Entire work as per Work order must be completed within the time line as per UCSL load conditions. As a benchmark (400-450) No of pipe spools would be expected to be fabricated per month.
- 1.13. Bidder should be ready to work round the clock and multiple shifts as per UCSL's requirement/ instruction of officer-in-charge.
- 1.14. All works shall be as per strict compliance to approved UCSL drawings/material type/ QAP.

2. OTHER CONDITIONS:

- 2.1. The bidder should have qualified welders having relevant WPS approved by classification societies. Welding shall be done by qualified welders for respective WPS and the welders shall carry / submit the welder's certificate to Quality control department for records. The contractors shall requalify the welders if so, felt necessary or as mandated by the class. The fee as applicable for re-certification of welder shall be to contractor's scope.
- 2.2. The bidder's team shall include a qualified piping engineer having minimum 05 years post qualification experience in pipe fabrication / ship pipe repairs or piping on floating marine structures. Details of qualification & experience (CV) shall be submitted along with the offer.
- 2.3. The bidder shall have a qualified QA / QC team / department with relevant procedures for ensuring quality. Details of structure and strength of QA / QC team shall be submitted.
- 2.4. Bidder shall carry out the Quality Checks (QC) of the pipes and Quality Check should be offered to UCSL Quality Assurance team at their premises prior proceeding for pickling/passivation/painting/galvanization. QC reports to be provided along with pipe spools for dimensional accuracy, contractor's internal QC verification is required before welding of the spools.





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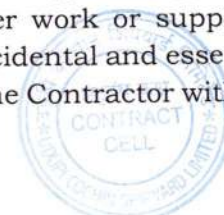
- 2.5. Contractor shall prepare and submit a Quality Assurance Plan (QAP) to UCSL covering aspects such as type of QA check, quantum of QA check, reference documents, acceptance norms, records to be maintained etc. pertaining to various stages viz., raw material selection, fabrication, pickling, passivation, galvanizing, etc. Comments by UCSL shall be duly incorporated in the final QAP, which will be approved by UCSL. In addition, Contractor has to ensure QC inspection as required, during stages of fabrication as per the approved QAP.
- 2.6. QAP & schedule to be submitted prior commencement of work. All the works undertaken in bidder workshop/Site to be properly recorded along with photographs. After completion of work detailed report to be handed over.
- 2.7. Successful bidder shall procure Quality standard welding consumables for (TIG/Arc/Brazing) and certificates shall be submitted to UCSL for verification. Welding of pipes are to be done by qualified welders by classification societies. (Welders with WPS certificates)
- 2.8. Necessary HSE representative is also to be arranged by the subcontractor at his work site who shall ensure that the HSE requirements are complied.
- 2.9. Items as per BOQ procured to be made available at the yard.

3. SCOPE OF UCSL:

- 3.1. UCSL will provide necessary work instructions, technical specifications and applicable drawings etc. for the work.
- 3.2. Quality assurance plan (QAP) and available welding procedure specification (WPS) shall be provided. QAP & WPS are UCSL property & contractor should not use this for any other purpose.
- 3.3. Welder qualification shall be carried out by UCSL in presence of competent authority for acceptance and performing on the job works. (The welder test will be conducted on chargeable basis)
- 3.4. Assistance from yard will be limited to Entry pass for personnel /Crane assistance/Fork Lift assistance for loading and unloading of items within UCSL premises, subject to availability at free of cost.
- 3.5. UCSL shall not be responsible for any compensation to personnel for injuries etc./damage to vehicles involved in accidents under any circumstance, whatsoever.

4. ADDITIONAL WORKS

- 4.1. This is a turnkey job and any additional works up to 7.5% growth of work on the material and spool fabrication in terms of total quantity of material and spools is to be envisaged and is to be undertaken without any additional price impact.
- 4.2. In case of additional work (rework/modification), written consent is to be obtained from the Officer-in-charge before commencement of the work.
- 4.3. 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.





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- 4.4. The contractor shall be responsible for any damage caused to the spool's supplied to UCSL. Compensation with penalty for damage or loss of the item will be recovered from the Contractor, in the event of loss or damage.
- 4.5. Hydraulic Pipes: All hydraulic pipes shall be pressure-tested at the specified test pressure (bar), and the test certificates shall be provided as per the applicable class requirements.
- 4.6. Galvanized Pipes: Both the internal and external surfaces shall be blasted.
- 4.7. Pickled Pipes: The external surfaces of all pickled pipes shall be coated with primer to prevent corrosion after completion of the work.

5. INSPECTION

- 5.1. The complete work has to be carried out under the survey of UCSL Quality Control Dept.
- 5.2. Contractor to maintain the required dimensional accuracy and surface finish as per quality standards (to be provided by UCSL).
- 5.3. All welding works shall be carried out by approved and qualified welders only.
- 5.4. Welding spatters and slags on the flange face shall be removed.
- 5.5. Welded beads on inside surface of fabricated pipes, except butt welded joints using backing ring, shall be finished to suit to the purpose of the respective piping system. In case of TIG welding pipes, inside finishing of butt joint shall be omitted.
- 5.6. No holes other than those existing in the units are to be drilled to ease slinging while galvanizing. However, suitable hooks may be welded for slinging while galvanizing and removed later after galvanizing, at no extra cost. Any damage to the material while welding hooks or otherwise while in the premises of galvanizer should be rectified/replaced compensated by the bidder.
- 5.7. Cleaning of materials after galvanizing and removing lump of zinc sticking to the surface (both inside and outside), if any. Also, no zinc spray should be used.
- 5.8. All welding machines are to be calibrated.
- 5.9. All test and Inspections shall be carried out as per approved Quality Plan.
- 5.10. All works shall be as per strict compliance to approved UCSL drawings.
- 5.11. All correspondence with the Shipyard to be in English language. All documents and plans to be in English language and in metric units.





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PART A

FABRICATION QTY FOR CARBON STEEL & STAINLESS-STEEL PIPES

Category	Inch Dia Shop
CARBON STEEL	
25NB	1311
32NB TO 50NB	3870.3
65NB TO 80NB	3870.5
100NB TO 150NB	1292
200NB TO 250NB	912
ABOVE 250NB	1332
CLASS PIPING	
32NB TO 50NB	76
65NB TO 80NB	470
100 NB	88
200 NB	208
ABOVE 250NB	256
STAINLESS STEEL	
25NB	14.1
32NB TO 50NB	342
65NB TO 80NB	136.5
ABOVE 250NB	140
EN10305-4 E355N (Seamless Precision Steel tube)	
25NB TO 50NB	260
65NB TO 80NB	70
80NB TO 150NB	164.44
20 NB to 25 NB	102
TOTAL ESTIMATE	14812.7





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PART B

GALVANISATION/PICKLING/PASSIVATION

Note:

1. Non-GI pipes inside and outside of pipe to be blasted upon completion.
2. Outside of pipe to be primer coated to avoid corrosion after completion.

SL. No	Description	Total Weight in Ton (A)
1	Hot Dip Galvanizing	15
2	Pickling	3
3	Passivation	1.5

3. All ends to be properly closed with plastic end cap to avoid outside particles.





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PART C

INDICATIVE BILL OF MATERIAL(BOM)

CLASS PIPING					
Sl. No	Description	Dimension	Schedule	Material	Sum of Quantity (m)
1	HULL PIPE ASME B36.10 with 3.2 cert.	DN50	SCH 160	ASTM A106 Gr B	2
2	HULL PIPE ASME B36.10 with 3.2 cert.	DN65	SCH 160	ASTM A106 Gr B	8
3	HULL PIPE ASME B36.10 with 3.2 cert.	DN80	SCH 160	ASTM A106 Gr B	17
4	HULL PIPE ASME B36.10 with 3.2 cert.	DN100	SCH 160	ASTM A106 Gr B	5
5	HULL PIPE ASME B36.10 with 3.2 cert.	DN200	SCH 160	ASTM A106 Gr B	8
6	HULL PIPE ASME B36.10 with 3.2 cert.	DN400	SCH 160	ASTM A106 Gr B	2

Note:

ABOVE MATERIALS TO BE CERTIFIED BY ABS CLASS.

STAINLESS STEEL					
Sl. No	Description	Dimension	Schedule	Material	Qty (m/Nos)
1	PIPE ASME B36.10	DN25	STD/40S	AISI-316L	5
2	PIPE ASME B36.10	DN40	STD/40S	AISI-316L	56.5
3	PIPE ASME B36.10	DN50	STD/40S	AISI-316L	30
4	PIPE ASME B36.10	DN65	STD/40S	AISI-316L	25
5	PIPE ASME B36.10	DN80	STD/40S	AISI-316L	1.5
6	PIPE ASME B36.10	DN350	STD/40S	AISI-316L	10
7	ELBOW ASME B16.9 L.RAD 45	DN25	STD/40S	AISI-316L	1



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8	ELBOW ASME B16.9 L.RAD 45	DN25	STD/40S	AISI-316L	1
9	ELBOW ASME B16.9 L.RAD 45	DN40	STD/40S	AISI-316L	7
10	ELBOW ASME B16.9 L.RAD 45	DN65	STD/40S	AISI-316L	3
11	ELBOW ASME B16.9 L.RAD 90	DN10	STD/10S	AISI-316L	3
12	ELBOW ASME B16.9 L.RAD 90	DN15	STD/10S	AISI-316L	7
13	ELBOW ASME B16.9 L.RAD 90	DN20	STD/10S	AISI-316L	5
14	ELBOW ASME B16.9 L.RAD 90	DN40	STD/40S	AISI-316L	7
15	ELBOW ASME B16.9 L.RAD 90	DN50	STD/40S	AISI-316L	9
16	ELBOW ASME B16.9 L.RAD 90	DN50	STD/40S	AISI-316L	2
17	ELBOW ASME B16.9 L.RAD 90	DN65	STD/40S	AISI-316L	3
18	ELBOW ASME B16.9 L.RAD 90	DN350	STD/40S	AISI-316L	2
19	FLAT WELDING FLANGE	DN10	PN10	AISI-316L	3
20	FLAT WELDING FLANGE	DN15	PN10	AISI-316L	30
21	FLAT WELDING FLANGE	DN20	PN10	AISI-316L	20
22	FLAT WELDING FLANGE	DN25	PN10	AISI-316L	2
23	FLAT WELDING FLANGE	DN40	PN10	AISI-316L	20
24	FLAT WELDING FLANGE	DN50	PN10	AISI-316L	17
25	FLAT WELDING FLANGE	DN65	PN10	AISI-316L	9
26	FLAT WELDING FLANGE	DN80	PN10	AISI-316L	1
27	FLAT WELDING FLANGE	DN350	PN10	AISI-316L	2
28	SLEEVE	DN25	STD/40S	AISI-316L	3
29	SLEEVE	DN40	STD/40S	AISI-316L	27
30	SLEEVE	DN50	STD/40S	AISI-316L	19
31	SLEEVE	DN65	STD/40S	AISI-316L	12
32	SLEEVE	DN80	STD/40S	AISI-316L	1
33	SLEEVE	DN350	STD/40S	AISI-316L	2





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CARBON STEEL PIPING

Sl. No	Description	Dimension	Material		Qty (m)
1	SEAMLESS PIPE ASME B36.10	DN100	SCH 40	ASTM A106 Gr B	55
2	SEAMLESS PIPE ASME B36.10	DN25	SCH 40	ASTM A106 Gr B	387
3	SEAMLESS PIPE ASME B36.10	DN32	SCH 40	ASTM A106 Gr B	85
4	SEAMLESS PIPE ASME B36.10	DN40	SCH 40	ASTM A106 Gr B	392
5	SEAMLESS PIPE ASME B36.10	DN50	SCH 40	ASTM A106 Gr B	301
6	SEAMLESS PIPE ASME B36.10	DN65	SCH 40	ASTM A106 Gr B	122
7	SEAMLESS PIPE ASME B36.10	DN80	SCH 40	ASTM A106 Gr B	146
8	SEAMLESS PIPE ASME B36.10	DN100	SCH 80	ASTM A106 Gr B	73.5
9	SEAMLESS PIPE ASME B36.10	DN150	SCH 80	ASTM A106 Gr B	5
10	SEAMLESS PIPE ASME B36.10	DN200	SCH 80	ASTM A106 Gr B	24
11	SEAMLESS PIPE ASME B36.10	DN25	SCH 80	ASTM A106 Gr B	37
12	SEAMLESS PIPE ASME B36.10	DN300	SCH 80	ASTM A106 Gr B	5
13	SEAMLESS PIPE ASME B36.10	DN32	SCH 80	ASTM A106 Gr B	20
14	SEAMLESS PIPE ASME B36.10	DN350	SCH 80	ASTM A106 Gr B	5
15	SEAMLESS PIPE ASME B36.10	DN40	SCH 80	ASTM A106 Gr B	71.5
16	SEAMLESS PIPE ASME B36.10	DN400	SCH 80	ASTM A106 Gr B	2
17	SEAMLESS PIPE ASME B36.10	DN50	SCH 80	ASTM A106 Gr B	175.5
18	SEAMLESS PIPE ASME B36.10	DN500	SCH 80	ASTM A106 Gr B	5
19	SEAMLESS PIPE ASME B36.10	DN65	SCH 80	ASTM A106 Gr B	177
20	SEAMLESS PIPE ASME B36.10	DN80	SCH 80	ASTM A106 Gr B	133.5
21	CON.REDUCER ASME B16.9	DN100	SCH 40	ASTM A234 WPB	7
22	CON.REDUCER ASME B16.9	DN25	SCH 40	ASTM A234 WPB	63
23	CON.REDUCER ASME B16.9	DN32	SCH 40	ASTM A234 WPB	16





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24	CON.REDUCER ASME B16.9	DN40	SCH 40	ASTM A234 WPB	39
25	CON.REDUCER ASME B16.9	DN50	SCH 40	ASTM A234 WPB	39
26	CON.REDUCER ASME B16.9	DN65	SCH 40	ASTM A234 WPB	5
27	CON.REDUCER ASME B16.9	DN80	SCH 40	ASTM A234 WPB	16
28	CON.REDUCER ASME B16.9	DN100	SCH 80	ASTM A234 WPB	13
29	CON.REDUCER ASME B16.9	DN150	SCH 80	ASTM A234 WPB	1
30	CON.REDUCER ASME B16.9	DN200	SCH 80	ASTM A234 WPB	7
31	CON.REDUCER ASME B16.9	DN25	SCH 80	ASTM A234 WPB	5
32	CON.REDUCER ASME B16.9	DN300	SCH 80	ASTM A234 WPB	1
33	CON.REDUCER ASME B16.9	DN32	SCH 80	ASTM A234 WPB	3
34	CON.REDUCER ASME B16.9	DN40	SCH 80	ASTM A234 WPB	13
35	CON.REDUCER ASME B16.9	DN400	SCH 80	ASTM A234 WPB	1
36	CON.REDUCER ASME B16.9	DN50	SCH 80	ASTM A234 WPB	29
37	CON.REDUCER ASME B16.9	DN500	SCH 80	ASTM A234 WPB	2
38	CON.REDUCER ASME B16.9	DN65	SCH 80	ASTM A234 WPB	32
39	CON.REDUCER ASME B16.9	DN80	SCH 80	ASTM A234 WPB	25
40	ELBOW ASME B16.9 L.RAD 90	DN100	SCH 40	ASTM A106 Gr B	10
41	ELBOW ASME B16.9 L.RAD 90	DN25	SCH 40	ASTM A106 Gr B	118
42	ELBOW ASME B16.9 L.RAD 90	DN32	SCH 40	ASTM A106 Gr B	23
43	ELBOW ASME B16.9 L.RAD 90	DN40	SCH 40	ASTM A106 Gr B	59
44	ELBOW ASME B16.9 L.RAD 90	DN50	SCH 40	ASTM A106 Gr B	69
45	ELBOW ASME B16.9 L.RAD 90	DN65	SCH 40	ASTM A106 Gr B	13
46	ELBOW ASME B16.9 L.RAD 90	DN80	SCH 40	ASTM A106 Gr B	29
47	ELBOW ASME B16.9 L.RAD 90	DN100	SCH 80	ASTM A106 Gr B	24
48	ELBOW ASME B16.9 L.RAD 90	DN150	SCH 80	ASTM A106 Gr B	2
49	ELBOW ASME B16.9 L.RAD 90	DN200	SCH 80	ASTM A106 Gr B	23
50	ELBOW ASME B16.9 L.RAD 90	DN25	SCH 80	ASTM A106 Gr B	10
51	ELBOW ASME B16.9 L.RAD 90	DN300	SCH 80	ASTM A106 Gr B	3





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52	ELBOW ASME B16.9 L.RAD 90	DN32	SCH 80	ASTM A106 Gr B	6
53	ELBOW ASME B16.9 L.RAD 90	DN350	SCH 80	ASTM A106 Gr B	8
54	ELBOW ASME B16.9 L.RAD 90	DN40	SCH 80	ASTM A106 Gr B	29
55	ELBOW ASME B16.9 L.RAD 90	DN50	SCH 80	ASTM A106 Gr B	49
56	ELBOW ASME B16.9 L.RAD 90	DN500	SCH 80	ASTM A106 Gr B	6
58	ELBOW ASME B16.9 L.RAD 90	DN65	SCH 80	ASTM A106 Gr B	50
59	ELBOW ASME B16.9 L.RAD 90	DN80	SCH 80	ASTM A106 Gr B	41
60	FLAT WELDING FLANGE	DN100	PN10	IS2062	63
61	FLAT WELDING FLANGE	DN150	PN10	IS2062	4
62	FLAT WELDING FLANGE	DN200	PN10	IS2062	22
63	FLAT WELDING FLANGE	DN25	PN10	IS2062	384
64	FLAT WELDING FLANGE	DN300	PN10	IS2062	4
65	FLAT WELDING FLANGE	DN32	PN10	IS2062	95
66	FLAT WELDING FLANGE	DN40	PN10	IS2062	172
67	FLAT WELDING FLANGE	DN400	PN10	IS2062	2
68	FLAT WELDING FLANGE	DN50	PN10	IS2062	255
69	FLAT WELDING FLANGE	DN65	PN10	IS2062	151
70	FLAT WELDING FLANGE	DN80	PN10	IS2062	132
71	FLAT WELDING FLANGE	DN350	SCH 80	IS2062	10
72	SINGLE SLEEVE L=100	DN100	SCH 40	ASTM A106 Gr B	28
73	SINGLE SLEEVE L=100	DN25	SCH 40	ASTM A106 Gr B	267
74	SINGLE SLEEVE L=100	DN32	SCH 40	ASTM A106 Gr B	49
75	SINGLE SLEEVE L=100	DN40	SCH 40	ASTM A106 Gr B	154
76	SINGLE SLEEVE L=100	DN50	SCH 40	ASTM A106 Gr B	138
77	SINGLE SLEEVE L=100	DN65	SCH 40	ASTM A106 Gr B	25
78	SINGLE SLEEVE L=100	DN80	SCH 40	ASTM A106 Gr B	62
79	SINGLE SLEEVE L=100	DN100	SCH 80	ASTM A106 Gr B	50
80	SINGLE SLEEVE L=100	DN150	SCH 80	ASTM A106 Gr B	5





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81	SINGLE SLEEVE L=100	DN200	SCH 80	ASTM A106 Gr B	26
82	SINGLE SLEEVE L=100	DN25	SCH 80	ASTM A106 Gr B	21
83	SINGLE SLEEVE L=100	DN300	SCH 80	ASTM A106 Gr B	5
84	SINGLE SLEEVE L=100	DN32	SCH 80	ASTM A106 Gr B	11
85	SINGLE SLEEVE L=100	DN350	SCH 80	ASTM A106 Gr B	2
86	SINGLE SLEEVE L=100	DN40	SCH 80	ASTM A106 Gr B	51
87	SINGLE SLEEVE L=100	DN400	SCH 80	ASTM A106 Gr B	2
88	SINGLE SLEEVE L=100	DN50	SCH 80	ASTM A106 Gr B	130
89	SINGLE SLEEVE L=100	DN500	SCH 80	ASTM A106 Gr B	5
90	SINGLE SLEEVE L=100	DN65	SCH 80	ASTM A106 Gr B	114
91	SINGLE SLEEVE L=100	DN80	SCH 80	ASTM A106 Gr B	95

BOQ OF HYDRAULIC SYSTEM										
System	Item Description	Pipe Class	Size OD (mm)	Size OD (Inch)	Thick (mm)	Material	Qty/ vessel (m)	Inch size	Inch Dia	Inch Meter
STEERING GEAR HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	Ø38	1.496	4	EN10305-4 E355N	40	0.5	-	20
STEERING GEAR HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	Ø32	1.378	3	EN10305-4 E355N	20	0.5	-	10
STEERING GEAR HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	Ø26	0.984	3	EN10305-4 E355N	80	0.5	-	40
STEERING GEAR HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	Ø48	1.969	3	EN10305-4 E355N	12	0.5	-	6
STEERING GEAR HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	Ø36	1.496	3	EN10305-4 E355N	24	1	-	24
STEERING GEAR HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	Ø71	2.795	3	EN10305-4 E355N	12	1	-	12



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STEERING GEAR HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	Ø30	1.181	2.5	EN10305-4 E355N	12	1.5	-	18
DECK MACHINARIES HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	115	4.528	15	AISI316L	25	4.528	-	113.2
DECK MACHINARIES HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	88.9	3.5	11.1	AISI316L	15	3.5	-	52.5
DECK MACHINARIES HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	88.9	3.5	3.6	AISI316L	15	3.5	-	52.5
DECK MACHINARIES HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	38	1.496	4	AISI316L	25	1.496	-	37.4
DECK MACHINARIES HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	42	1.654	3	AISI316L	40	1.654	-	66.16
DECK MACHINARIES HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	42	1.654	3	AISI316L	15	1.654	-	24.81
STEERING GEAR HYDRAULICS	Elbow Connector	Class-1 Pipe	Ø38	1.496	2	EN10305-4 E355N	27	1.496	80.784	-
STEERING GEAR HYDRAULICS	Elbow Connector	Class-1 Pipe	Ø32	1.378	2	EN10305-4 E355N	4	1.378	11.024	-
STEERING GEAR HYDRAULICS	Elbow Connector	Class-1 Pipe	Ø26	0.984	2	EN10305-4 E355N	8	0.984	15.744	-
STEERING GEAR HYDRAULICS	Elbow Connector	Class-1 Pipe	Ø48	1.969	2	EN10305-4 E355N	4	1.969	15.752	-
STEERING GEAR HYDRAULICS	Elbow Connector	Class-1 Pipe	Ø36	1.496	4	EN10305-4 E355N	4	1.496	11.968	-
STEERING GEAR HYDRAULICS	Elbow Connector	Class-1 Pipe	Ø71	2.795	4	EN10305-4 E355N	8	2.795	44.72	-



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STEERING GEAR HYDRAULICS	Elbow Connector	Class- 1 Pipe	Ø30	1.181	2.5	EN10305- 4 E355N	5	1.181	11.81	-
DECK MACHINARIES HYDRAULICS	Elbow Connector (Weldable)	Class- 1 Pipe	115	4.528	15	AISI316L	4	4.528	36.224	-
DECK MACHINARIES HYDRAULICS	Elbow Connector (Weldable)	Class- 1 Pipe	88.9	3.5	11.1	AISI316L	4	3.5	28	-
DECK MACHINARIES HYDRAULICS	Elbow Connector (Weldable)	Class- 1 Pipe	88.9	3.5	3.6	AISI316L	8	3.5	56	-
DECK MACHINARIES HYDRAULICS	Elbow Connector	Class- 1 Pipe	38	1.496	4	AISI316L	5	1.496	14.96	-
DECK MACHINARIES HYDRAULICS	Elbow Connector	Class- 1 Pipe	42	1.654	3	AISI316L	5	1.654	16.54	-
DECK MACHINARIES HYDRAULICS	Elbow Connector	Class- 1 Pipe	42	1.654	3	AISI316L	8	1.654	26.464	-
STEERING GEAR HYDRAULICS	SAE FLANGE	Class- 1 Pipe	1 1/4"	1.25	3	EN10305- 4 E355N	8	1.25	10	-
STEERING GEAR HYDRAULICS	SAE FLANGE	Class- 1 Pipe	2 1/2"	2.5	3	EN10305- 4 E355N	4	2.5	10	-
STEERING GEAR HYDRAULICS	SAE FLANGE	Class- 1 Pipe	2"	2	3	EN10305- 4 E355N	4	2	8	-
STEERING GEAR HYDRAULICS	FLANGE	Class- 1 Pipe	DN50	2	PN16	EN10305- 4 E355N	2	2	4	-
STEERING GEAR HYDRAULICS	FLANGE	Class- 1 Pipe	DN65	2.5	PN16	EN10305- 4 E355N	4	2.5	10	-
DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class- 1 Pipe	38	1.496	4	AISI316L	12	1.496	17.952	-



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DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class- 1 Pipe	88.9	3.5	11.1	AISI316L	2	3.5	7	-
DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class- 1 Pipe	1 1/4"	1.25	6000PSI	AISI316L	3	1.25	3.75	-
DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class- 1 Pipe	1 1/2"	1.5	3000PSI	AISI316L	1	1.5	1.5	-
DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class- 1 Pipe	1 1/4"	1.25	3000PSI	AISI316L	1	1.25	1.25	-
DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class- 1 Pipe	1 1/2"	1.5	3000PSI	AISI316L	3	1.5	4.5	-
DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class- 1 Pipe	2"	2	3000PSI	AISI316L	2	2	4	-
DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class- 1 Pipe	2 1/2"	2.5	3000PSI	AISI316L	1	2.5	2.5	-
DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class- 1 Pipe	3"	3	3000PSI	AISI316L	1	3	3	-
DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class- 1 Pipe	1 1/2"	1.5	6000PSI	AISI316L	6	1.5	9	-
DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class- 1 Pipe	2"	2	6000PSI	AISI316L	1	2	2	-
DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class- 1 Pipe	1 1/4"	1.25	6000PSI	AISI316L	4	1.25	5	-



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DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class- 1 Pipe	1"	1	6000PSI	AISI316L	2	1	2	-
DECK MACHINARIES HYDRAULICS	FLANGE	Class- 1 Pipe	115	4.5	15	AISI316L	2	4.5	9	-
DECK MACHINARIES HYDRAULICS	FLANGE	Class- 1 Pipe	DN80	3	PN16	AISI316L	2	3	6	-
DECK MACHINARIES HYDRAULICS	FLANGE	Class- 1 Pipe	DN50	2	PN16	AISI316L	2	2	4	-

NOTE: THE BILL OF MATERIAL MENTIONED ABOVE IS ONLY INDICATIVE AND FOR TENDERING PURPOSE. THE ACTUAL MATERIAL REQUIREMENT MAY HAVE DIFFERENCE.

Welding Assumption	
Item	Weld Qty
BSP WELDING NIPPLE	0.5
CONCENTRIC REDUCER	2
FLAT WELDING FLANGE	1
ELBOW 45	2
ELBOW 90	2
INNER SLEEVE L=100	1
OUTER SLEEVE L=100	1
PIPE ASME B36.10	0
SINGLE SLEEVE L=100	1
Blank Plate	0.5
WELDING SOCKET	0.5
WELDING SOCKET	0.5





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Note:

1. Where ABS certificate is indicated, the item is to be certified by class as required and the proof for the same need to be submitted at UCSL with the materials.
2. This is a turnkey job and any additional works up to 7.5% growth of work on the material and spool fabrication in terms of total quantity of material and spools is to be envisaged and is to be undertaken without any additional price impact.
3. Hydraulic Pipes: All hydraulic pipes shall be pressure-tested at the specified test pressure (bar), and the test certificates shall be provided as per the applicable class requirements.
4. Galvanised Pipes: Both the internal and external surfaces shall be blasted.
5. Pickled Pipes: The external surfaces of all pickled pipes shall be coated with primer to prevent corrosion after completion of the work.



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)
documents in respect of the above.

(Attested signature of Mr.)

For.....
(Name & designation)

(Company Seal)





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UCSL/CC/SB/T/193-196/311/2026 DT.14th OCTOBER 2026

**TENDER FOR PIPE SPOOL FABRICATION OF 70TON
BOLLARD PULL BATTERY ELECTRIC TUG UY 193-196**

PRICE BID

Sl. No.	Work Description	UOM	Amount-INR
1	PART A- FABRICATION RATE FOR CARBON STEEL & STAINLESS-STEEL PIPES	LS	
2	PART B -RATE FOR GALVANISATION/PICKLING/PASSIVATION	LS	
3	PART C- BILL OF MATERIAL(BOQ)	LS	
4	Total Amount:		
5	IGST/GST @.....:		
6	Grand Total Amount:		
Grand total in words:			

Signature:

Address of the contractor:

Note:

1. L1 will be determined based on the value quoted at Sl. No:06.
2. The bidder should also fill the rate in Annexure-V (Page no: 02 to Page No.:14), but the same will not be considered for L1 determination.





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PART A

FABRICATION RATE FOR CARBON STEEL & STAINLESS-STEEL PIPES

Category	Approx. Inch Diameter (A)	Unit rate (B)	Total Rate (C=A*B)
CARBON STEEL			
25NB	1311		
32NB TO 50NB	3870.3		
65NB TO 80NB	3870.5		
100NB TO 150NB	1292		
200NB TO 250NB	912		
ABOVE 250NB	1332		
CLASS PIPING			
32NB TO 50NB	76		
65NB TO 80NB	470		
100 NB	88		
200 NB	208		
ABOVE 250NB	256		
STAINLESS STEEL			
25NB	14.1		
32NB TO 50NB	342		
65NB TO 80NB	136.5		
ABOVE 250NB	140		
EN10305-4 E355N (Seamless Precision Steel tube)			
25NB TO 50NB	260		
65NB TO 80NB	70		
80NB TO 150NB	164.44		
20 NB to 25 NB	102		
TOTAL ESTIMATE	14812.7		
TOTAL AMOUNT			





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PART B

RATE FOR GALVANISATION/PICKLING/PASSIVATION

SL. No	Description	Total Weight in Ton (A)	Unit Rate/Ton (B)	Total Amount (C=A*B)
1	Hot Dip Galvanizing	15		
2	Pickling	3		
3	Passivation	1.5		

Note:

1. Non-GI pipes inside and outside of pipe to be blasted upon completion.
2. Outside of pipe to be primer coated to avoid corrosion after completion.
3. **All ends to be properly closed with plastic end cap to avoid outside particle**





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PART C INDICATIVE BILL OF MATERIAL(BOM)

CLASS PIPING							
Sl. No	Description	Dimension	Schedule	Material	Sum of Quantity	Rate	Amount
1	HULL PIPE ASME B36.10 with 3.2 cert.	DN50	SCH 160	ASTM A106 Gr B	2		
2	HULL PIPE ASME B36.10 with 3.2 cert.	DN65	SCH 160	ASTM A106 Gr B	8		
3	HULL PIPE ASME B36.10 with 3.2 cert.	DN80	SCH 160	ASTM A106 Gr B	17		
4	HULL PIPE ASME B36.10 with 3.2 cert.	DN100	SCH 160	ASTM A106 Gr B	5		
5	HULL PIPE ASME B36.10 with 3.2 cert.	DN200	SCH 160	ASTM A106 Gr B	8		
6	HULL PIPE ASME B36.10 with 3.2 cert.	DN400	SCH 160	ASTM A106 Gr B	2		

Note:

ABOVE MATERIALS TO BE CERTIFIED BY ABS CLASS.

STAINLESS STEEL							
Sl. No	Description	Dimension	Schedule	Material	Qty (m/Nos)	Rate	Amount
1	PIPE ASME B36.10	DN25	STD/40S	AISI-316L	5		
2	PIPE ASME B36.10	DN40	STD/40S	AISI-316L	56.5		
3	PIPE ASME B36.10	DN50	STD/40S	AISI-316L	30		
4	PIPE ASME B36.10	DN65	STD/40S	AISI-316L	25		
5	PIPE ASME B36.10	DN80	STD/40S	AISI-316L	1.5		
6	PIPE ASME B36.10	DN350	STD/40S	AISI-316L	10		





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7	ELBOW ASME B16.9 L.RAD 45	DN25	STD/40S	AISI-316L	1		
8	ELBOW ASME B16.9 L.RAD 45	DN25	STD/40S	AISI-316L	1		
9	ELBOW ASME B16.9 L.RAD 45	DN40	STD/40S	AISI-316L	7		
10	ELBOW ASME B16.9 L.RAD 45	DN65	STD/40S	AISI-316L	3		
11	ELBOW ASME B16.9 L.RAD 90	DN10	STD/10S	AISI-316L	3		
12	ELBOW ASME B16.9 L.RAD 90	DN15	STD/10S	AISI-316L	7		
13	ELBOW ASME B16.9 L.RAD 90	DN20	STD/10S	AISI-316L	5		
14	ELBOW ASME B16.9 L.RAD 90	DN40	STD/40S	AISI-316L	7		
15	ELBOW ASME B16.9 L.RAD 90	DN50	STD/40S	AISI-316L	9		
16	ELBOW ASME B16.9 L.RAD 90	DN50	STD/40S	AISI-316L	2		
17	ELBOW ASME B16.9 L.RAD 90	DN65	STD/40S	AISI-316L	3		
18	ELBOW ASME B16.9 L.RAD 90	DN350	STD/40S	AISI-316L	2		
19	FLAT WELDING FLANGE	DN10	PN10	AISI-316L	3		
20	FLAT WELDING FLANGE	DN15	PN10	AISI-316L	30		
21	FLAT WELDING FLANGE	DN20	PN10	AISI-316L	20		
22	FLAT WELDING FLANGE	DN25	PN10	AISI-316L	2		





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23	FLAT WELDING FLANGE	DN40	PN10	AISI-316L	20		
24	FLAT WELDING FLANGE	DN50	PN10	AISI-316L	17		
25	FLAT WELDING FLANGE	DN65	PN10	AISI-316L	9		
26	FLAT WELDING FLANGE	DN80	PN10	AISI-316L	1		
27	FLAT WELDING FLANGE	DN350	PN10	AISI-316L	2		
28	SLEEVE	DN25	STD/40S	AISI-316L	3		
29	SLEEVE	DN40	STD/40S	AISI-316L	27		
30	SLEEVE	DN50	STD/40S	AISI-316L	19		
31	SLEEVE	DN65	STD/40S	AISI-316L	12		
32	SLEEVE	DN80	STD/40S	AISI-316L	1		
33	SLEEVE	DN350	STD/40S	AISI-316L	2		

CARBON STEEL PIPING

Sl. No	Description	Dimension	Material		Qty (m)	Rate	Amount
1	SEAMLESS PIPE ASME B36.10	DN100	SCH 40	ASTM A106 Gr B	55		
2	SEAMLESS PIPE ASME B36.10	DN25	SCH 40	ASTM A106 Gr B	387		
3	SEAMLESS PIPE ASME B36.10	DN32	SCH 40	ASTM A106 Gr B	85		
4	SEAMLESS PIPE ASME B36.10	DN40	SCH 40	ASTM A106 Gr B	392		
5	SEAMLESS PIPE ASME B36.10	DN50	SCH 40	ASTM A106 Gr B	301		
6	SEAMLESS PIPE ASME B36.10	DN65	SCH 40	ASTM A106 Gr B	122		
7	SEAMLESS PIPE ASME B36.10	DN80	SCH 40	ASTM A106 Gr B	146		
8	SEAMLESS PIPE ASME B36.10	DN100	SCH 80	ASTM A106 Gr B	73.5		
9	SEAMLESS PIPE ASME B36.10	DN150	SCH 80	ASTM A106 Gr B	5		
10	SEAMLESS PIPE ASME B36.10	DN200	SCH 80	ASTM A106 Gr B	24		





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11	SEAMLESS PIPE ASME B36.10	DN25	SCH 80	ASTM A106 Gr B	37		
12	SEAMLESS PIPE ASME B36.10	DN300	SCH 80	ASTM A106 Gr B	5		
13	SEAMLESS PIPE ASME B36.10	DN32	SCH 80	ASTM A106 Gr B	20		
14	SEAMLESS PIPE ASME B36.10	DN350	SCH 80	ASTM A106 Gr B	5		
15	SEAMLESS PIPE ASME B36.10	DN40	SCH 80	ASTM A106 Gr B	71.5		
16	SEAMLESS PIPE ASME B36.10	DN400	SCH 80	ASTM A106 Gr B	2		
17	SEAMLESS PIPE ASME B36.10	DN50	SCH 80	ASTM A106 Gr B	175.5		
18	SEAMLESS PIPE ASME B36.10	DN500	SCH 80	ASTM A106 Gr B	5		
19	SEAMLESS PIPE ASME B36.10	DN65	SCH 80	ASTM A106 Gr B	177		
20	SEAMLESS PIPE ASME B36.10	DN80	SCH 80	ASTM A106 Gr B	133.5		
21	CON.REDUCER ASME B16.9	DN100	SCH 40	ASTM A234 WPB	7		
22	CON.REDUCER ASME B16.9	DN25	SCH 40	ASTM A234 WPB	63		
23	CON.REDUCER ASME B16.9	DN32	SCH 40	ASTM A234 WPB	16		
24	CON.REDUCER ASME B16.9	DN40	SCH 40	ASTM A234 WPB	39		
25	CON.REDUCER ASME B16.9	DN50	SCH 40	ASTM A234 WPB	39		
26	CON.REDUCER ASME B16.9	DN65	SCH 40	ASTM A234 WPB	5		
27	CON.REDUCER ASME B16.9	DN80	SCH 40	ASTM A234 WPB	16		
28	CON.REDUCER ASME B16.9	DN100	SCH 80	ASTM A234 WPB	13		
29	CON.REDUCER ASME B16.9	DN150	SCH 80	ASTM A234 WPB	1		
30	CON.REDUCER ASME B16.9	DN200	SCH 80	ASTM A234 WPB	7		
31	CON.REDUCER ASME B16.9	DN25	SCH 80	ASTM A234 WPB	5		
32	CON.REDUCER ASME B16.9	DN300	SCH 80	ASTM A234 WPB	1		
33	CON.REDUCER ASME B16.9	DN32	SCH 80	ASTM A234 WPB	3		
34	CON.REDUCER ASME B16.9	DN40	SCH 80	ASTM A234 WPB	13		
35	CON.REDUCER ASME B16.9	DN400	SCH 80	ASTM A234 WPB	1		
36	CON.REDUCER ASME B16.9	DN50	SCH 80	ASTM A234 WPB	29		
37	CON.REDUCER ASME B16.9	DN500	SCH 80	ASTM A234 WPB	2		





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38	CON.REDUCER ASME B16.9	DN65	SCH 80	ASTM A234 WPB	32		
39	CON.REDUCER ASME B16.9	DN80	SCH 80	ASTM A234 WPB	25		
40	ELBOW ASME B16.9 L.RAD 90	DN100	SCH 40	ASTM A106 Gr B	10		
41	ELBOW ASME B16.9 L.RAD 90	DN25	SCH 40	ASTM A106 Gr B	118		
42	ELBOW ASME B16.9 L.RAD 90	DN32	SCH 40	ASTM A106 Gr B	23		
43	ELBOW ASME B16.9 L.RAD 90	DN40	SCH 40	ASTM A106 Gr B	59		
44	ELBOW ASME B16.9 L.RAD 90	DN50	SCH 40	ASTM A106 Gr B	69		
45	ELBOW ASME B16.9 L.RAD 90	DN65	SCH 40	ASTM A106 Gr B	13		
46	ELBOW ASME B16.9 L.RAD 90	DN80	SCH 40	ASTM A106 Gr B	29		
47	ELBOW ASME B16.9 L.RAD 90	DN100	SCH 80	ASTM A106 Gr B	24		
48	ELBOW ASME B16.9 L.RAD 90	DN150	SCH 80	ASTM A106 Gr B	2		
49	ELBOW ASME B16.9 L.RAD 90	DN200	SCH 80	ASTM A106 Gr B	23		
50	ELBOW ASME B16.9 L.RAD 90	DN25	SCH 80	ASTM A106 Gr B	10		
51	ELBOW ASME B16.9 L.RAD 90	DN300	SCH 80	ASTM A106 Gr B	3		
52	ELBOW ASME B16.9 L.RAD 90	DN32	SCH 80	ASTM A106 Gr B	6		
53	ELBOW ASME B16.9 L.RAD 90	DN350	SCH 80	ASTM A106 Gr B	8		
54	ELBOW ASME B16.9 L.RAD 90	DN40	SCH 80	ASTM A106 Gr B	29		
55	ELBOW ASME B16.9 L.RAD 90	DN50	SCH 80	ASTM A106 Gr B	49		
56	ELBOW ASME B16.9 L.RAD 90	DN500	SCH 80	ASTM A106 Gr B	6		
57	ELBOW ASME B16.9 L.RAD 90	DN65	SCH 80	ASTM A106 Gr B	50		
58	ELBOW ASME B16.9 L.RAD 90	DN80	SCH 80	ASTM A106 Gr B	41		
59	FLAT WELDING FLANGE	DN100	PN10	IS2062	63		
60	FLAT WELDING FLANGE	DN150	PN10	IS2062	4		
61	FLAT WELDING FLANGE	DN200	PN10	IS2062	22		
62	FLAT WELDING FLANGE	DN25	PN10	IS2062	384		
63	FLAT WELDING FLANGE	DN300	PN10	IS2062	4		
64	FLAT WELDING FLANGE	DN32	PN10	IS2062	95		





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65	FLAT WELDING FLANGE	DN40	PN10	IS2062	172		
66	FLAT WELDING FLANGE	DN400	PN10	IS2062	2		
67	FLAT WELDING FLANGE	DN50	PN10	IS2062	255		
68	FLAT WELDING FLANGE	DN65	PN10	IS2062	151		
69	FLAT WELDING FLANGE	DN80	PN10	IS2062	132		
70	FLAT WELDING FLANGE	DN350	SCH 80	IS2062	10		
71	SINGLE SLEEVE L=100	DN100	SCH 40	ASTM A106 Gr B	28		
72	SINGLE SLEEVE L=100	DN25	SCH 40	ASTM A106 Gr B	267		
73	SINGLE SLEEVE L=100	DN32	SCH 40	ASTM A106 Gr B	49		
74	SINGLE SLEEVE L=100	DN40	SCH 40	ASTM A106 Gr B	154		
75	SINGLE SLEEVE L=100	DN50	SCH 40	ASTM A106 Gr B	138		
76	SINGLE SLEEVE L=100	DN65	SCH 40	ASTM A106 Gr B	25		
77	SINGLE SLEEVE L=100	DN80	SCH 40	ASTM A106 Gr B	62		
78	SINGLE SLEEVE L=100	DN100	SCH 80	ASTM A106 Gr B	50		
79	SINGLE SLEEVE L=100	DN150	SCH 80	ASTM A106 Gr B	5		
80	SINGLE SLEEVE L=100	DN200	SCH 80	ASTM A106 Gr B	26		
81	SINGLE SLEEVE L=100	DN25	SCH 80	ASTM A106 Gr B	21		
82	SINGLE SLEEVE L=100	DN300	SCH 80	ASTM A106 Gr B	5		
83	SINGLE SLEEVE L=100	DN32	SCH 80	ASTM A106 Gr B	11		
84	SINGLE SLEEVE L=100	DN350	SCH 80	ASTM A106 Gr B	2		
85	SINGLE SLEEVE L=100	DN40	SCH 80	ASTM A106 Gr B	51		
86	SINGLE SLEEVE L=100	DN400	SCH 80	ASTM A106 Gr B	2		
87	SINGLE SLEEVE L=100	DN50	SCH 80	ASTM A106 Gr B	130		
88	SINGLE SLEEVE L=100	DN500	SCH 80	ASTM A106 Gr B	5		
89	SINGLE SLEEVE L=100	DN65	SCH 80	ASTM A106 Gr B	114		
90	SINGLE SLEEVE L=100	DN80	SCH 80	ASTM A106 Gr B	95		





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BOQ OF HYDRAULIC SYSTEM												
System	Item Description	Pipe Class	Size OD (mm)	Size OD (Inch)	Thick (mm)	Material	Qty/ vessel (m)	Inch size	Inch Dia	Inch Meter	Rate	Amount
STEERING GEAR HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	Ø38	1.496	4	EN10305-4 E355N	40	0.5	-	20		
STEERING GEAR HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	Ø32	1.378	3	EN10305-4 E355N	20	0.5	-	10		
STEERING GEAR HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	Ø26	0.984	3	EN10305-4 E355N	80	0.5	-	40		
STEERING GEAR HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	Ø48	1.969	3	EN10305-4 E355N	12	0.5	-	6		
STEERING GEAR HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	Ø36	1.496	3	EN10305-4 E355N	24	1	-	24		
STEERING GEAR HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	Ø71	2.795	3	EN10305-4 E355N	12	1	-	12		
STEERING GEAR HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	Ø30	1.181	2.5	EN10305-4 E355N	12	1.5	-	18		
DECK MACHINARIES HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	115	4.528	15	AISI316L	25	4.528	-	113.2		
DECK MACHINARIES HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	88.9	3.5	11.1	AISI316L	15	3.5	-	52.5		





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DECK MACHINARIES HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	88.9	3.5	3.6	AISI316L	15	3.5	-	52.5		
DECK MACHINARIES HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	38	1.496	4	AISI316L	25	1.496	-	37.4		
DECK MACHINARIES HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	42	1.654	3	AISI316L	40	1.654	-	66.16		
DECK MACHINARIES HYDRAULICS	Seamless Precision Steel Tube	Class-1 Pipe	42	1.654	3	AISI316L	15	1.654	-	24.81		
STEERING GEAR HYDRAULICS	Elbow Connector	Class-1 Pipe	Ø38	1.496	2	EN10305- 4 E355N	27	1.496	80.784	-		
STEERING GEAR HYDRAULICS	Elbow Connector	Class-1 Pipe	Ø32	1.378	2	EN10305- 4 E355N	4	1.378	11.024	-		
STEERING GEAR HYDRAULICS	Elbow Connector	Class-1 Pipe	Ø26	0.984	2	EN10305- 4 E355N	8	0.984	15.744	-		
STEERING GEAR HYDRAULICS	Elbow Connector	Class-1 Pipe	Ø48	1.969	2	EN10305- 4 E355N	4	1.969	15.752	-		
STEERING GEAR HYDRAULICS	Elbow Connector	Class-1 Pipe	Ø36	1.496	4	EN10305- 4 E355N	4	1.496	11.968	-		
STEERING GEAR HYDRAULICS	Elbow Connector	Class-1 Pipe	Ø71	2.795	4	EN10305- 4 E355N	8	2.795	44.72	-		
STEERING GEAR HYDRAULICS	Elbow Connector	Class-1 Pipe	Ø30	1.181	2.5	EN10305- 4 E355N	5	1.181	11.81	-		





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DECK MACHINARIES HYDRAULICS	Elbow Connector (Weldable)	Class-1 Pipe	115	4.528	15	AISI316L	4	4.528	36.224	-		
DECK MACHINARIES HYDRAULICS	Elbow Connector (Weldable)	Class-1 Pipe	88.9	3.5	11.1	AISI316L	4	3.5	28	-		
DECK MACHINARIES HYDRAULICS	Elbow Connector (Weldable)	Class-1 Pipe	88.9	3.5	3.6	AISI316L	8	3.5	56	-		
DECK MACHINARIES HYDRAULICS	Elbow Connector	Class-1 Pipe	38	1.496	4	AISI316L	5	1.496	14.96	-		
DECK MACHINARIES HYDRAULICS	Elbow Connector	Class-1 Pipe	42	1.654	3	AISI316L	5	1.654	16.54	-		
DECK MACHINARIES HYDRAULICS	Elbow Connector	Class-1 Pipe	42	1.654	3	AISI316L	8	1.654	26.464	-		
STEERING GEAR HYDRAULICS	SAE FLANGE	Class-1 Pipe	1 1/4"	1.25	3	EN10305- 4 E355N	8	1.25	10	-		
STEERING GEAR HYDRAULICS	SAE FLANGE	Class-1 Pipe	2 1/2"	2.5	3	EN10305- 4 E355N	4	2.5	10	-		
STEERING GEAR HYDRAULICS	SAE FLANGE	Class-1 Pipe	2"	2	3	EN10305- 4 E355N	4	2	8	-		
STEERING GEAR HYDRAULICS	FLANGE	Class-1 Pipe	DN50	2	PN16	EN10305- 4 E355N	2	2	4	-		
STEERING GEAR HYDRAULICS	FLANGE	Class-1 Pipe	DN65	2.5	PN16	EN10305- 4 E355N	4	2.5	10	-		



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DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class-1 Pipe	38	1.496	4	AISI316L	12	1.496	17.952	-		
DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class-1 Pipe	88.9	3.5	11.1	AISI316L	2	3.5	7	-		
DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class-1 Pipe	1 1/4"	1.25	6000PSI	AISI316L	3	1.25	3.75	-		
DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class-1 Pipe	1 1/2"	1.5	3000PSI	AISI316L	1	1.5	1.5	-		
DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class-1 Pipe	1 1/4"	1.25	3000PSI	AISI316L	1	1.25	1.25	-		
DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class-1 Pipe	1 1/2"	1.5	3000PSI	AISI316L	3	1.5	4.5	-		
DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class-1 Pipe	2"	2	3000PSI	AISI316L	2	2	4	-		
DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class-1 Pipe	2 1/2"	2.5	3000PSI	AISI316L	1	2.5	2.5	-		
DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class-1 Pipe	3"	3	3000PSI	AISI316L	1	3	3	-		
DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class-1 Pipe	1 1/2"	1.5	6000PSI	AISI316L	6	1.5	9	-		
DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class-1 Pipe	2"	2	6000PSI	AISI316L	1	2	2	-		





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DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class-1 Pipe	1 1/4"	1.25	6000PSI	AISI316L	4	1.25	5	-		
DECK MACHINARIES HYDRAULICS	SAE FLANGE	Class-1 Pipe	1"	1	6000PSI	AISI316L	2	1	2	-		
DECK MACHINARIES HYDRAULICS	FLANGE	Class-1 Pipe	115	4.5	15	AISI316L	2	4.5	9	-		
DECK MACHINARIES HYDRAULICS	FLANGE	Class-1 Pipe	DN80	3	PN16	AISI316L	2	3	6	-		
DECK MACHINARIES HYDRAULICS	FLANGE	Class-1 Pipe	DN50	2	PN16	AISI316L	2	2	4	-		

Note:

1. Where ABS certificate is indicated, the item is to be certified by class as required and the proof for the same need to be submitted at UCSL with the materials.
2. This is a turnkey job and any additional works up to 7.5% growth of work on the material and spool fabrication in terms of total quantity of material and spools is to be envisaged and is to be undertaken without any additional price impact.





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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 Materials. (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	12 Months - Agreed as per tender/Do not agree	
5	Taxes & Duties	Specified/included in Price	
6	Payment terms - confirm		
a	As per Clause 11 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/193-196/311/2026 DT:14.10.2026 Tender For Pipe Spool Fabrication of 70 Ton Bollard Pull Battery Electric Tug UY 193-196 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:





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STATUTORY COMPLIANCE REQUIREMENTS FOR CONTRACTOR

The Contractor shall strictly comply with all applicable provisions of the prevailing Labour Laws, including the **Code on Wages, 2019 (Act No. 29 of 2019)**, **Industrial Relations Code, 2020 (Act No. 35 of 2020)**, **Code on Social Security, 2020 (Act No. 36 of 2020)**, **Occupational Safety, Health and Working Conditions Code, 2020 (Act No. 37 of 2020)**, and all applicable Central/State Rules, regulations, notifications, amendments and statutory requirements. The Contractor shall ensure compliance with the following requirements throughout the contract period:

A. CONTRACTOR COMPLIANCE

1. Employment of Indian Nationals – UCSL Contractual Requirement

Only Indian nationals holding valid citizenship and prescribed identity/address documents shall be engaged for work inside UCSL premises. The Contractor shall verify and maintain appropriate documentary proof before deployment of any person. This requirement is a UCSL contractual/site-access condition and is not a specific requirement prescribed under any particular Labour Code section.

2. Contract Labour Licence – OSH&WC Code, 2020

The Contractor shall obtain and maintain a valid licence for engaging/supplying contract labour wherever the provisions of the Code are applicable. No contractor to whom Part I of Chapter XI applies shall supply or engage contract labour or undertake/execute work through contract labour except under and in accordance with a valid licence. Statutory Reference: Occupational Safety, Health and Working Conditions Code, 2020 – Sections 45, 47, 48, 50 and 51. Code No.: 37 of 2020.

3. EPF Compliance

The Contractor shall ensure the enrolment of all eligible employees/workmen under the Employees' Provident Fund (EPF) scheme and shall timely deposit the applicable employer and employee contributions in accordance with the applicable provisions of law. The Contractor shall maintain all required EPF records, including UAN and contribution details, and shall produce documentary evidence of compliance whenever required by UCSL or the competent statutory authority.

Statutory Reference: Code on Social Security, 2020 – Sections 15 to 21, read with the First Schedule, Chapter III, and applicable Rules, notifications and amendments. Code No. 36 of 2020.

4. ESI Compliance

The Contractor shall ensure coverage of all eligible employees/workmen under the Employees' State Insurance (ESI) scheme and shall timely deposit the applicable employer and employee contributions in accordance with the applicable provisions of law. The Contractor shall maintain valid ESI/e-Pehchan details and all other prescribed records and shall produce documentary evidence of compliance whenever required by UCSL or the competent statutory authority.

Statutory Reference: Code on Social Security, 2020 – Sections 28 to 44, read with the First Schedule, Chapter IV, and applicable Rules, notifications and amendments. Code No. 36 of 2020.

5. Labour Returns and Statutory Reports

The Contractor shall submit all labour/statutory returns and reports required by UCSL or the competent statutory authorities within the prescribed time limits. UCSL-specific monthly Statutory labour reports shall be submitted to the concerned Contracting Officer by the 15th of every month, or within such other period as may be specified by UCSL. Statutory Reference: Occupational Safety, Health and Working Conditions Code, 2020 – Section 33; Code on Wages, 2019 – Section 50; and applicable Rules.

6. Maintenance of Statutory Records

The Contractor shall maintain all prescribed registers and records, including employee particulars, muster roll/attendance, wages, overtime, deductions, leave, statutory contributions and other records, and shall produce the same for inspection by UCSL or the competent statutory authority whenever required.

Statutory Reference: Code on Wages, 2019 – Section 50; Occupational Safety, Health and Working Conditions Code, 2020 – Section 33; Code on Social Security, 2020 – applicable record/return provisions and Rules.

7. Timely Payment of Wages

The Contractor shall ensure that wages are paid within the statutory time limit. For employees engaged on a monthly wage period, wages shall be paid before the expiry of the seventh day of the succeeding month. In cases of removal, dismissal, retrenchment or resignation, wages payable shall be paid within two working days, subject to the applicable statutory provisions. Statutory Reference: Code on Wages, 2019 – Section 17(1)(d) and Section 17(2).

8. Minimum Wages and VDA Compliance



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The Contractor shall pay wages not less than the applicable minimum rate of wages and shall promptly implement all revisions in minimum wages and Variable Dearness Allowance (VDA), wherever applicable.

Statutory Reference: Code on Wages, 2019 – Sections 5, 6, 7, 8, 9, 10 and 11, read with applicable notifications/rules issued by the appropriate Government.

9. Overtime Payment

Where overtime is applicable, the Contractor shall pay overtime wages at a rate not less than twice the normal rate of wages. Statutory Reference: Code on Wages, 2019 – Section 14.

Where applicable, workers working beyond the prescribed hours shall be paid overtime at twice the rate of wages, subject to the conditions prescribed under the Code and Rules.

Statutory Reference: Occupational Safety, Health and Working Conditions Code, 2020 – Section 27.

10. Wage Slips

The Contractor shall issue wage slips to all employees in the prescribed form and manner and shall maintain documentary evidence of wage payment. Statutory Reference: Code on Wages, 2019 – Section 50(3) and applicable Code on Wages Rules, 2026.

11. Attendance, Wage and Overtime Records

The Contractor shall maintain accurate attendance records, including actual entry and exit/working hours wherever required for verification of wages and overtime, together with wage, overtime and deduction records.

Statutory Reference: Code on Wages, 2019 – Section 50 and applicable Rules; Occupational Safety, Health and Working Conditions Code, 2020 – Section 33.

12. Wage Payment Verification

The Contractor shall make wage payments through bank transfer/digital mode wherever applicable and shall produce bank statements, wage registers, wage slips and other documentary evidence whenever required by UCSL.

Statutory Reference: Code on Wages, 2019 – Sections 15, 17 and 50, read with applicable Rules.

13. Limit on Wage Deductions

The Contractor shall make only those deductions permitted under law, and the total deductions in any wage period shall not ordinarily exceed 50% of wages, subject to the provisions of the Code. Statutory Reference: Code on Wages, 2019 – Section 18(1), 18(2) and 18(3).

14. Payment of Annual Bonus

The Contractor shall pay statutory bonus to eligible employees in accordance with the applicable provisions, including the requirement relating to employees who have worked for at least 30 days in an accounting year, subject to the wage eligibility limits and other conditions prescribed under the Code and Rules.

Statutory Reference: Code on Wages, 2019 – Sections 26 to 41, particularly Sections 26 and 27, read with applicable Rules. Note: The actual bonus calculation and eligibility should be applied as prescribed under the Code/Rules and applicable notifications.

15. Maternity Benefits

Eligible women employees shall be provided maternity benefits and other related benefits in accordance with the Code. A woman shall generally be eligible for maternity benefit where she has actually worked for not less than 80 days during the 12 months immediately preceding the expected date of delivery, subject to the applicable statutory conditions. Statutory Reference: Code on Social Security, 2020 – Sections 60 to 72, particularly Sections 60, 62, 64, 65 and 66.

16. Gratuity

The Contractor shall pay gratuity to eligible employees within the prescribed statutory period. Gratuity shall also be applicable, subject to the statutory conditions, in cases of fixed-term employment and death/disablement where the requirement of five years' continuous service is not applicable. Statutory Reference: Code on Social Security, 2020 – Sections 53 to 58, particularly Sections 53 and 56. Gratuity is required to be paid within 30 days from the date it becomes payable.

17. Gratuity Nomination

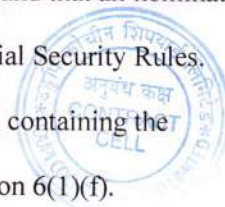
The Contractor shall ensure that eligible employees submit the prescribed gratuity nomination and that all nomination, fresh nomination and modification records are properly maintained and kept in safe custody.

Statutory Reference: Code on Social Security, 2020 – Section 55, read with the applicable Social Security Rules.

18. Appointment Letters

The Contractor shall issue an appointment letter to every employee at the time of appointment, containing the prescribed particulars and terms and conditions of employment.

Statutory Reference: Occupational Safety, Health and Working Conditions Code, 2020 – Section 6(1)(f).





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19. Annual Health Check-up

The Contractor shall provide the prescribed annual health examination/test free of cost to workers/employees falling within the prescribed categories. Statutory Reference: Occupational Safety, Health and Working Conditions Code, 2020 – Section 6(1)(c) and applicable Rules.

20. Weekly Rest

The Contractor shall ensure that workers are provided the prescribed weekly holiday/rest and compensatory holiday wherever applicable.

Statutory Reference: Occupational Safety, Health and Working Conditions Code, 2020 – Sections 25 and 26.

21. Inter-State Migrant Workers – Journey Allowance

In respect of eligible inter-State migrant workers, the Contractor shall provide the prescribed statutory benefits, including a lump-sum amount towards the to-and-fro journey between the place of employment and the native place once in a year, in accordance with applicable provisions.

Statutory Reference: Occupational Safety, Health and Working Conditions Code, 2020 – Sections 59, 60 and 61.

22. Discipline and Conduct

The Contractor shall ensure proper conduct and discipline of its workmen within UCSL premises and shall comply with applicable service conditions, grievance procedures and disciplinary requirements. Any misconduct or violation of UCSL rules shall be dealt with appropriately by the Contractor.

Statutory Reference: Industrial Relations Code, 2020 – Sections 29 to 31, as applicable, together with applicable standing orders/rules.

B. IDENTITY, SECURITY AND DOCUMENTATION

23. Identity and Police Verification – UCSL Requirement

Before issuance of entry passes, all personnel shall submit the documents prescribed by UCSL, including valid identity/address proof and, wherever required by UCSL, a police clearance certificate. The Contractor shall maintain copies of such documents and produce them for verification whenever required.

26. Entry Pass and Deployment Control

No person shall be deployed inside UCSL premises unless the required statutory, identity, security and contractual documents have been verified and accepted by UCSL.

24. Pre-Employment Medical Examination: The Contractor shall ensure that all personnel undergo a pre-employment medical examination and obtain a valid medical fitness certificate before deployment at UCSL premises. Statutory Reference: OSH&WC Code, 2020 – Section 6(1)(c), read with applicable Rules.

25. Medical Insurance Where ESI Is Not Applicable: Where ESI coverage is not applicable, the Contractor shall, at its own cost, provide valid medical/health insurance coverage to the concerned personnel throughout their deployment at UCSL and submit proof of coverage when required. **Statutory Reference:** Code on Social Security, 2020 – Sections 28–44, read with applicable Rules.

26. Prohibition of Child Labour: The Contractor shall not employ, engage, or permit any person below the age of 18 years to work under this Contract, and shall strictly comply with all applicable laws relating to the prohibition of child labour.

C. RECOVERY, AUDIT AND OVERALL RESPONSIBILITY

27. Statutory Dues and Recovery by UCSL

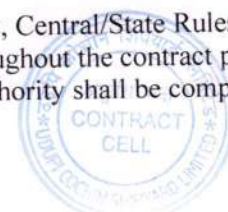
If the Contractor fails to pay any statutory contribution, wage, penalty, damages, compensation or other amount payable under applicable labour laws, UCSL shall be entitled, subject to the contract and applicable law, to recover, deduct or adjust such amount from any amount payable to the Contractor, including bills, retention/security amounts or other dues, and may remit the same to the concerned authority wherever legally permissible.

28. Submission of Documentary Evidence

The Contractor shall submit documentary evidence of statutory compliance whenever requested by UCSL, including EPF/ESI challans, ECRs, wage registers, wage slips, bank payment statements, attendance/muster rolls, bonus records, gratuity records, appointment letters, licence copies, health-check records and statutory returns.

29. Continuous Compliance

The Contractor shall familiarize itself with all applicable Labour Laws, Labour Codes, Central/State Rules, notifications, circulars and amendments and shall ensure continuous compliance throughout the contract period. Any amendment, notification or revised statutory requirement issued by the competent authority shall be complied with by the Contractor from the applicable effective date.





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30. Consequence of non-compliance

non-compliance with the above statutory requirements shall constitute a breach of the Contractor's contractual obligations and may result in withholding/recovery of payments, suspension of deployment/entry passes, recovery of statutory dues, or other appropriate contractual action by UCSL, without prejudice to action that may be taken by the competent statutory authorities under applicable law.

Note: The above section references are based on the Labour Codes and the currently applicable statutory framework. The Contractor shall comply with the **applicable Central/State Rules, notifications and amendments in force from time to time**, and where a provision is subject to prescribed conditions, thresholds or exemptions, the same shall be applied accordingly. The official Ministry of Labour & Employment portal currently lists the 2026 Central Rules for all four Labour Codes.

