



# UDUPI COCHIN SHIPYARD LIMITED

Malpe Harbour Complex, Malpe,  
Udupi, Karnataka - 576 108, India.  
Tel - 0820 2538604.

## **CONTRACT FOR CALIBRATION OF UCSSL YARD MEASURING AND TESTING INSTRUMENTS**

**UCSSL/CC/T/GEN/266 Dt: 25<sup>th</sup> JUNE 2024**

Enquiry No. & date	UCSSL/CC/T/GEN/266, Dt 25 <sup>TH</sup> JUNE 2024
Name of work	CONTRACT FOR CALIBRATION OF UCSSL YARD MEASURING AND TESTING INSTRUMENTS
Last date & time of receipt of tender	02 <sup>ND</sup> JULY 2024 (TUESDAY), 11:30hrs
Date & time of opening of Bid	02 <sup>ND</sup> JULY 2024 (TUESDAY), 11:30hrs

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

- 1.1. This enquiry pertains to the awarding of contract for "Contract for Calibration of UCSSL Yard Measuring and Testing Instruments".
- 1.2. Collection of the equipment's from Udupi Cochin Shipyard Limited (UCSSL), Udupi, Karnataka for calibration and return of the equipment at Udupi Cochin Shipyard Limited (UCSSL), Udupi, Karnataka after calibration is to be arranged by the contractor.

### **2. SCOPE OF WORK**

- 2.1. The work is to be carried at UCSSL- for the "Contract for Calibration of UCSSL Yard Measuring and Testing Instruments"
- 2.2. The list of equipment's, to be inspected and certified is placed at Annexure - I
- 2.3. Mobilization of entire Labour/workmanship (skilled/semiskilled/unskilled) required for the work in accordance with the specification's provided by UCSSL (After placement of work order) and applicable procedure shall be followed.
- 2.4. Arranging required equipment's, tools and tackles, etc. required for Testing, Calibration & certification will be under the scope of the contractor.
- 2.5. Issue of calibration certificate with NABL traceability of master equipment's.
- 2.6. Certificate of calibration shall incorporate Measurement uncertainty.
- 2.7. All master instruments/equipment's used for calibration shall bear valid calibration certificates traceable to National or International standards
- 2.8. The contractor should carry the work as per the list and validity of the equipment's prior to its expiry to be calibrated/certified with valid certificate without any break in the date.
- 2.9. The bidders are to carefully go through the calibration requirements and deviations if any shall be specifically brought out in the offer.
- 2.10. Relevant page of scope of NABL accreditation shall be submitted along with the offer for verification.





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- 2.11. Validation of all equipment's with certificate validity to be always checked and updated to UCSL through competent person accepted by the director of factories in Karnataka.
- 2.12. The scope of work includes Calibration of equipment's as per Annexure-I and issue of calibration Certificates with NABL traceability of master equipment's, UCSL - Terms and conditions in all respects.
- 2.13. Contractor should also keep a person in stand-by, for attending emergency call as per UCSL yard requirement or as the case may be.
- 2.14. Provision of required PPE and safety appliances to workmen/supervisor.

### **3. CALIBRATION STANDARD**

- 3.1. National Accreditation Board for Testing and Calibration Laboratories (NABL), Quality Council of India as applicable.

### **4. QUALIFICATION CRITERIA**

- 4.1. The bidder should have NABL accredited Lab with suitable master instruments required for the calibration of UCSL equipment's. Details of NABL accreditation and master instruments have to be submitted along with the offer.
- 4.2. The firm should have prior experience in the execution of Calibration of instruments. The firm has to submit the documents which validate the calibration experience
- 4.3. The bidder should submit an undertaking as per Annexure -II, for replacement of the instruments in case of damage/ loss due to any mismanagement/ mishandling/ transportation by the bidder, under this contract.
- 4.4. Relevant supporting documents shall be submitted by the contractors for validating the requirements as per (4.1) and (4.2) along with other tender documents.
- 4.5. 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.
- 4.6. Partially quoted bid will not be considered for further processing.

### **5. SCOPE OF UCSL**

- 5.1. Issue of Measuring and Testing Instruments from Udupi Cochin Shipyard Limited (UCSL), Udupi, Karnataka
- 5.2. Electricity and lighting shall be provided.
- 5.3. Required space for storage of materials inside the Yard, as necessary for the work

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

- 6.1. Work must be completed within 10 days of the expiration of the certificate and approved certification to be provided.







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**7. VALIDITY**

7.1. The offer shall be valid for a period of 1 Year.

**8. METHOD OF AWARDING CONTRACT**

8.1. Contract will be concluded with the Bidder qualifying to techno-Commercial conditions and emerging as L1.

8.2. Once work order is placed successful bidder should be able to start the calibration works immediately.

8.3. UCSL reserves the right to cancel the tender if required.

**9. TAXES & DUTIES**

9.1. GST shall be applicable extra on the prescribed work from 01.07.2017 onwards. You are requested to furnish the following details in the invoice/Bill.

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

**10. PAYMENT**

10.1. Payment shall be made on the actual quantity of work done, and payment will be released within 30 days from the date of submission of the bill with a calibration certificate and work completion certificate from the executing UCSL officer.

10.2. Invoice shall be submitted with necessary Work completion certificate duly certified by UCSL representative.

10.3. 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.

**11. TERMINATION & LIMITATION OF LIABILITY**

11.1. This contract may be terminated upon the occurrence of any of the following events

11.2. By agreement in writing of the parties hereto;

11.3. 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;

11.4. 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.





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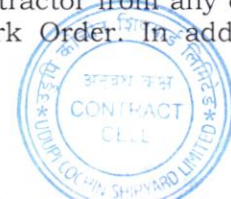
- 11.5. For fraud and corruption or other unacceptable practices.
- 11.6. Upon expiry or termination of this Contract, neither party shall be discharged from any antecedent obligations or liabilities to the other party under this Contract unless otherwise agreed in writing.
- 11.7. UCSL may by notice 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.
- 11.8. 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.

**12. ARBITRATION & JURISDICTION**

- 12.1. 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.
- 12.2. 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.
- 12.3. Seat & Venue of Arbitration: The seat & venue of arbitration shall be at Bangalore.
- 12.4. Language of Arbitration: The Language of arbitration shall be English.
- 12.5. Governing Law: The contract shall be governed by Indian Law.
- 12.6. In case of disputes, the same will be subjected to the jurisdiction of courts at Bangalore, Karnataka.

**13. SUB CONTRACTING AND ASSIGNMENT**

- 13.1. Contractor shall not assign nor transfer the Purchase Order/ Work Order nor shall any share or interest therein in any manner or degree be transferred or assigned by Contractor to a third party without prior consent in writing of UCSL.
- 13.2. 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,







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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.

#### **14.LABOUR LAWS AND REGULATIONS**

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





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- 14.9. All persons who are engaged for various works in UCSL either directly or through Agency/contractors, should produce the following documents prior to issuing their entry passes:
- 14.10. Passport/Aadhaar attested copy of passport with photo and address particulars.  
 OR  
 Police clearance certificate with photo and address particulars. (Police clearance certificate to the effect that the concerned person is staying in the area of jurisdiction of the certificate issuing Police Station and that the person is not involved in any criminal offences as per the records available therein.)
- 14.11. Application and Declaration for enrolling under Employees Provident Fund and ESI Scheme- 3 individual passport size photographs and two copies of family photographs of the members.
- 14.12. Agency shall familiarize themselves with the labour rules & regulations.

**15. SECURITY & RESTRICTION ON INFORMATION TO MEDIA**

- 15.1. The information contained in the enquiry as such shall NOT be communicated to any third party without prior approval of UCSL.
- 15.2. 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.

**16. CANCELLATION OF ORDER AND RISK CONTRACTING**

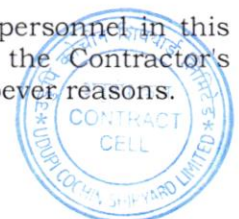
- 16.1. In the event the contractor fails to complete the work promptly and satisfactorily as per the terms of the order, and if the work is delayed beyond thirty (30) days from the agreed schedule, UCSL, without prejudice, reserves the right to cancel the order and get the work done at contractor's 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.

**17. FORCE MAJEURE**

- 17.1. 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.

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

- 18.1. The Agency 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. In this regard, the Contractor will have to fully indemnify UCSL against any claims made by his workmen/other personnel.
- 18.2. 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 Contractor's workmen/other personnel during execution of the works due to whatsoever reasons.







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18.3. 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.

**19. OVERWRITING & CORRECTIONS**

19.1. 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

**20. OTHER TERMS & CONDITIONS**

20.1. Quality of workmanship shall conform to the specification/ standards laid down by UCSL.

20.2. UCSL reserves the right to accept / reject any offer.

20.3. Damages caused to the Shipyard properties/tools/accessories should be rectified by the Contractor at his cost or proportional recoveries will be made from the contractor while passing their bills for payment.

20.4. The Agency shall have to engage workforce on round the clock basis and also on Sundays and holidays, if required.

20.5. Work has to be completed to the satisfaction of Udipi Cochin Shipyard Ltd.; Engineers deputed for the job. The job should be completed at the time specified by the supervising Engineer for each stage of work.

20.6. The Contractor 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.

20.7. It is also to be understood by the Contractor that Udipi Cochin Shipyard Limited does not bind itself to give the Contractor any regular or specific quantity or area of work and it shall be done at the sole discretion of UCSL depending on the prevailing site conditions and other limiting factors and no claim on this account from the contractor shall be entertained.

20.8. The Contractor shall also be governed by the General Conditions of Contract of UCSL, General Safety Rules and other relevant labour laws.

20.9. Assistant General Manager or his authorized representative will be the Officer-in-charge of this Contract.

**Asst. General Manager (Material & Contract Cell)**



**ಸೋನಿ ಕ್ಲೆಮೆಂಟ್ ಟಿ ಎಂ**  
**SONY CLEMENT T M**  
 ಸಹಾಯಕ ಮಹಾಪಂಚಕ/ASSISTANT GENERAL MANAGER  
 ಉಡುಪಿ ಕೊಚಿನ್ ಶಿಪಯಾರ್ಡ್ ಲಿಮಿಟೆಡ್  
 UDUPI COCHIN SHIPYARD LIMITED  
 ಮಾಲ್ಪೆ, ಕರ್ನಾಟಕ/MALPE, KARNATAKA-576 108



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### 21.PRICE BID FORMAT

Sl. No:	Instrument Name	Make	Spec	Qty	Rate	Amount
1	Vernier caliper	-	0-150mm	1 No		
2	Digital Vernier caliper		0-150mm	1 No		
3	Vernier caliper		0-300mm	1 No		
4	Vernier caliper		0-450mm	1 No		
5	Vernier caliper		0-450mm	1 No		
6	Torque wrench		50-225Nm	1 No		
7	Torque wrench		100-330 Nm	1 No		
8	Torque wrench		135-540Nm	1 No		
9	Torque wrench		1000-1900Nm	1 No		
10	Torque wrench	-	150-640 Nm	1 No		
11	Inside micrometer		50-650 mm	1 No		
12	Inside micrometer		100-200mm	1 No		
13	Bore Gauge	-	250-400mm	1 No		
14	Bore Gauge		35-60 mm	1 No		
15	External micrometer		0-100mm	1 No		
16	External micrometer		0-150mm	1 No		
17	External micrometer	-	300-400mm	1 No		
18	Digital thermometer	-	0-300° C	1 No		
19	Digital thermometer			1 No		
20	Digital thermometer			1 No		
21	Digital thermometer			1 No		
22	Digital pressure gauge	-		1No		
23	Digital pressure gauge			1No		
24	Tachometer			1No		
25	Tachometer			1No		
26	Weighing scale by crane - 5T SWL	-		1No		
27	Temperature calibrator	-		1 No		
28	Dial gauge	-	0-10mm	1No		
29	Dial gauge		0-10mm	1No		
30	Dial gauge		0-10mm	1No		
31	Dial gauge		0-10mm	1No		
32	Dial gauge		0-10mm	1No		
33	Dial gauge		0-10mm	1No		
34	Anemometer			1No		
35	MP Filter NAS monitor	-		1 No		







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Sl. No:	Instrument Name	Make	Spec	Qty	Rate	Amount
36	Pressure gauge	-	0-4.2 Bar	1 No		
37	Pressure gauge	-	0-21 Bar	1 No		
38	Pressure gauge		0-21 Bar	1 No		
39	Pressure gauge		0-21 Bar	1 No		
40	Pressure gauge		0-21 Bar	1 No		
41	Pressure gauge		0-21 Bar	1 No		
42	Pressure gauge		0-21 Bar	1 No		
43	Pressure gauge		0-70 Bar	1 No		
44	Pressure gauge	-	0-70 Bar	1 No		
45	Pressure gauge		0-7 Bar	1 No		
46	Pressure gauge		0-7 Bar	1 No		
47	Pressure gauge	-	0-7 Bar	1 No		
48	Pressure gauge	-	0-470 Bar	1 No		
49	Pressure gauge	-	0-16 Bar	1 No		
50	True RMS Multimeter	FLUKE	4-1000 V AC/DC	1 No		
51	Digital Multimeter	FLUKE	4-1000 V AC/DC	1 No		
52	Clamp Meter	FLUKE	4mA-20mA	1 No		
53	Milliamp Process clamp Meter	FLUKE	4mA-20mA	1 No		
54	Thermocouple calibrator	FLUKE	200 to 1800 C	1 No		
55	2.5 KV Insulation Tester	MECO	0-600V	1 No		
56	Decade Resistance Box	ZEAL	1Ω to1000 Ω	1 No		
57	Digital Lux Meter	HTC	HTC LX-103	1 No		
58	Torque Wrench	TORC STAR	6 nm-30nm	1 No		
59	Torque Wrench	TORC STAR	19 nm- 110nm	1 No		
60	Torque Wrench	TORC STAR	19nm- 110nm	1 No		
61	Torque Wrench	TORC STAR	8nm-30nm	1 No		
62	Oxygen Pressure Gauge	WAAREE	0-160 bar	1 No		
63	5m measuring Tape			1No		
64	5m measuring Tape			1No		
65	5m measuring Tape			1No		
66	5m measuring Tape			1No		
67	5m measuring Tape			1No		
68	3m measuring tape			1 No		
69	3m measuring tape			1 No		
70	3m measuring tape			1 No		
71	3m measuring tape			1 No		
72	3m measuring tape			1 No		





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Sl. No:	Instrument Name	Make	Spec	Qty	Rate	Amount
73	30m measuring tape			1 No		
74	Vernier Caliper		0-150mm	1 No		
75	Vernier Caliper		0-200mm	1 No		
76	100m Freeman Steel tape			1 No		
77	Otto level	Krypton		1 No		
78	Welding Gauge (Manual)			1 No		
79	Welding Gauge (Manual)			1 No		
80	Welding Gauge (Manual)			1 No		
81	Protector (Manual)			1 No		
82	Bridge cam gage			1 No		
83	Bridge cam gage			1 No		
84	Phase sequence meter	MECO	600V,40 hz to 400 hz	1 No		
85	Insulation tester	MECO	2.5 KV	1 No		
86	Multimeter	MECO	CAT III 1000Volt	1 No		
87	ELCB tester	KYORITSU	500 mA	1 No		
88	Thermometer	RAYTEK	Nil	1 No		
89	Lux meter	METRAVI	Nil	1 No		
90	Lux meter	AMPROBE	Nil	1 No		
91	Insulation tester	MECO	2.5 KV	1 No		
92	Clamp meter	Fluke	CAT III 1000Volt	1 No		
93	Clamp meter	Fluke	CAT III 1000Volt	1 No		
94	Multimeter	Fluke	CAT III 600Volt	1 No		
95	Multimeter	Fluke	CAT III 600Volt	1 No		
96	ELCB tester	KYORITSU	500 mA	1 No		
97	Vernier caliper	ABRO SPACE	20cm	1 No		
98	Flow meter	ASTER	Nil	1 No		
99					<b>Total Amount:</b>	
100					<b>GST.....%:</b>	
101					<b>Grand Total Amount:</b>	

Note: L1 will be determined based on the Total amount Sl. No: 99.



Signature:  
 Address of the contractor:  
 Date:  
 Seal:

- 21.1. Prices are to be quoted in the Pricing Format. The quotations to be submitted in the company letter head and forwarded to [contractcell@udupicsl.com](mailto:contractcell@udupicsl.com)
- 21.2. Quotations shall be submitted as Password Protected File. The bidders are advised to share the password through only SMS while opening the quotations.





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**LIST OF WORK SCOPE FOR CALIBRATION OF UCSSL YARD  
MEASURING AND TESTING INSTRUMENTS**

SL NO	Department	Instrument Name	Qty	Make	Spec
1	MACHINERY	Vernier caliper	1 No	-	0-150mm
2	MACHINERY	Digital Vernier caliper	1 No		0-150mm
3	MACHINERY	Vernier caliper	1 No		0-300mm
4	MACHINERY	Vernier caliper	1 No		0-450mm
5	MACHINERY	Vernier caliper	1 No		0-450mm
6	MACHINERY	Torque wrench	1 No		50-225Nm
7	MACHINERY	Torque wrench	1 No		100-330 Nm
8	MACHINERY	Torque wrench	1 No		135-540Nm
9	MACHINERY	Torque wrench	1 No		1000-1900Nm
10	MACHINERY	Torque wrench	1 No	-	150-640 Nm
11	MACHINERY	Inside micrometer	1 No		50-650 mm
12	MACHINERY	Inside micrometer	1 No		100-200mm
13	MACHINERY	Bore Gauge	1 No	-	250-400mm
14	MACHINERY	Bore Gauge	1 No		35-60 mm
15	MACHINERY	External micrometer	1 No		0-100mm
16	MACHINERY	External micrometer	1 No		0-150mm
17	MACHINERY	External micrometer	1 No	-	300-400mm
18	MACHINERY	Digital thermometer	1 No	-	0-300° C
19	MACHINERY	Digital thermometer	1 No		
20	MACHINERY	Digital thermometer	1 No		
21	MACHINERY	Digital thermometer	1 No		
22	MACHINERY	Digital pressure gauge	1No	-	
23	MACHINERY	Digital pressure gauge	1No		
24	MACHINERY	Tachometer	1No		
25	MACHINERY	Tachometer	1No		





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SL NO	Department	Instrument Name	Qty	Make	Spec
25	MACHINERY	Tachometer	1No		
26	MACHINERY	Weighing scale by crane - 5T SWL	1No	-	
27	MACHINERY	Temperature calibrator	1 No	-	
28	MACHINERY	Dial gauge	1No	-	0-10mm
29	MACHINERY	Dial gauge	1No		0-10mm
30	MACHINERY	Dial gauge	1No		0-10mm
31	MACHINERY	Dial gauge	1No		0-10mm
32	MACHINERY	Dial gauge	1No		0-10mm
33	MACHINERY	Dial gauge	1No		0-10mm
34	MACHINERY	Anemometer	1No		
35	PIPE	MP Filter NAS monitor	1 No	-	
36	PIPE	Pressure gauge	1 No	-	0-4.2 Bar
37	PIPE	Pressure gauge	1 No	-	0-21 Bar
38	PIPE	Pressure gauge	1 No		0-21 Bar
39	PIPE	Pressure gauge	1 No		0-21 Bar
40	PIPE	Pressure gauge	1 No		0-21 Bar
41	PIPE	Pressure gauge	1 No		0-21 Bar
42	PIPE	Pressure gauge	1 No		0-21 Bar
43	PIPE	Pressure gauge	1 No		0-70 Bar
44	PIPE	Pressure gauge	1 No	-	0-70 Bar
45	PIPE	Pressure gauge	1 No		0-7 Bar
46	PIPE	Pressure gauge	1 No		0-7 Bar
47	PIPE	Pressure gauge	1 No	-	0-7 Bar
48	PIPE	Pressure gauge	1 No	-	0-470 Bar
49	PIPE	Pressure gauge	1 No	-	0-16 Bar
50	Electrical	True RMS Multimeter	1 No	FLUKE	4-1000 V AC/DC
51	Electrical	Digital Multimeter	1 No	FLUKE	4-1000 V AC/DC







**Udupi Cochin Shipyard Limited**  
**Contract For Calibration of UCSSL Yard Measuring and Testing Instruments.**  
**UCSL/CC/T/GEN/266 Dt 25<sup>TH</sup> JUNE 2024**

SL NO	Department	Instrument Name	Qty	Make	Spec
52	Electrical	Clamp Meter	1 No	FLUKE	4mA-20mA
53	Electrical	Milliamp Process clamp Meter	1 No	FLUKE	4mA-20mA
54	Electrical	Thermocouple calibrator	1 No	FLUKE	200 to 1800 C
55	Electrical	2.5 KV Insulation Tester	1 No	MECO	0-600V
56	Electrical	Decade Resistance Box	1 No	ZEAL	1Ω to 1000 Ω
57	Electrical	Digital Lux Meter	1 No	HTC	HTC LX-103
58	Electrical	Torque Wrench	1 No	TORC STAR	6 nm-30nm
59	Electrical	Torque Wrench	1 No	TORC STAR	19 nm-110nm
60	Electrical	Torque Wrench	1 No	TORC STAR	19nm-110nm
61	Electrical	Torque Wrench	1 No	TORC STAR	8nm-30nm
62	Hull	Oxygen Pressure Gauge	1 No	WAAREE	0-160 bar
63	Hull	5m measuring Tape	1No		
64	Hull	5m measuring Tape	1No		
65	Hull	5m measuring Tape	1No		
66	Hull	5m measuring Tape	1No		
67	Hull	5m measuring Tape	1No		
68	Hull	3m measuring tape	1 No		
69	Hull	3m measuring tape	1 No		
70	Hull	3m measuring tape	1 No		
71	Hull	3m measuring tape	1 No		
72	Hull	3m measuring tape	1 No		
73	Hull	30m measuring tape	1 No		
74	Hull	Vernier Caliper	1 No		0-150mm
75	Hull	Vernier Caliper	1 No		0-200mm
76	Hull	100m Freeman Steel tape	1 No		
77	Hull	Otto level	1 No	Krypton	
78	Hull	Welding Gauge (Manual)	1 No		
79	Hull	Welding Gauge (Manual)	1 No		
80	Hull	Welding Gauge (Manual)	1 No		





**Udupi Cochin Shipyard Limited**  
**Contract For Calibration of UCSL Yard Measuring and Testing Instruments.**  
**UCSL/CC/T/GEN/266 Dt 25<sup>TH</sup> JUNE 2024**

SL NO	Department	Instrument Name	Qty	Make	Spec
81	Hull	Protector (Manual)	1 No		
82	Hull	Bridge cam gage	1 No		
83	Hull	Bridge cam gage	1 No		
84	U & M	Phase sequence meter	1 No	MECO	600V,40 hz to 400 hz
85	U & M	Insulation tester	1 No	MECO	2.5 KV
86	U & M	Multimeter	1 No	MECO	CAT III 1000Volt
87	U & M	ELCB tester	1 No	KYORITSU	500 mA
88	U & M	Thermometer	1 No	RAYTEK	Nil
89	U & M	Lux meter	1 No	METRAVI	Nil
90	U & M	Lux meter	1 No	AMPROBE	Nil
91	U & M	Insulation tester	1 No	MECO	2.5 KV
92	U & M	Clamp meter	1 No	Fluke	CAT III 1000Volt
93	U & M	Clamp meter	1 No	Fluke	CAT III 1000Volt
94	U & M	Multimeter	1 No	Fluke	CAT III 600Volt
95	U & M	Multimeter	1 No	Fluke	CAT III 600Volt
96	U & M	ELCB tester	1 No	KYORITSU	500 mA
97	U & M	Vernier caliper	1 No	ABRO SPACE	20cm
98	U & M	Flow meter	1 No	ASTER	Nil







Udupi Cochin Shipyard Limited  
Contract For Calibration of UCSL Yard Measuring and Testing Instruments.  
UCSL/CC/T/GEN/266 Dt 25<sup>TH</sup> JUNE 2024

**UNDERTAKING**

TO  
UDUPI COCHIN SHIPYARD LTD  
(GOVT. OF INDIA ENTERPRISE)  
Malpe, Udupi-576108  
Karnataka, India

Gentlemen:

In accordance with the Conditions of Contract No. ....  
Date..... (here in after called the  
Contract) for the Calibration of UCSL Yard Measuring and Testing Instruments,  
M/s.....  
(Name and address of Contractor)(herein after called the Contractor) hereby confirm  
with UDUPI COCHIN SHIPYARD LTD, UDUPI, (herein after called 'UCSL') A Bond to  
assure UCSL under the contract, for replacement of the instruments in case of  
damage/loss due to mishandling by the contractor, in consideration of UCSL,  
handing over items for calibration to the contractor

NOWTHEREFORE we ..... (Name of  
the contractor) having registered office at .....  
..... (Address of the Registered Office)  
and acting through its branch office at ..... (Address of the  
executing branch if any), agree unconditionally and irrevocably to assure UCSL on its  
first demand without whatsoever right of objection on our part on replacement of the  
instruments in case of damage/loss due to our mishandling.

We, the Contractor, further agree that no change or addition to or other modification  
of the terms of the Contract or of Works to be performed there under or of any of the  
Contract documents which may be made between UDUPI COCHIN SHIPYARD LTD,  
UDUPI and us shall in any way release us from any liability under this undertaking,  
and we hereby waive notice of any such change, addition or modification.

The guarantee shall remain valid and in full effect from the date of the receipt of  
instruments under Contract until UDUPI COCHIN SHIPYARD LTD, UDUPI receives  
back all the instruments from the Contractor under the said contract.

We are liable to this undertaking only under the above terms if you serve upon us a  
written claim or demand on or before ..... (date).

Signature & Company's Common seal

Name of Contractor.....  
Address .....  
.....Date.....

