

कोचीन शिपयार्ड लिमिटेड/COCHIN SHIPYARD LIMITED
कोच्ची/COCHIN - 682 015

पोत निर्माण प्रभाग/SHIP BUILDING DIVISION

आउटसोर्सिंग विभाग
OUTSOURCING DEPARTMENT



निविदा दस्तावेज़/TENDER DOCUMENT

TENDER NO. SB-OSD/GEN/873/2024 Dtd : 29-06-2024

**CALIBRATION OF TORQUE WRENCHES &
MEASURING INSTRUMENTS**



JUNE 2024

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निविदा सूचना / TENDER NOTICE
कोचीन शिपयार्ड लिमिटेड / COCHIN SHIPYARD LIMITED

पोत निर्माण प्रभाग / SHIP BUILDING DIVISION

आउटसोर्सिंग विभाग
OUTSOURCING DEPARTMENT

SB-OSD/GEN/873/2024

29th JUNE - 2024

निविदा सूचना / TENDER NOTICE

संक्षिप्त विवरण / BRIEF DETAILS:

निविदा जांच संख्या और तारीख Tender enquiry No. and date	SB-OSD/GEN/873/2024 Dtd 29-06-2024
कार्य का नाम Name of work	CALIBRATION OF TORQUE WRENCHES & MEASURING INSTRUMENTS
निविदाएं प्राप्त करने की अंतिम तिथि और समय Last date & time of receipt of Tenders (भाग/Part I – तकनीकी-वाणिज्यिक बोली और भाग - II मूल्य बोली/ Techno-Commercial Bid & Part II-Price Bid)	16 th July - 2024 at 15.00 Hrs IST
पूर्व बोली बैठक की तारीख Date of Pre bid meeting	NA
भाग I (तकनीकी-वाणिज्यिक) बोली खोलने की तिथि और समय Date & time of opening of Part I (Techno – Commercial) Bid	16 th July - 2024 at 15.30 Hrs IST
संपर्क व्यक्ति Contact Person	<i>For Commercial queries:</i> Mr. Adarsh S, Mob No: 87146 30926, AM(Outsourcing) <i>For Technical queries:</i> Mr. Bhagya Raj P.B, Mob. No: 8138901959, M (S&C)

नोट: इस निविदा के खिलाफ उद्धृत करने से पहले, संभावित बोलीदाता से अनुरोध है कि वे निविदा जांच दस्तावेज़ (और अनुलग्नक, यदि कोई हो) को पूरी तरह से और सावधानी से पढ़ लें। निविदा के नियमों और शर्तों में विचलन अत्यधिक हतोत्साहित किया जाता है। इसलिए, निर्धारित किसी भी नियम और शर्तों, योग्यता मानदंड, ईएमडी जमा करने से छूट के लिए पात्रता, दस्तावेज़ीकरण/प्रक्रियात्मक आवश्यकताओं आदि के संबंध में स्पष्टीकरण, यदि कोई हो, के संबंध में उत्पन्न होने वाले किसी भी संदेह को संभावित बोलीदाता द्वारा बोली जमा करने से पहले निरपवाद रूप से उपरोक्त सूचित व्यक्तियों के माध्यम से अनिवार्य रूप से स्पष्ट किया जाएगा।

Note: Before quoting against this Tender, the prospective bidder is requested to go through the Tender Enquiry document (& Annexes, if any) thoroughly & carefully. Deviations to the Terms & Conditions of the Tender are highly discouraged. Therefore, any doubts arising in respect of any of the Terms & Conditions stipulated, Qualification Criteria, Eligibility for exemption from submission of EMD, clarification if any w.r.t. Documentation / Procedural requirements, etc. shall get clarified by the prospective bidder through above noted contact persons invariably before the submission of the Bid.

1. कोचीन शिपयार्ड लिमिटेड, एक प्रमुख पोत निर्माण और पोत मरम्मत उद्योग और वैश्विक पोत निर्माण के मोर्चे पर विख्यात, इच्छुक, प्रतिष्ठित, संसाधन संपन्न और वित्तीय रूप से सक्षम कंपनियों/ठिकेदारों को एकल चरण दो भाग बोलियों को प्रस्तुत करने हेतु आमंत्रित करता है।

Cochin shipyard Limited, a leading Ship Building & ship repair industry and also well known player on the global ship building front, invites interested, reputed, resourceful and financially solvent firms/contractors to submit single stage two part bids.

2. निर्धारित प्रपत्र में मुहरबंद प्रतिस्पर्धी निविदाएं निविदा जांच के अनुलग्नक में उल्लिखित नियम और शर्तों के अनुसार होनी चाहिए।

The Sealed competitive tenders in the prescribed form should be as per the terms and conditions as mentioned in the annexure to tender enquiry.

3. निविदाएं दो बोली प्रणाली में प्रस्तुत की जानी हैं; भाग I: तकनीकी वाणिज्यिक बोली और भाग II: सॉफ्ट कॉपी के रूप में मूल्य बोली और निर्धारित तिथि और समय पर या उससे पहले अधोहस्ताक्षरी के पास पहुंच जानी चाहिए:

The tenders are to be submitted in two bid system; **Part I : Techno Commercial Bid** and **Part II : Price Bid** as Soft copy and should reach the undersigned on or before the date and time as stipulated:

4. MODE OF SUBMISSION OF BIDS

- a. निविदा केवल ई-मेल के माध्यम से सॉफ्ट कॉपी में प्रस्तुत की जानी चाहिए। सीएसएल किसी अन्य प्रकार की निविदा स्वीकार नहीं करेगा।

Tender should be submitted in soft copy via E-mail only. CSL will not accept any other mode of tender.

- b. ई-मेल के विषय में स्पष्ट रूप से निविदा पृष्ठताद्व संख्या और जमा करने की देय तिथि का उल्लेख होना चाहिए। मूल्य बोलियों को पासवर्ड से सुरक्षित किया जाना चाहिए और जब तक मांगा नहीं जाता तब तक पासवर्ड अग्रेषित नहीं किया जाना चाहिए।

The subject of the E mail should clearly state the tender enquiry number and due date of submission. Price Bids are to be password protected and password is not to be forwarded unless asked for.

- c. निविदा दस्तावेज़ पीडीएफ प्रारूप में प्रस्तुत किया जाना चाहिए और पीडीएफ प्रारूप से सीधे खोला जा सकता है। उपरोक्त का अनुपालन न करने वाले प्रस्तावों को बिना किसी सूचना के सरसरी तौर पर खारिज कर दिया जाएगा। Tender Documents should be submitted in PDF Format and Directly openable from the PDF format. Offers not complying with the above shall be summarily rejected without further intimation.

- d. निविदाएं, तकनीकी - वाणिज्यिक बोली (भाग-I) और मूल्य बोली (भाग-II) अलग से ई-मेल के माध्यम से **“SB-OSD/GEN/873/2024”** विषय के साथ प्रस्तुत की जाएगी।

Tenders, Techno- commercial bid (Part-I) and Price bid(Part -II) shall be submitted separately via email , with subject as **“ SB-OSD/GEN/873/2024”** to:

- (i) ashtal.antony@cochinshipyard.in

- (ii) adarsh.s@cochinshipyard.in

प्रतिलिपि / Copy to:

- (ii) madhu.pk@cochinshipyard.in

- (iii) philip.thomas@cochinshipyard.in

5. बोलियां दिनांक 16 जुलाई - 2024 को अपराह्न 15.00 बजे या उससे पहले कोचीन शिपयार्ड लिमिटेड में प्राप्त की जाएंगी और भाग I तकनीकी - वाणिज्यिक बोली उसी दिन अपराह्न 15.30 बजे खोली जाएगी।

The Bids shall be received at Cochin Shipyard Ltd on or before 15.00 Hrs on 16th July - 2024 and Part I Techno-Commercial Bid will be opened at **15.30 Hrs** on the same day.

6. देर से आनेवाली निविदाएं/शर्तों वाली निविदाएं सरसरी तौर पर खारिज कर दी जाएंगी।

Late tenders / tenders with conditions will be summarily rejected.

7. सीएसएल ई-मेल द्वारा भेजी गई निविदाओं के विलंब, खो जाने या प्राप्त न होने की कोई ज़िम्मेदारी नहीं लेगा।

CSL takes no responsibility for delay, loss or non-receipt of tenders sent by e-mail.

8. मूल्य बोली खोलने के लिए केवल तकनीकी रूप से योग्य बोलियों पर विचार किया जाएगा। तकनीकी पहलुओं और वाणिज्यिक शर्तों दोनों के लिए बोलियों का मूल्यांकन करने के बाद, तकनीकी-व्यावसायिक रूप से योग्य बोलीदाताओं को भाग-II

Only technically qualified bids will be considered for price bid opening. After evaluating the bids for both technical aspects and commercial terms, the techno-commercially qualified bidders will be intimated regarding the date and time of opening of Part II - Price Bid.

9. केवल तकनीकी - वाणिज्यिक बोली खोलने को अनुबंध देने के लिए प्रस्ताव की स्वीकृति के रूप में नहीं माना जा सकता है।

Merely opening of Techno-Commercial Bid cannot be construed as acceptance of offer for awarding of contract.

10. भाग I (तकनीकी-वाणिज्यिक) बोली के साथ निम्नलिखित प्रस्तुत किया जाएगा:

The following shall be submitted along with Part I (Techno-commercial) Bid:-

- i. अनुलग्नक I, II, III, IV, V,VI और परिशिष्ट –A & B में रखे गए पृष्ठताछ के नियम और शर्तें, समान्य शर्तें, तकनीकी विनिर्देश और आरेखण सहित सभी पृष्ठों पर विधिवत हस्ताक्षरित मूल निविदा दस्तावेज़।

Original tender document duly signed on all pages - including Terms & conditions of enquiry, general conditions, technical specification and Equipments list placed at Annexure I, II, III, IV, V,VI & Appendix- A & B

- ii. अनुलग्नक IV में तकनीकी वाणिज्यिक जांच सूची पूरी तरह से भरी हुई है और विधिवत हस्ताक्षरित है। विधिवत भरी हुई तकनीकी वाणिज्यिक जांच सूची प्रस्तुत न करने पर बोलियों को अस्वीकार कर दिया जाएगा।

The techno commercial Check List at Annexure IV filled up completely and duly signed. The non submission of duly filled techno commercial checklist will lead to the rejection of the bids.

- iii. गैर-मूल्य बोली प्रारूप की प्रतिलिपि (कीमत/अंकों के बिना मूल्य बोली)।

Copy of un-priced bid format (price bid WITHOUT prices/numerals)

- iv. निविदा पृष्ठताछ नियम और शर्तों से विचलन/बहिष्करण की सूची (यदि कोई हो)।

List of deviations/exclusions from the tender enquiry terms and conditions (if any).

11. एमएसएमई - विशेषाधिकार / MSME- PRIVILEGES

सीएसएल वेबसाइट (www.cochinshipyard.in) के अनुसार एमएसएमई, स्टार्ट-अप आदि से संबंधित भारत सरकार की सार्वजनिक खरीद नीति पहल इस निविदा के लिए लागू होगी।

Public procurement policy initiatives of Govt. of India, pertaining to MSME's, Start-up etc. as per CSL website (www.cochinshipyard.in) shall be applicable for this tender.

12. कोचीन शिपयार्ड लिमिटेड (सीएसएल) ने ट्रेड्स पोर्टल अर्थात आरएक्सआईएल, एम1 एक्सचेंज और इनवॉयस मार्ट में पंजीकरण कराया है। वे विक्रेता जिन्होंने ट्रेड्स पोर्टल में पंजीकरण कराया है, वे ट्रेड्स पोर्टल के ज़रिए भुगतान को संसाधित करने के लिए संबंधित निष्पादन अधिकारी को सूचना के तहत संबंधित पोर्टल में चालान अपलोड कर सकते हैं। आपूर्तिकर्ताओं से अनुरोध है कि ट्रेड्स पोर्टल में चालान अपलोड करने से पहले, जहां भी लागू हो, गुणवत्ता निरीक्षण स्थिति के संबंध में संबंधित निष्पादन अधिकारी से जांच करें।

Cochin Shipyard Limited (CSL) has registered in the TReDS Portal viz., **RXIL, M1xchange and Invoice Mart**. Those vendors who have registered in the TReDS portal may upload the invoice in the respective portal under an intimation to concerned executing officer for processing the payment through TReDS portal. Suppliers are requested to check with the concerned executing officer regarding the Quality inspection status, where ever applicable, before uploading the invoices in TReDS portal.

13. सीएसएल के पास पूरा ऑर्डर देने या ऑर्डर की मात्रा का कुछ हिस्सा देने या काम को दो या दो से अधिक फर्मों/उपठेकेदारों में विभाजित करने या किसी भी निविदा को स्वीकार या अस्वीकार करने, या निविदा खोलने की तारीख बढ़ाने, और या कुल निविदा प्रक्रिया को रद्द करने और सभी को अस्वीकार करने का अधिकार सुरक्षित है। अनुबंध प्रदान करने से पहले किसी भी समय निविदाएं। सीएसएल प्रभावित फर्म(फर्मों) के प्रति कोई दायित्व नहीं निभाएगा, सीएसएल की कार्रवाई के आधार के बारे में प्रभावित फर्म(फर्मों) को सूचित करने का कोई दायित्व नहीं होगा। बोलीदाताओं से अनुरोध है कि वे नोट करें और तदनुसार बोली लगाएं।

CSL reserves the right to place order whole or part of order quantity or split the work on two or more firms/subcontractors or to accept or reject any tender, or extend the tender opening date, and or to cancel the total tender process and reject all tenders at any time prior to award of the contract. CSL will not incur any liability to the affected firm(s), any obligation to inform the affected firm(s) of the grounds for CSL's action. Bidders are requested to note and quote accordingly.

TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches & Measuring Instruments

14. मुख्य महाप्रबंधक, पोत निर्माण प्रभाग, कोचीन शिपयार्ड लिमिटेड, निविदा या उसके हिस्से को स्वीकार करने हेतु अधिकृत व्यक्ति है, जो न्यूनतम निविदा को स्वीकार करने हेतु स्वयं को बाध्य नहीं करता है और बिना कोई कारण बताए प्राप्त किसी या सभी निविदाओं को अस्वीकार करने का अधिकार सुरक्षित रखता है।

Chief General Manager, Ship Building Division, Cochin Shipyard Limited, is the authorized person to accept the tender or part thereof, who does not bind himself to accept the lowest tender and reserves the authority to reject any or all of the tenders received without assigning any reason.



कृते उप महाप्रबंधक / For Deputy General Manager
आउटसोर्सिंग विभाग / Outsourcing Department

ANNEXURE I

जांच की नियम और शर्तें / TERMS & CONDITIONS OF ENQUIRY

**CALIBRATION OF TORQUE WRENCHES &
MEASURING INSTRUMENTS**

1. कार्य का विवरण / DESCRIPTION OF WORK

- 1.1. This tender enquiry pertains to the awarding of contract for Calibration of Torque Wrenches & Measuring Instruments as per the following documents:
- 1.2. Cochin Shipyard Ltd - Terms and conditions (Annexure I)
- 1.3. Cochin Shipyard Ltd - General conditions (Annexure II)
- 1.4. Enquiry specification (Annexure III)
- 1.5. The scope of work includes Calibration of Torque Wrenches & Measuring Instruments as per Appendix-A and settings/correction of instruments if required and issue of calibration Certificates with NABL traceability of master equipment's, CSL - Terms and conditions in all respects.
- 1.6. Bidders are requested to study the scope of work before submitting their offer. Clarification, if any, required may be obtained from **M (S&C)** before quoting.

2. चिक्रेताओं के लिए पात्रता मानदंड / QUALIFICATION CRITERIA FOR VENDORS

The Bidder should qualify the following PQ Criteria:

2.1. GENERAL

- 2.1.1. Bidder shall be a single firm.
- 2.1.2. 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 CSL or by any of the Public Sector Undertaking or Government department etc. The declaration of eligibility at Annexure VI shall be submitted in this regard.
- 2.1.3. All the qualifying documents indicated in the tender shall be strictly in the name of bidding firm. Qualifying documents submitted in the name of any other than bidding firm will not be considered for bidding firm's qualification.

2.2. TECHNICAL EXPERIENCE

Technical pre-qualification requirement is given below:

- 2.2.1. The firm should have NABL accredited Lab with suitable master instruments required for the calibration of CSL equipment's. Details of NABL accreditation and master instruments have to be submitted along with the offer.
- 2.2.2. The firm should have prior experience in the execution of Calibration of Torque Wrenches & measuring instruments as per Appendix - A. The firm has to submit the documents which validate the calibration experience.
- 2.2.3. The bidder should submit an undertaking as per Appendix- B, for replacement of the instruments in case of damage/ loss due to any mismanagement/ mishandling/ transportation by the bidder, under this contract.
- 2.2.4. 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 2.2.1 and 2.2.3 requirements. Work order for material supply will not be considered.
- 2.2.5. The similar works experience of parent company / subsidiary / Sister Company of the Bidder shall not be considered.
- 2.2.6. CSL reserves the right to demand hardcopies of any of the above documents and any other related documents, if required. Bidders shall comply with the same.

2.3. OTHER CONDITIONS

- 2.3.1. The bidding firm shall have key personnel having single point of contact with contract details. He/she shall have adequate and specialized experience capable of discharging their responsibilities.
- 2.3.2. The bidding firm should have valid PAN and GSTIN and details of PAN / GST Registration Number and current valid Tax Clearance Certificate shall be submitted along with the offer.
- 2.3.3. Bidder should submit duly signed compliance matrix placed at Appendix – A for technical deviation/queries if any along with the offer.
- 2.3.4. If required, the documents / certificates submitted by bidder will be verified with source directly by CSL. Misleading or false representations in the forms, statements and attachments submitted in proof of eligibility requirements will result in summarily rejection / disqualification of the submitted offer at any point of time

whatever may be the status of the process. Also, the firm will not be considered for further tendering for a period of three (3) years henceforth.

2.3.5. The Bidder should furnish the required work-specific information and satisfactory documentary evidence such as copy of work order / agreement and a certificate from the employer for satisfactory completion of work or any other relevant document indicating completion of work shall be submitted to CSL in support of its claim of experience.

2.3.6. RIGHT TO VERIFICATION: CSL has the right to verify the authenticity of bidder/ documents submitted by them and/or inspect the facilities if felt necessary. Based on this CSL reserves the right to accept and reject any and all bids, which in its opinion, appears to be most advantageous to CSL.

3. प्रस्ताव की वैधता / VALIDITY OF OFFER

3.1. The offer shall be valid for acceptance for a period of 90 days from the date of opening of the Part-I Techno-Commercial Bid.

4. अनुबंध प्रदान करने का तरीका / METHOD OF AWARDING CONTRACT

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

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

4.3. CSL reserves right to reduce/ increase the percentage work or cancel the work order based on the performance of work undertaking firms at site.

4.4. CSL reserves the right to cancel the tender at any stage without assigning any reasons whatsoever based on CSL requirement. The decision of CSL regarding the same shall be final and conclusive.

5. कार्य की प्रगति तथा समापन की समय - सारणी / WORK PROGRESS AND SCHEDULE OF COMPLETION

5.1. Calibration of all the equipment shall be completed within 20 days from the date of issuance of item against returnable gate pass of CSL.

6. अनुबंध की वैधता / VALIDITY OF CONTRACT

6.1. Once the contract is awarded, the price offered and mutually agreed shall remain firm (Contract concluded price as per Annex-V) till completion of work and no escalation in rate shall be allowed by CSL on whatsoever reason thereafter.

7. बोलियां जमा करने के लिए दिशानिर्देश / GUIDELINES FOR SUBMISSION OF BIDS

7.1. Technical Bid (Part –I)

7.1.1. The technical bid as specified in the scope of work (Annexure III) shall be submitted in E-mail.

7.1.2. The following shall be submitted along with technical Bid, failing which the bid may be summarily rejected :-

7.1.3. Original tender document general Terms & conditions and technical specifications placed at Annexure I, II & III duly signed on all pages.

7.1.4. The commercial Check List at Annexure IV filled up completely and duly signed

7.1.5. Copy of un-priced bid format of each category of works at Annexure V.

7.1.6. The declaration of eligibility at Annexure VII

7.1.7. All other documents relevant to this tender.

7.2. The non-submission of duly filled commercial checklist will lead to the rejection of the bids.

7.3. Price Bid (Part-II)

7.3.1. The bid shall be comprehensive of the nature of Calibration of Torque Wrenches & Measuring Instruments shall be inclusive for all the applicable charges envisaged under the scope of the contractor as specified in the technical specification Annexure III.

7.3.2. Bidders shall quote total amount in figures and in words. Corrections and additions if any must be attested/ duly signed by the bidder. In the case of error in multiplication/addition in amount calculated, the rate quoted will be considered as correct and the amount will be calculated accordingly. Conditional rebates & discounts, incomplete/ ambiguous offer will be rejected.

7.3.3. The price bid shall be all inclusive of scope of contractor on lump sum basis and any rates on variable basis will not be accepted within the price bid and thereafter throughout the period of the contract. Any variable rates if deemed inevitable and

applicable only in special cases/situations (not in the normal course of execution of contract) will only be considered for mutual agreement.

- 7.3.4. Price Bid Format: The price bids shall be prepared as per the format given in Annexure V to the enquiry. The bidder must quote all line items as per price bid format any failure in this regard will lead to the rejection of bid.
- 7.3.5. Rates of individual line items for the overall L1 is considered as L1 rate irrespective of lower rates in case of the line items of other bidders.
- 7.3.6. Currency: The price bids shall be prepared in Indian National Rupees for all bidders.
- 7.3.7. As per tender condition, the price bid which were not opened will not be returned back at any reason.
- 7.3.8. The bids which are not conforming above requirements shall be summarily rejected without any further notice.

8. असामान्य रूप से कम उद्धृत दरें / ABNORMALLY LOW QUOTED RATES:

In case the price of L-1 Bidder is found to be unreasonably low and/ or bidder expresses desire to withdraw from the tender after opening of price bid, then tender will be cancelled and suitable penal action as per CSL procedure shall be taken against the firm.

9. कर / TAXES

- 9.1. GST shall be applicable extra on the prescribed work. Bidders should indicate the applicable GST percentage and HSN code of the category in the offer. Bidders are also requested to furnish the following details in the invoice/Bill.
- 9.2. Applicable rate of GST/SAC Code
- 9.3. Firms GST Reg. NO
- 9.4. Service accounting code (SAC) as prescribed by statutory authorities.
- 9.5. GST Reg. No. of Cochin Shipyard Ltd (32AAACC6905B1ZD).
- 9.6. Any new tax/duty that may be made effective by the government for this work and paid by the contractor shall be reimbursed on production of documentary evidence.

10. भुगतान की शर्तें / PAYMENT TERMS

- 10.1. Payment will be made on 100% satisfactory completion of works on certification by the officer-in-charge.
- 10.2. All claims for payment for the work/additional work shall be submitted by the sub-contractor within one month of completion of work.
- 10.3. An invoice upload facility by vendor is established through the Vendor Invoice Management (VIM) Portal is currently available for supply as well as service vendors including subcontractors so as to facilitate transparency and timely payment. The portal can be accessed at: <https://apps.cochinshipyard.in:446/vim/Home.jsp>
- 10.4. The same can also be accessed via Cochin Shipyard Website (<https://cochinshipyard.in>) as below;
- 10.5. Path: Cochin Shipyard Website --> Related Links --> Vendor Payment Info
- 10.6. All invoices above 10 Lakhs (including GST) are required to be digitally signed by the vendors and uploaded in VIM portal. The direct submission of invoices value above 10 Lakhs will not be accepted. Once the invoices are digitally signed and uploaded, there is no need to submit the hard copy for processing the payment.
- 10.7. Service Acknowledge Number (SAN) to be obtained from the Executing Officer at the time of certification of Work Completion Certificate (WCC) for the above process.
- 10.8. The invoice can be tracked using the generated Invoice Tracking Number till the payment.
- 10.9. Payment will be made by RTGS/NEFT to the account of contractor. The name of the bank, branch, A/C No., IFSC code & other particulars shall be furnished by the contractor in the proforma of CSL.

11. परिसमापन हर्जाना / LIQUIDATED DAMAGES

- 11.1. Liquidated damages for delays in execution of the work envisaged as per this order, for any reason other than force majeure conditions, will be recovered at the rate of 1% of the basic value of the delayed work per week or part thereof, subject to a maximum of ten (10) percent of the basic value of the delayed work.

12. प्रतिभूति जमा / SECURITY DEPOSIT/PBG

12.1. The successful tenderer shall remit 5 % of the value of the contract as security deposit/PBG within 15 days of receipt of the work order. This amount has to be remitted by way of demand draft or bank guarantee (in approved proforma of CSL) from any of the nationalized banks/ Scheduled Indian Bank, valid till the satisfactory completion of the entire work. The Security Deposit/PBG will be released after satisfactory completion of the contract. The Security Deposit/PBG will not bear any interest.

13. परिसमापन क्षतिपूर्ति / LIQUIDATED DAMAGES

13.1. The progress of work will be monitored against the mutually agreed detailed schedule referred in clause. Liquidated damages for delays in execution of the work envisaged as per this order, for any reason other than force majeure conditions, will be recovered at the rate of two percent (2%) of the total contract value or part thereof, subject to a maximum of ten (10) percent of the total contract value.

14. आदेश रद्द करना और जोखिम अनुबंध / CANCELLATION OF ORDER AND RISK CONTRACTING

14.1. 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 the agreed schedule, CSL, 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.

14.2. In addition to above tender holiday will be imposed against the firm as per discretion of CSL.

15. कार्मिकों की सुरक्षा और प्राथमिक चिकित्सा/SAFETY OF PERSONNEL AND FIRST AID

15.1. 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.

15.2. The Contractor may arrange to suitably insure all his workmen/ other personnel in this regard. CSL 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.

15.3. In this regard, the Contractor will have to fully indemnify CSL against any claims made by his workmen/other personnel.

15.4. The Contractor 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 labour for executing the works.

16. अप्रत्याशित घटना / FORCE MAJEURE

16.1. 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 Govt. or any inevitable or unforeseen event beyond human control which will be construed as a reasonable ground for extension of time, CSL may allow such additional time as is mutually agreed to be justified by the circumstances of the case.

16.2. The occurrence / cessation of force majeure situation have to be informed with documentary evidence within 15days from the date of occurrence / cessation.

17. मध्यस्थता / ARBITRATION

17.1. Any disputes arising during the currency 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 the parties can resort to arbitration.

17.2. 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 officer 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

TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches & Measuring Instruments

unless the award provides otherwise. The enforcement of the award shall be governed by the rules and procedures in force in the State in which it is to be executed. 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.

17.3. In case of disputes, the same will be subjected to the jurisdiction of courts at Ernakulam, Kerala, India only.

18. क्षेत्राधिकार / JURISDICTION

18.1. All questions, disputes or differences arising under/out of or in connection with this contract shall be subject to the jurisdiction of the Courts in Cochin.

19. अधिलेखन और सुधार / 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.)

19.2. All terms and conditions, other than those mentioned above, contained in the Enquiry specification and drawings (Annexure I), Cochin Shipyard Ltd - General Terms and conditions (Annexure II) and other annexure pertaining to this tender shall also be attested by the bidder as a token of acceptance.

19.3. CSL reserves the right to reject any or all bids without assigning any reasons whatsoever and or based on the past unsatisfactory performance by the bidders at CSL/other PSE's/Government Departments. After issuing the work order, CSL reserves the right to terminate the contractor if the performance of the contractor is not found satisfactory. The decision of CSL regarding the same shall be final and conclusive.



कृते उप महाप्रबंधक / For Deputy General Manager
आउटसोर्सिंग विभाग / Outsourcing Department

ANNEXURE-II

कोचीन शिपयार्ड लिमिटेड / COCHIN SHIPYARD LIMITED
कोच्ची / KOCHI-682015

आउटसोर्सिंग विभाग / OUTSOURCING DEPARTMENT

सामान्य शर्ते / GENERAL CONDITIONS

1. The complete work to be carried out with the highest degree of workmanship and under the inspection of CSL. or any other agency nominated by the Shipyard, if required.
2. The contractor shall be responsible for any damage caused to the material supplied by CSL. Compensation with penalty for damage or loss of the item will be recovered from the Contractor, in the event of loss or damage.
3. Any particulars/literature/information/certificates required by the Shipyard in connection with the work is to be forwarded free of cost.
4. All correspondence with the Shipyard to be in English language. All the documents and plans to be in English and in metric units.



कृते उप महाप्रबंधक / For Deputy General Manager
आउटसोर्सिंग विभाग / Outsourcing Department

ANNEXURE III

कार्य क्षेत्र / SCOPE OF WORK

CALIBRATION OF TORQUE WRENCHES & MEASURING INSTRUMENTS

1 INTRODUCTION

Cochin shipyard Ltd (yard) intends to outsource the Calibration of Torque Wrenches as detailed below to competent subcontractors.

2 SCOPE OF WORK

The work shall be carried out based on the contract specification, NABL standards, CSL mentioned standards and equipment manuals. The scope of contractor involves Calibration of Torque Wrenches as per Appendix-A and settings/correction of instruments if required and issue of calibration Certificates with NABL traceability of master equipments.

- a) Calibration of Torque Wrenches & Measuring equipments as per Appendix-A.
- b) Configuration/settings/corrections of equipments if required prior/post calibration.
- c) Issue of calibration certificate with NABL traceability of master equipments.
- d) Certificate of calibration shall incorporate Measurement uncertainty.
- e) All master instruments/equipments used for calibration shall bear valid calibration certificates traceable to National or International standards.
- f) Making list of instruments that are damaged/needs repair and preparing quotation for the rectification. This quotation subjected to approval from CSL may be used for the repair.
- g) All tools, tackles, measuring equipments & instruments required for the work are under the scope of the contractor.
- h) Collection of the equipments from CSL for calibration and return of the equipment at CSL after calibration are to be arranged by the contractor.
- i) The bidders are to carefully go through the calibration requirements and deviations if any shall be specifically brought out in the offer.

- j) Relevant page of scope of NABL accreditation shall be submitted along with the offer for verification.

3 CALIBRATION STANDARD

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

4 SCOPE OF CSL

Issue of Torque Wrenches from CSL Cochin.

5 SAFETY/STATUTORY RESPONSIBILITY

- a. The contractor shall be entirely responsible for the safety of all the personnel employed by him on the work. In this regard, he should adopt all the required safety measure and strictly comply with the safety regulations in force. A copy of CSL's "Safety Rules for Contractors (Revised)" is available with Outsourcing Department for reference.
- b. The Contractor should arrange to suitably insure all his workmen/other personnel in this regard. CSL 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.
- c. In this regard, the Contractor will have to fully indemnify CSL against any claims made by his workmen/other personnel.
- d. The Contractor 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 labour for executing the works.



कृते उप महाप्रबंधक / For Deputy General Manager
आउटसोर्सिंग विभाग / Outsourcing Department

ANNEXURE- IV

तकनीकी वाणिज्यिक जांच सूची / TECHNO COMMERCIAL CHECK LIST

(To be submitted by the bidder)

TENDER NO. SB-OSD/GEN/873/2024 Dtd: 29.06.2024

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

SL No.	Tender Enquiry Requirements	Confirmation from bidder (<u>strike off whichever is not applicable</u>)	Specific comments /Remarks
1	Scope of work as per Technical Specification/Drawings/ General Terms & conditions (Annexure III)	Agreed as per tender /Do not agree	
2	Whether technical bid & two price bids are submitted in separate PDFs?	Yes / No	
3	Schedule of work as specified in technical specification/ price bid of this tender is acceptable	Yes/ No	
4	Submission of Information/Documents with offer	Submitted/Not submitted	
5	Submission of MSME and NSIC registration document with offer	Submitted/Not submitted	
a	Specify the current status of the firm	MSME/MSE/Startup	
6	Offer Validity (date)	90days - Agreed as per tender/Do not agree	
7	Completion period as mentioned in the tender enquiry is acceptable	Yes/ No	
8	Taxes & Duties	Specified/included in Price	
9	Payment terms - confirm	Agreed as per tender/Do not agree	
a	Any others (Specify details)		

TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches & Measuring Instruments

10	Price shall remain firm and fixed and No Escalation in prices after awarding of contract	Agreed as per tender/Do not agree	
11	Security Deposit/PBG	Agreed as per tender/Do not agree	
12	Termination of contract/risk purchase as per relevant clause in the terms & conditions of tender enquiry is acceptable	Yes / No	
13	Force Majeure	Agreed as per tender/Do not agree	
14	Liquidated damages and cancellation of contract	Agreed as per tender/Do not agree	
15	Arbitration & Jurisdiction clauses	Agreed as per tender/Do not agree	
16	Confirm all other terms and conditions of our enquiry are acceptable.	Confirmed/Not confirmed	
17	Confirm, un-priced price bid (price bid without price) is submitted with Part – I bid	Confirmed/Not confirmed	
18	Mode of submission of tender	Direct / Email	
19	Fully aware about the safety, general rules, regulations, standards, validity of offers and price, entry pass eligibilities.	Yes / No	
20	Is your firm registered under TReDS	Yes/No	
21	Is your firm registered as vendor in CSL	Yes/No	
22	Deviations from Tender conditions	No Deviations /Deviations are specified	

हस्ताक्षर / Signature:

ठेकेदार का पता / Address of the Contractor

मुहर / Seal:

ANNEXURE-V

मूल्य बोली प्रारूप / PRICE BID FORMAT

TENDER NO. SB-OSD/GEN/873/2024 Dtd: 29.06.2024

CALIBRATION OF TORQUE WRENCH

SL NO:	EQUIPMENTS	QTY (Nos.) (A)	RATE PER EACH (INR) (B)	TOTAL (A x B)
1	Torque Wrench GVT-8400 MAKE BRITTOOL	01		
2	Torque Wrench (1100mm long) Model HVT 5000 Make : BRITTOOL	01		
3	Torque Wrench (1100mm long) Model : HVT 5000 Make : BRITTOOL	01		
4	Torque Wrench (1100mm long) Model HVT 5000 Make : BRITTOOL	01		
5	Torque Wrench (500mm long) Model EVT 1200 A Make : BRITTOOL	01		
6	Torque Wrench (500mm long) Model EVT 1200 A Make : BRITTOOL	01		
7	Torque Wrench (500mm long) Model EVT 1200 A Make : BRITTOOL	01		

TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches & Measuring Instruments

8	Torque Wrench EVT-1200 A MAKE BRITTOOL MADE IN ENGLAND	01		
9	Torque Wrench (1600mm long) Model TW1400 R Ref No. 10-D02 Make : Mac master	01		
10	Torque Wrench (1100mm long) Model GTV 500 R Ref No. T 47 Make : GRIPHOLD	01		
11	Torque Wrench Model EVT -3000 A Make BRITTOOL	01		
12	Torque Wrench Model GTW 1000 R-1 Make- GRIPHOLD	01		
13	Torque Wrench (1600mm long) Model TM1400 R Ref No. A 02 Make : Torque master	01		
14	Torque Wrench (1600mm long) Model TM 750 R Ref No. HL 71 Make : Torque master	01		
15	Torque Wrench P010131 (Germany)	01		
16	Torque Wrench (1250 mm long) Model GEDOR [DREMO METER] Ref No. P009635 Make : GERMANY	01		

TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches & Measuring Instruments

17	Torque Wrench (1250 mm long) Model GEDOR [DREMO METER] Ref No. P009231 Make : GERMANY	01		
18	Torque Wrench (1445 mm long) Model GEDORE Ref No. 2014/123289 Make : GERMANY	01		
19	Torque Wrench (1445 mm long) Model GEDORE Ref No. 2014/123290 Make : GERMANY	01		
20	Torque Wrench (1445 mm long) Model GEDORE Ref No. 2014/123290 Make : GERMANY	01		
21	Torque Wrench, Model FUJIYAMA(TW-462-1FW) Ref No:1301623578 Make: JAPAN	01		
22	Torque Wrench Model FUJIYAMA(TW-662-1FW) Ref No:1302620031 Make: JAPAN	01		
23	Torque Wrench Model FUJIYAMA(TW-662-2FW) Ref No:1302620046 Make: JAPAN	01		
24	Torque Wrench, Model FUJIYAMA(TW-662-2FW) Ref No:1302620048 Make: JAPAN	01		

TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches & Measuring Instruments

25	Torque Wrench, Model TM 10	01		
26	Torque Wrench Model TM 25	01		
27	Torque Wrench Model TM 50	01		
28	Torque Wrench Model No: GM 53000	01		
29	Torque Wrench Model DB50N-S	01		

CALIBRATION OF MEASURING INSTRUMENTS

SL. NO	EQUIPMENTS	QTY (No.s) (A)	RATE PER EACH (B)	TOTAL (A x B)
30	Outside Micrometer Make - Mitutoyo 0-25 mm (Box consist of Micrometer + 1 Accessory)	01		
31	Outside Micrometer Make - Mitutoyo 0-25 mm (Box consist of Micrometer + 2 Accessories)	01		
32	Outside Micrometer Make - Mitutoyo 25-50 mm (Box consist of Micrometer + 2 Accessories)	01		
33	Outside Micrometer Make - Mitutoyo 25-50 mm (Box consist of Micrometer + 2 Accessories)	01		

TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches & Measuring Instruments

34	Outside Micrometer Make - Mitutoyo 25-50 mm (Box consist of Micrometer + 2 Accessories)	01		
35	Outside Micrometer Make - Mitutoyo 25-50 mm (Box consist of Micrometer + 2 Accessories)	01		
36	Outside Micrometer Make - Mitutoyo 25-50 mm (Box consist of Micrometer + 3 Accessories)	01		
37	Outside Micrometer Make - Mitutoyo 25-50 mm (Box consist of Micrometer +2 Accessories)	01		
38	Outside Micrometer Make - Mitutoyo 25-50 mm (Box consist of Micrometer +2 Accessories)	01		
39	Outside Micrometer Make - Mitutoyo 25-50 mm (Box consist of Micrometer + 2 Accessories)	01		
40	Outside Micrometer Make - Mitutoyo 25-50 mm (Box consist of Micrometer + 2 Accessories)	01		
41	Outside Micrometer Make - Mitutoyo 25-50 mm (Box consist of Micrometer + 2 Accessories)	01		

TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches & Measuring Instruments

42	Outside Micrometer Make - Mitutoyo 75-100 mm (Box consist of Micrometer + 2 Accessories)	01		
43	Outside Micrometer Make - Mitutoyo 75-100 mm (Box consist of Micrometer + 3 Accessories)	01		
44	Outside Micrometer Make - Mitutoyo 75-100 mm (Box consist of Micrometer + 2 Accessories)	01		
45	Outside Micrometer Make - Mitutoyo 75-100 mm (Box consist of Micrometer + 2 Accessories)	01		
46	Outside Micrometer Make - Mitutoyo 50-75 mm (Box consist of Micrometer + 2 Accessories)	01		
47	Outside micrometer Make - Mitutoyo 50-150 mm (Box consist of Micrometer + 7 Accessories)	01		
48	Outside Micrometer Make - Mitutoyo 50-150 mm (Box consist of Micrometer + 8 Accessories)	01		

TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches & Measuring Instruments

49	Outside Digimatic Micrometer Make - Mitutoyo 300-400 mm (Box consist of digital Micrometer + 09 Accessories)	01		
50	Outside Micrometer Make – Mitutoyo 300-325mm (Box consist of Micrometer+3 Accessories)	01		
51	Outside Digimatic Micrometer Make - Mitutoyo 300-400mm (Box consist of digital Micrometer + 09 Accessories)	01		
52	Outside Micrometer Make - Mitutoyo 400-500mm (Box consist of Micrometer + 05 Accessories)	01		
53	Outside Micrometer Make - Mitutoyo 500-600mm (Box consist of Micrometer + 08 Accessories)	01		
54	Outside Micrometer Make - Mitutoyo 500-600mm (Box consist of Micrometer + 08 Accessories)	01		
55	Outside Micrometer Make - Mitutoyo 600-700mm (Box consist of Micrometer + 09 Accessories)	01		

TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches & Measuring Instruments

56	Outside Micrometer Make - Mitutoyo 700-800 mm (Box consist of Micrometer +09 Accessories)	01		
57	Outside Micrometer Make - Mitutoyo 700-800 mm (Box consist of Micrometer + 08 Accessories)	01		
58	Outside Micrometer Make - Mitutoyo 800 - 900 mm (Box consist of Micrometer + 08 Accessories)	01		
59	Outside Micrometer Make - Mitutoyo 800- 900 mm (Box consist of Micrometer + 09 Accessories)	01		
60	Outside Micrometer Make - Mitutoyo 900-1000 mm (Box consist of Micrometer + 08 Accessories)	01		
61	Outside Micrometer Make - Mitutoyo 900-1000 mm(Box consist of Micrometer + 09 accessories)	01		
62	Outside Micrometer Make - Mitutoyo 50-75 mm (Box consist of Micrometer+ 02 Accessories)	01		
63	Inside Micrometer Make - Mitutoyo (25-50 mm) (Box consist of Micrometer + 03 Accessories)	01		

TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches & Measuring Instruments

64	Inside Micrometer Make - Mitutoyo 0-50 mm (Box consist of Micrometer + 05 Accessories)	01		
65	Inside Micrometer Make - Mitutoyo 0-50 mm (Box consist of Micrometer + 05 Accessories)	01		
66	Inside Micrometer Make - Mitutoyo 0-300 mm (Box consist of Micrometer + 07 Accessories)	01		
67	Inside micrometer Make - Mitutoyo 0-300 mm (Box consist of Micrometer + 07 Accessories)	01		
68	Inside Micrometer Make - Mitutoyo 50 -1500 mm (Box consist of Micrometer + 12 Accessories)	01		
69	Inside Micrometer Make – Mitutoyo 50 -1500 mm (Box consist of Micrometer + 12 Accessories)	01		
70	Bore Gauge(With Dial) Make - Mitutoyo 400-600 mm (Box consist of Bore Gauge (With Dial) + 06 Accessories)	01		
71	Bore Gauge (With Dial) Make - Mitutoyo 50-100 mm (Box consist of Bore gauge with dial + 11 Accessories)	01		

TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches & Measuring Instruments

72	Bore Gauge(With Dial) Make - Mitutoyo 18-35 mm (Box consist of Bore gauge with dial + 13 Accessories)	01		
73	Bore Gauge (With Dial) Make - Mitutoyo 35-60 mm (Box consist of Bore gauge with dial + 07 Accessories)	01		
74	Bore Gauge (With Dial) Make - Mitutoyo 18-35 mm (Box consist of Bore Gauge (With Dial) + 10 Accessories)	01		
75	Bore Gauge (With Dial) Make - Mitutoyo 50-100 mm. (Box consist of Bore Gauge (With Dial + 18 Accessories)	02		
76	Depth Micrometre Make - Mitutoyo 0-150mm (Box consist of Depth Micrometer + 07 Accessories)	01		
77	Depth Gauge Make – Mitutoyo 0-150mm	01		
78	Vernier Height Gauge Make – Mitutoyo 0-12"(Gauge + 02 Accessories)	01		
79	Vernier Height Gauge Make - Mitutoyo 0-24"(Gauge + 02 Accessories)	01		
80	Digimatic Indicator Make -Mitutoyo 0-6"	04		



TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches & Measuring Instruments

81	Dial Indicator 0-100mm	03		
82	Digimatic Calipper 0-6 inch	02		
83	Digimatic Calipper 0-8 inch	03		
84	Digimatic Calipper 0-12 inch	04		
85	Digimatic Calipper 0-18 inch	01		
86	Digimatic Calipper 0-24 inch	01		
87	Vernier Calipper 0-6 inch	03		
88	Vernier Calipper 0-8 inch	07		
89	Vernier Calipper 0-12 inch	05		
90	SUB TOTAL AMOUNT (SUM OF SL.NO 1 to 89)			
91	GST.....% HSN CODE.....			
92	GRAND TOTAL AMOUNT (SUM OF SL 90 + 91)			

Grand Total amount (in words) Rupees.....



NOTE:

- A. L1 will be determined based on Sub total Amount (SI No. 90) excluding GST.
- B. GST as per the prevailing rate will be paid.
- C. L1 declaration will be based on the price bid verification by CSL finance dept as per the calculation specified.
- D. **Unit rate quoted per set should include** labour charge, transportation & handling charge, Equipment's, Tools & tackles, consumable charges, and any other cost included for the satisfactory completion of all works as per scope of work mentioned at Annexure III.

Signature of Contractor/authorized signature
of firm or agency:

Name of contractor or authorised signatory of
firm/agency:

Designation:

Address:

Contact No:

APPENDIX – A

LIST OF EQUIPMENTS

SL NO:	TORQUE WRENCH	N-m	I D NO:
1	Torque Wrench GVT-8400 MAKE BRITTOOL	480-940 N-m	OF/CTC/01
2	Torque Wrench (1100mm long) Model HVT 5000 Make : BRITTOOL	140 - 560 N-m	OF/CTC/02
3	Torque Wrench (1100mm long) Model : HVT 5000 Make : BRITTOOL	140 - 560 N-m	OF/CTC/03
4	Torque Wrench (1100mm long) Model HVT 5000 Make : BRITTOOL	140 - 560 N-m	OF/CTC/04
5	Torque Wrench (500mm long) Model EVT 1200 A Make : BRITTOOL	25 - 135 N-m	OF/CTC/06
6	Torque Wrench (500mm long) Model EVT 1200 A Make : BRITTOOL	25 - 135 N-m	OF/CTC/07
7	Torque Wrench (500mm long) Model EVT 1200 A Make : BRITTOOL	25 - 135 N-m	OF/CTC/18
8	Torque Wrench EVT-1200 A MAKE BRITTOOL MADE IN ENGLAND	25 - 135 N-m	OF/CTC/19
9	Torque Wrench (1600mm long) Model TW1400 R Ref No. 10-D02 Make : Mac master	1000-1900 N-m	OF/CTC/08
10	Torque Wrench (1100mm long) Model GTV 500 R Ref No. T 47 Make : GRIPHOLD	135 - 675 N-m	OF/CTC/09

TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches & Measuring Instruments

11	Torque Wrench Model EVT -3000 A Make BRITTOOL	70 - 330 N-m	OF/CTC/11
12	Torque Wrench Model GTW 1000 R-1 Make- GRIPHOLD	540-1380 N-m	OF/CTC/13
13	Torque Wrench (1600mm long) Model TM1400 R Ref No. A 02 Make : Torque master	1000-1900 N-m	OF/CTC/16
14	Torque Wrench (1600mm long) Model TM 750 R Ref No. HL 71 Make : Torque master	475 - 1015 N-m	OF/CTC/17
15	Torque Wrench P010131 (Germany)	600-1500 N-m	OF/CTC/ ADS/25
16	Torque Wrench (1250 mm long) Model GEDOR [DREMO METER] Ref No. P009635 Make : GERMANY	1500-3000 N-m	OF/CTC/ ADS/26
17	Torque Wrench (1250 mm long) Model GEDOR [DREMO METER] Ref No. P009231 Make: GERMANY	750-2000 N-m	OF/CTC/ ADS/27
18	Torque Wrench (1445 mm long) Model GEDORE Ref No. 2014/123289 Make: GERMANY	300-1000 N-m	OF/CTC/ ADS/28
19	Torque Wrench (1445 mm long) Model GEDORE Ref No. 2014/123290 Make: GERMANY	300-1000 N-m	OF/CTC/ ADS/29

TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches & Measuring Instruments

20	Torque Wrench (1445 mm long) Model GEDORE Ref No. 2014/123290 Make: GERMANY	600-1500 N-m	OF/CTC/ADS/30
21	Torque Wrench Model FUJIYAMA(TW-462-1FW) Ref No:1301623578 Make: JAPAN	40 - 200 N-m	OF/CTC/ ADS/31
22	Torque Wrench Model FUJIYAMA(TW-662-1FW) Ref No:1302620031 Make: JAPAN	100 - 600 N-m	OF/CTC/ ADS/33
23	Torque Wrench Model FUJIYAMA(TW-662-2FW) Ref No:1302620046 Make: JAPAN	150-800 N-m	OF/CTC/ ADS/35
24	Torque Wrench Model FUJIYAMA(TW-662-2FW) Ref No:1302620048 Make: JAPAN	150-800 N-m	OF/CTC/ ADS/36
25	Torque Wrench MODEL TM 10	3- 14 N-m	OF/CTC/41
26	Torque Wrench, MODEL TM 25	5 - 35 N-m	OF/CTC/42
27	Torque Wrench MODEL TM 50	10 - 70 N-m	OF/CTC/43
28	Torque Wrench MODEL NO:GM 53000	600 - 3000 N-m	OF/CTC/44
29	Torque Wrench MODEL DB50N-S	5 - 50 N-m	OF/CTC/ADS/45

TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches & Measuring Instruments

SL.NO	MEASURING INSTRUMENTS	SIZE	I D NO:	QUANTITY
30	Outside Micrometer Make - Mitutoyo (Box consist of Micrometer+1 Accessory)	0-25 mm	OSM/CTC/01	01 No.s
31	Outside Micrometer Make – Mitutoyo (Box consist of Micrometer+2 Accessories)	0-25 mm	OSM/CTC/02	01 No.s
32	Outside Micrometer Make – Mitutoyo (Box consist of Micrometer+2 Accessories)	25-50 mm	OSM/CTC/03	01 No.s
33	Outside Micrometer Make - Mitutoyo, (Box consist of Micrometer+2 Accessories)	25-50 mm	OSM/CTC/04	01 No.s
34	Outside Micrometer Make - Mitutoyo (Box consist of Micrometer+2 Accessories)	25-50 mm	OSM/CTC/05	01 No.s
35	Outside Micrometer Make - Mitutoyo (Box consist of Micrometer+2 Accessories)	25-50 mm	OSM/CTC/06	01 No.s
36	Outside Micrometer Make - Mitutoyo (Box consist of Micrometer+3 Accessories)	25-50 mm	OSM/CTC/07	01 No.s
37	Outside Micrometer Make - Mitutoyo (Box consist of Micrometer+2 Accessories)	25-50 mm	OSM/CTC/08	01 No.s
38	Outside Micrometer Make - Mitutoyo (Box consist of Micrometer+2 Accessories)	25-50 mm	OSM/CTC/09	01 No.s

TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches & Measuring Instruments

39	Outside Micrometer Make - Mitutoyo (Box consist of Micrometer+2 Accessories)	25-50 mm	OSM/CTC/10	01 No.s
40	Outside Micrometer Make - Mitutoyo (Box consist of Micrometer+2 Accessories)	25-50 mm	OSM/CTC/11	01 No.s
41	Outside Micrometer Make - Mitutoyo (Box consist of Micrometer+2 Accessories)	25-50 mm	OSM/CTC/12	01 No.s
42	Outside Micrometer Make – Mitutoyo (Box consist of Micrometer+ 2 Accessories)	75-100 mm	OSM/CTC/13	01 No.s
43	Outside Micrometer Make – Mitutoyo (Box consist of Micrometer+ 3 Accessories)	75-100 mm	OSM/CTC/14	01 No.s
44	Outside Micrometer Make – Mitutoyo (Box consist of Micrometer+ 2 Accessories)	75-100 mm	OSM/CTC/15	01 No.s
45	Outside Micrometer Make – Mitutoyo (Box consist of Micrometer+ 2 Accessories)	75-100 mm	OSM/CTC/16	01 No.s
46	Outside Micrometer Make – Mitutoyo (Box consist of Micrometer+ 2 Accessories)	50-75 mm	OSM/CTC/17	01 No.s
47	Outside micrometer Make – Mitutoyo (Box consist of Micrometer+ 7 Accessories)	50-150 mm	OSM/CTC/18	01 No.s

TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches & Measuring Instruments

48	Outside Micrometer Make – Mitutoyo (Box consist of Micrometer+ 8 Accessories)	50-150 mm	OSM/CTC/19	01 No.s
49	Outside Micrometer Make – Mitutoyo (Box consist of Micrometer+3 Accessories)	300- 325mm	OSM/CTC/20	01 No.s
50	Outside Digimatic Micrometer Make - Mitutoyo (Box consist of digital Micrometer + 09 Accessories)	300-400 mm	OSM/CTC/21	01 No.s
51	Outside Digimatic Micrometer Make - Mitutoyo (Box consist of digital Micrometer+9 Accessories)	300- 400mm	OSM/CTC/22	01 No.s
52	Outside Micrometer Make – Mitutoyo (Box consist of Micrometer+05 Accessories)	400- 500mm	OSM/CTC/23	01 No.s
53	Outside Micrometer Make – Mitutoyo (Box consist of Micrometer+ 08 Accessories)	500- 600mm	OSM/CTC/24	01 No.s
54	Outside Micrometer Make - Mitutoyo (Box consist of Micrometer+ 08 Accessories)	500- 600mm	OSM/CTC/25	01 No.s
55	Outside Micrometer Make – Mitutoyo (Box consist of Micrometer+ 09 Accessories)	600- 700mm	OSM/CTC/26	01 No.s
56	Outside Micrometer Make – Mitutoyo (Box consist of Micrometer+ 09 Accessories)	700-800 mm	OSM/CTC/27	01 No.s

TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches & Measuring Instruments

57	Outside Micrometer Make – Mitutoyo (Box consist of Micrometer+ 08 Accessories)	700-800 mm	OSM/CTC/28	01 No.s
58	Outside Micrometer Make - Mitutoyo (Box consist of Micrometer+ 08 Accessories)	800 - 900 mm	OSM/CTC/29	01 No.s
59	Outside Micrometer Make – Mitutoyo (Box consist of Micrometer+ 09 Accessories)	800- 900 mm	OSM/CTC/30	01 No.s
60	Outside Micrometer Make – Mitutoyo (Box consist of Micrometer+ 08 Accessories)	900-1000 mm	OSM/CTC/31	01 No.s
61	Outside Micrometer Make – Mitutoyo (Box consist of Micrometer+ 09 accessories)	900-1000 mm	OSM/CTC/32	01 No.s
62	Outside Micrometer Make – Mitutoyo (Box consist of Micrometer+ 02 Accessories)	50-75 mm	OSM/CTC/33	01 No.s
63	Inside Micrometer Make – Mitutoyo (Box consist of Micrometer+ 03 Accessories)	25-50 mm	ISM/CTC/01	01 No.s
64	Inside Micrometer Make – Mitutoyo (Box consist of Micrometer+ 05 Accessories)	0-50 mm	ISM/CTC/02	01 No.s
65	Inside Micrometer Make – Mitutoyo (Box consist of Micrometer+ 05 Accessories)	0-50 mm	ISM/CTC/03	01 No.s

TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches & Measuring Instruments

66	Inside Micrometer Make - Mitutoyo (Box consist of Micrometer+ 07 Accessories)	0-300 mm	ISM/CTC/04	01 No.s
67	Inside micrometer Make – Mitutoyo (Box consist of Micrometer+ 07 Accessories)	0-300 mm	ISM/CTC/05	01 No.s
68	Inside Micrometer Make – Mitutoyo (Box consist of Micrometer+ 12 Accessories)	50 -1500 mm	ISM/CTC/06	01 No.s
69	Inside Micrometer Make – Mitutoyo (Box consist of Micrometer+ 12 Accessories)	50 -1500 mm	ISM/CTC/07	01 No.s
70	Bore Gauge(With Dial) Make – Mitutoyo (Box consist of Bore Gauge (With Dial) + 06 Accessories)	400-600 mm	BG/OF/01	01 No.s
71	Bore Gauge (With Dial) Make – Mitutoyo (Box consist of Bore gauge with dial + 11 Accessories)	50-100 mm	BG/OF/02	01 No.s
72	Bore Gauge(With Dial) Make – Mitutoyo (Box consist of Bore gauge with dial + 13 Accessories)	18-35 mm	BG/OF/03	01 No.s
73	Bore Gauge (With Dial) Make – Mitutoyo (Box consist of Bore gauge with dial + 07 Accessories)	35-60 mm	BG/OF/04	01 No.s
74	Bore Gauge (With Dial) Make – Mitutoyo (Box consist of Bore Gauge (With Dial) + 10 Accessories)	18-35 mm	BG/OF/05	01 No.s

TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches & Measuring Instruments

75	Bore Gauge (With Dial) Make – Mitutoyo (Box consist of Bore Gauge (With Dial) + 18 Accessories)	50-100 mm	BG/OF/06 BG/OF/07	02 No.s
76	Depth Micrometre Make – Mitutoyo (Box consist of Depth Micrometer + 07 Accessories)	0-150mm	20/DM/02	01 No.s
77	Depth Gauge Make - Mitutoyo	0-150 mm	27/DG/05	01 No.s
78	Vernier Height Gauge Make – Mitutoyo (Gauge+02 Accessories)	0-12 inch	VHG/01	01 No.s
79	Vernier Height Gauge Make – Mitutoyo (Gauge+02 Accessories)	0-24 inch	VHG/02	01 No.s
80	Dial Indicator	0-100 mm	CTC/DI/05 CTC/DI/06 CTC/DI/07	03 Nos.
81	Digimatic Calipper	0-6 inch	DC/CTC/01 DC/CTC/11	02 No.s
82	Digimatic Calipper	0-8 inch	DC/CTC/02 DC/CTC/03 DC/CTC/04	03 Nos
83	Digimatic Calipper	0-12 inch	DC/CTC/05 DC/CTC/06 DC/CTC/09 DC/CTC/10	04 No.s
84	Digimatic Calipper	0-18 inch	DC/CTC/07	01 No.s
85	Digimatic Calipper	0-24 inch	DC/CTC/08	01 No.s

TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches & Measuring Instruments

86	Vernier Calipper	0-6 inch	VC/CTC/01 VC/CTC/02 VC/CTC/15	03 No.s
87	Vernier Calipper	0-8 inch	VC/CTC/03 VC/CTC/04 VC/CTC/05 VC/CTC/06 VC/CTC/12 VC/CTC/08 VC/CTC/13	07 No.s
88	Vernier Calipper	0-12 inch	VC/CTC/07 VC/CTC/09 VC/CTC/10 VC/CTC/11 VC/CTC/14	05 No.s
89	Digimatic Indicator Make - Mitutoyo	0-6 inch	CTC/DI/04 CTC/DI/01 CTC/DI/02 CTC/DI/03	04 No.s

APPENDIX - B

UNDERTAKING

TO
COCHIN SHIPYARD LTD
(GOVT. OF INDIA ENTERPRISE)
PO BAG No. 1653, PERUMANOOR PO, COCHIN 682 015.

Gentlemen:

In accordance with the Conditions of Contract No.
Date..... (here in after called the
Contract) for the Calibration of Torque Wrenches and measuring instruments,
M/s.....

..... (Name and address of Contractor)(herein after called the
Contractor) hereby confirm with COCH IN SHIPYARD LTD, COCHIN, (herein after
called 'CSL') A Bond to assure CSL under the contract, for replacement of the instruments
in case of damage/loss due to mishandling by the contractor, in consideration of CSL
,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 CSL 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 COCHIN SHIPYARD LTD, COCHIN
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 COCHIN SHIPYARD LTD, COCHIN 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.....

