

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/776/2023 Dtd : 16-05-2023

CALIBRATION OF TORQUE WRENCHES



वसुधैव कुटुम्बकम्
ONE EARTH • ONE FAMILY • ONE FUTURE



MAY - 2023

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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/757/2023

16th MAY - 2023

निविदा सूचना / TENDER NOTICE

संक्षिप्त विवरण / BRIEF DETAILS:

| | |
|--|---|
| निविदा जांच संख्या और तारीख Tender enquiry No. and date | SB-OSD/GEN/776/2023 Dtd 16-05-2023 |
| कार्य का नाम Name of work | CALIBRATION OF TORQUE WRENCHES |
| 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) | 30 th May - 2023 at 15.00 Hrs IST |
| पूर्व बोली बैठक की तारीख Date of Pre bid meeting | - |
| भाग I (तकनीकी-वाणिज्यिक) बोली खोलने की तिथि और समय Date & time of opening of Part I (Techno – Commercial) Bid | 30 th May - 2023 at 15.30 Hrs IST |
| संपर्क व्यक्ति Contact Person | <p><u>For Commercial queries:</u> Mr. Adarsh S, Mob No: 87146 30926,ET (Outsourcing)</p> <p><u>For Technical queries:</u> Mr. Sajan K R, Mob. No: 9895705162, AGM (Pipe Shop)</p> |



1. 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. 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. 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**

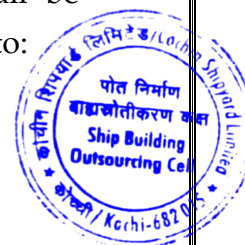
- Tender should be submitted in soft copy via E-mail only. CSL will not accept any other mode of tender considering prevailing COVID -19 SOP of CSL.
- The subject of the E mail should clearly state the tender enquiry number and due date of submission. Price Bids are to be password protected and password is not to be forwarded unless asked for.
- 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.
- Tenders, Techno- commercial bid (Part-I) and Price bid(Part -II) shall be submitted separately via e mail with subject as “SB-OSD/GEN/776/2023” to:

(i) jithu.gl@cochinshipyard.in

Copy to:

(ii) madhu.pk@cochinshipyard.in


(iii) ajithkumar.n@cochinshipyard.in



5. The Bids shall be received at Cochin Shipyard Ltd on or before 15.00 Hrs on 30th May - 2023 and Part I Techno-Commercial Bid will be opened at 15.30 Hrs on the same day.
6. Late tenders / tenders with conditions will be summarily rejected.
7. CSL takes no responsibility for delay, loss or non-receipt of tenders sent by e-mail.
8. 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. Intimation will be as per prevailing SOP with respect to the COVID-19 situation, until such time COVID-19 protocol is applicable in CSL.
9. Merely opening of Techno-Commercial Bid cannot be construed as acceptance of offer for awarding of contract.

10. All rules & regulations specified by the Govt of Kerala and CSL, pertaining to the present COVID-19 pandemic situation should be adhered by the bidder.
11. **The following shall be submitted along with Part I (Techno-commercial) Bid:-**
- Original tender document duly signed on all pages** - including Terms & conditions of enquiry, general conditions, technical specification and drawings placed at Annexure I, II, III, IV, V and Appendix A & B
 - 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.**
 - Copy of un-priced bid format** (price bid WITHOUT prices/numerals)
 - List of deviations/exclusions from the tender enquiry terms and conditions (if any).
12. **MSME- PRIVILEGES**
- 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.
13. 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.
14. 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

1. कार्य का विवरण / DESCRIPTION OF WORK

- 1.1. This tender enquiry pertains to the awarding of contract for **Calibration of Torque Wrenches**, as per the following documents:
 - 1.1.1. Cochin Shipyard Ltd - Terms and conditions (Annexure I)
 - 1.1.2. Cochin Shipyard Ltd - General conditions (Annexure II)
 - 1.1.3. Enquiry specification (Annexure III)
- 1.2. The scope of work includes 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, CSL - Terms and conditions in all respects.
- 1.3. **Bidders are requested to study the scope of work before submitting their offer. Clarification, if any, required may be obtained from AGM (PIPESHOP) before quoting.**

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

The contractor should compulsorily qualify the following criteria (2.1) and (2.2).

- 2.1. The firm should have NABL accredited Lab with suitable master instruments required for the calibration of CSL equipments. Details of NABL accreditation and master instruments have to be submitted along with the offer.
- 2.2. The firm should have prior experience in the execution of Calibration of Torque Wrenches. The firm has to submit the documents which validate the calibration experience.
- 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.
- 2.4. Relevant supporting documents shall be submitted by the contractors for validating the requirements as per (2.1) and (2.3) along with other tender documents.



2.5. 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 CSL or by any of the Public Sector Undertaking or Government department etc.

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 the right to cancel the tender if required.

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

5.1. The work is of urgent nature and hence entire work shall be completed within 15 days from the date of receipt Work Order.

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 single sealed cover, super scribed by the bid No, tender No. and date.
- 7.1.2. The following shall be submitted along with technical Bid, failing which the bid may be summarily rejected :-
 - 7.1.2.1. Original tender document general Terms & conditions and technical specifications placed at Annexure I, II & III duly signed on all pages.
 - 7.1.2.2. The commercial Check List at Annexure IV filled up completely and duly signed
 - 7.1.2.3. Copy of un-priced bid format of each category of works at Annexure V.



7.1.2.4. As per Govt. of India guidelines, Integrity pact (IP) should be signed for all contracts above Rs. One Crore. Accordingly IP should be signed and forwarded along with the offer.

7.1.3. **The non submission of duly filled commercial checklist will lead to the rejection of the bids.**

7.2. **Price Bid (Part-II)**

7.2.1. The bid shall be comprehensive of the nature of Installation of equipments and cable termination work shall be inclusive for all the applicable charges envisaged under the scope of the contractor as specified in the technical specification Annexure III.

7.2.2. 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.

7.2.3. 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.

7.2.4. 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.

7.2.5. 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.

7.2.6. Currency: The price bids shall be prepared in Indian National Rupees for all bidders.

7.2.7. As per tender condition, the price bid which were not opened will not be returned back at any reason.

7.2.8. 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.

- 9.1.1. Applicable rate of GST/SAC Code
- 9.1.2. Firms GST Reg. NO
- 9.1.3. Service accounting code (SAC) as prescribed by statutory authorities.
- 9.1.4. GST Reg. No. of Cochin Shipyard Ltd (32AAACC6905B1ZD).

9.2. 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 subcontractor within one month of completion of work.
- 10.3. Statutory levies such as I.T, Contribution towards PF, ESI etc., shall be deducted from the bill as applicable.
- 10.4. 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 2.5% 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. अधिलेखन और सुधार /OVERWRITING & CORRECTIONS

- 12.1. 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.)
- 12.2. All terms and conditions, other than those mentioned above, contained in the Enquiry specification and list of equipments (Appendix A) Cochin Shipyard Ltd and other annexure pertaining to this tender shall also be attested by the bidder as a token of acceptance.
- 12.3. 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 शर्तें / 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

1 परिचय / INTRODUCTION

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

2 काम की गुंजाइश / 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.

- Calibration of Torque Wrenches as per Appendix-A.
- Configuration/settings/corrections of equipments if required prior/post calibration.
- Issue of calibration certificate with NABL traceability of master equipments.
- Certificate of calibration shall incorporate Measurement uncertainty.
- All master instruments/equipments used for calibration shall bear valid calibration certificates traceable to National or International standards.
- 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.
- All tools, tackles, measuring equipments & instruments required for the work are under the scope of the contractor.
- Collection of the equipments from CSL for calibration and return of the equipment at CSL after calibration are to be arranged by the contractor.
- The bidders are to carefully go through the calibration requirements and deviations if any shall be specifically brought out in the offer.
- Relevant page of scope of NABL accreditation shall be submitted along with the offer for verification.



2. अशांकन मानक / CALIBRATION STANDARD


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

3. सीएसएल का दायरा / SCOPE OF CSL

- a) Issue of Torque Wrenches from CSL Cochin.

4. कार्य प्रक्रिया और अनुसूची / WORK PROCEDURE & SCHEDULE

- a) Completion of Calibration – The calibration of all torque wrenches shall be completed within 15 days of receipt of equipment at your site and shall be dispatched back to CSL within the succeeding 15 days of calibration
- b) The work has to be done as instructed by CSL officer in charge.
- c) The contractor has to ensure smooth progress and timely completion of the work, as per the instructions from the concerned engineers of CSL.
- d) The contractor shall be fully responsible for the safe custody and return in undamaged condition of all the items of equipment.
- e) The Contractor shall be fully responsible for the safety of all the persons engaged by the Contractor and shall strictly observe all the necessary precautions to the particular type of work.
- f) Test certificates required should be submitted as per rules, wherever necessary.
- g) Transportation of torque wrenches after calibration to CSL is the responsibility of the contractor.
- h) All the applicable test certificates and the invoices in original + 2 copies shall be sent to CSL by speed post. Scanned Copies shall also be forwarded by email


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/776/2023 Dtd: 16.05.2023

(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 | Submission of Information/ Documents with offer | Submitted/Not submitted | |
| 3 | Offer Validity (date) | 90days - Agreed as per tender/Do not agree | |
| 4 | Completion period as mentioned in the tender enquiry is acceptable | Yes/ No | - |
| 5 | Liquidated damages | Agreed as per tender/Do not agree | |
| 6 | Payment terms - confirm | | |
| a | 100% Payment will be paid on within 30 days of successful completion of works | Agreed as per tender/Do not agree | - |
| b | Any others (Specify details) | | |
| 7 | 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/776/2023 Dtd: 16.05.2023

CALIBRATION OF TORQUE WRENCHES

| SL NO: | EQUIPMENT | QTY (Nos.) | RATE PER EACH (INR) |
|--------|--|------------|---------------------|
| 1 | Torque Wrench GVT-8400 , MAKE BRITTOOL | 1 | |
| 2 | Torque wrench (1100mm long) Model HVT 5000, Make : BRITTOOL | 1 | |
| 3 | Torque wrench (1100mm long) Model : HVT 5000, Make : BRITTOOL | 1 | |
| 4 | Torque wrench (1100mm long) Model HVT 5000, Make : BRITTOOL | 1 | |
| 5 | Torque wrench (1100mm long) Model HVT 5000, Make : BRITTOOL | 1 | |
| 6 | Torque wrench (500mm long) Model EVT 1200 A, Make : BRITTOOL | 1 | |
| 7 | Torque wrench (500mm long) Model EVT 1200 A, Make : BRITTOOL | 1 | |
| 8 | Torque wrench (1600mm long) Model TW1400 R, Ref No. 10-D02 Make : Mac master | 1 | |
| 9 | Torque wrench (1100mm long) Model GTV 500 R, Ref No. T 47 Make : GRIPHOLD | 1 | |
| 10 | Torque Wrench EVT-3000 A MAKE BRITTOOL MADE IN ENGLAND | 1 | |
| 11 | Torque wrench Model GTW 1000 R-1 , Make- GRIPHOLD | 1 | |
| 12 | Torque wrench (1600mm long) Model TM1400 R, Ref No. A 02 Make : Torque master | 1 | |
| 13 | Torque wrench (1600mm long) Model TM 750 R, Ref No. HL 71 Make : Torque master | 1 | |
| 14 | Torque wrench (500mm long) Model EVT 1200 A, Make : BRITTOOL | 1 | |
| 15 | Torque Wrench EVT-1200 A , MAKE BRITTOOL MADE IN ENGLAND | 1 | |



TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches

| | | | |
|----|---|---|--|
| 16 | Torque Wrench MAKE STWRTEVANT RICHMOUNT MADE IN USA 757742 | 1 | |
| 17 | Torque wrench , P010131 (Germany) | 1 | |
| 18 | Torque wrench (1250 mm long) Model GEDOR [DREMO METER] Ref No. P009635 , Make : GERMANY | 1 | |
| 19 | Torque wrench (1250 mm long) , Model GEDOR [DREMO METER] Ref No. P009231 Make : GERMANY | 1 | |
| 20 | Torque wrench (1445 mm long) Model GEDORE Ref No. 2014/123289 Make : GERMANY | 1 | |
| 21 | Torque wrench (1445 mm long) Model GEDORE Ref No. 2014/123290 , Make : GERMANY | 1 | |
| 22 | Torque wrench (1445 mm long) Model GEDORE Ref No. 2014/123290 Make : GERMANY | 1 | |
| 23 | Model FUJIYAMA(TW-462-1FW) Ref No:1301623578 Make:JAPAN | 1 | |
| 24 | Model FUJIYAMA(TW-462-5FW) Ref No:1301623685 Make:JAPAN | 1 | |
| 25 | Model FUJIYAMA(TW-662-1FW) Ref No:1302620031 Make:JAPAN | 1 | |
| 26 | Model FUJIYAMA(TW-662-1FW) Ref No:1302620033 Make:JAPAN | 1 | |
| 27 | Model FUJIYAMA(TW-662-2FW) Ref No:1302620046 Make:JAPAN | 1 | |
| 28 | Model FUJIYAMA(TW-662-2FW) Ref No:1302620048 Make:JAPAN | 1 | |
| 29 | MODEL TM 10 | 1 | |
| 30 | MODEL TM 25 | 1 | |
| 31 | MODEL TM 50 | 1 | |
| 32 | MODEL NO:GM 53000 | 1 | |
| 33 | MODEL DB50N-S | 1 | |
| 34 | SUB TOTAL (SUM OF SL No 1 to 33) | | |
| 35 | GST.....% HSN Code..... | | |
| 36 | GRANT TOTAL (SI No. 34+35) | | |

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

NOTE:

- A. L1 will be determined based on Sub total Amount (SI No. 1 to 33) 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, Equipments, 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 BRITool | 480-940 NM | OF/CTC/01 |
| 2 | Torque wrench (1100mm long) Model HVT 5000, Make : BRITool | 140 - 560 N.M | OF/CTC/02 |
| 3 | Torque wrench (1100mm long) Model : HVT 5000, Make : BRITool | 140 - 560 N.M | OF/CTC/03 |
| 4 | Torque wrench (1100mm long) Model HVT 5000, Make : BRITool | 140 - 560 N.M | OF/CTC/04 |
| 5 | Torque wrench (1100mm long) Model HVT 5000, Make : BRITool | 140 - 560 N.M | OF/CTC/05 |
| 6 | Torque wrench (500mm long) Model EVT 1200 A, Make : BRITool | 25 - 135 N.M | OF/CTC/06 |
| 7 | Torque wrench (500mm long) Model EVT 1200 A, Make : BRITool | 25 - 135 N.M | OF/CTC/07 |
| 8 | Torque wrench (1600mm long) Model TW1400 R, Ref No. 10-D02 Make : Mac master | 1000-1900 N.M | OF/CTC/08 |
| 9 | Torque wrench (1100mm long) Model GTV 500 R, Ref No. T 47 Make : GRIPHOLD | 135 - 675 N.M | OF/CTC/09 |
| 10 | Torque Wrench EVT-3000 A MAKE BRITool MADE IN ENGLAND | 70-330 N.M | OF/CTC/11 |
| 11 | Torque wrench Model GTW 1000 R-1 , Make- GRIPHOLD | 540-1380 N.M | OF/CTC/13 |
| 12 | Torque wrench (1600mm long) Model TM1400 R, Ref No. A 02 Make : Torque master | 1000-1900 N.M | OF/CTC/16 |
| 13 | Torque wrench (1600mm long) Model TM 750 R, Ref No. HL 71 Make : Torque master | 475 - 1015 N.M | OF/CTC/17 |
| 14 | Torque wrench (500mm long) Model EVT 1200 A, Make : BRITool | 25 - 135 N.M | OF/CTC/18 |
| 15 | Torque Wrench EVT-1200 A , MAKE BRITool MADE IN ENGLAND | 25-135 NM | OF/CTC/19 |
| 16 | Torque Wrench MAKE STWRTEVANT RICHMOUNT MADE IN USA 757742 | 60-300 NM | OF/CTC/21 |



TENDER ENQUIRY NOTICE – Calibration of Torque Wrenches

| | | | |
|----|---|----------------|-------------------|
| 17 | Torque wrench , P010131 (Germany) | 600-1500 N.M | OF/CTC/ ADS 25 |
| 18 | Torque wrench (1250 mm long) Model GEDOR [DREMO METER] Ref No. P009635 , Make : GERMANY | 1500-3000 N.M | OF/CTC/ ADS 26 |
| 19 | Torque wrench (1250 mm long) , Model GEDOR [DREMO METER] Ref No. P009231 Make : GERMANY | 750-2000 N.M | OF/CTC/ ADS 27 |
| 20 | Torque wrench (1445 mm long) Model GEDORE Ref No. 2014/123289 Make : GERMANY | 300-1000 N.M | OF/CTC/ ADS 28 |
| 21 | Torque wrench (1445 mm long) Model GEDORE Ref No. 2014/123290 , Make : GERMANY | 300-1000 N.M | OF/CTC/ ADS 29 |
| 22 | Torque wrench (1445 mm long) Model GEDORE Ref No. 2014/123290 Make : GERMANY | 600-1500 N. M | OF/CTC/ADS/ 30 |
| 23 | Model FUJIYAMA(TW-462-1FW) Ref No:1301623578 Make:JAPAN | 40-200 N.M | OF/CTC/ ADS 31 |
| 24 | Model FUJIYAMA(TW-462-5FW) Ref No:1301623685 Make:JAPAN | 80-400 N.M | OF/CTC/ ADS 32 |
| 25 | Model FUJIYAMA(TW-662-1FW) Ref No:1302620031 Make:JAPAN | 100-600 N.M | OF/CTC/ ADS 33 |
| 26 | Model FUJIYAMA(TW-662-1FW) Ref No:1302620033 Make:JAPAN | 100-600 N.M | OF/CTC/ ADS 34 |
| 27 | Model FUJIYAMA(TW-662-2FW) Ref No:1302620046 Make:JAPAN | 150-800 N.M | OF/CTC/ ADS 35 |
| 28 | Model FUJIYAMA(TW-662-2FW) Ref No:1302620048 Make:JAPAN | 150-800 N.M | OF/CTC/ ADS 36 |
| 29 | MODEL TM 10 | 3- 14 N.M | OF/CTC/41 |
| 30 | MODEL TM 25 | 5 - 35 N. M | OF/CTC/42 |
| 31 | MODEL TM 50 | 10 - 70 N. M | OF/CTC/43 |
| 32 | MODEL NO:GM 53000 | 600 - 3000 N.M | OF/CTC/44 |
| 33 | MODEL DB50N-S | 5 - 50 N. M | OF/CTC/ADS/ 45 |



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,
M/s.....

..... (Name and address of Contractor)(herein after called the
Contractor) hereby confirm with COCHIN 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.....

