

MORMUGAO PORT AUTHORITY
ENGINEERING MECHANICAL DEPARTMENT

Quotation no.: CME/XEN(M)/EQUIP/HMC-02/02/2022



आईएसओ 9001-2015 पत्तन
AN ISO 9001-2015 PORT

QUOTATION
FOR
“NDT on Port’s Harbour Mobile Crane”

Due at 11.00 A.M. on 06.09.2022

Website: <https://www.mptgoa.gov.in/>

MORMUGAO PORT AUTHORITY
ENGINEERING MECHANICAL DEPARTMENT

Quotations are invited in a sealed cover from experienced firms duly superscribed as QUOTATION FOR “NDT on Port’s Harbour Mobile Crane”.

Details about Quotation:

Quotation No.	CME/XEN(M)/EQUIP/HMC-02/02/2022
Name of Work	<u>NDT on Port’s Harbour Mobile Crane</u> ”
Completion Period	14 days from the date of issue of Letter of intent (LOI)
Estimated Cost (INR)	Rs. 3,50,000 (exclusive of GST) Rupees Three lakhs fifty thousand.
EMD	Rs 8260/- (Rupees Eight Thousand two hundred and sixty) only incl. of 18% GST) Bidder claiming exemption under MSE shall produce exemption certificate as per Clause 1.2.2.2 of this document.
Cost of Quotation Document	Rs. 590/- (Rupees Five hundred and ninety only) (incl. of 18% GST). Non-refundable or exemption (MSME) certificate as per Section-I, General Terms and Conditions, clause No 1.1. Note: Bidders not providing EMD & Quotation Document Cost (producing exemption (MSME) certificate) before due date and time shall be disqualified.
Security Deposit	3% of the contract value as per Section-I, General Terms & Conditions, clause No 1.7.
Payment terms	100% payment on satisfactory completion of the works, acceptance by the Port and upon submitting undisputed bills along with relevant documents (EPF/ESI challans, muster roll, wage register). Contractor bank details to be furnished as per Appendix-I.
Bid Submission	As indicated at clause no. 1.6.
Bid Validity	120 Days from the due date of submission of the quotation.
Date of submission	06.09.2022 till 11:00 Hrs.
Date of Opening	06.09.2022 at 11:30 Hrs
Address for communication and submission of bid:	Executive Engineer (M), Equipment Section Engineering Mechanical Dept., Mormugao Port Authority, Headland Sada, Goa – 403804.
Contact Details	Phone: 0832-2594572; Email : xenm.equip@gmail.com
Website	https://www.mptgoa.gov.in/

EXECUTIVE ENGINEER (M)
MORMUGAO PORT AUTHORITY

SECTION – I

1.0. GENERAL TERMS AND CONDITIONS

1.1. Cost of the Quotation Document:

1.1.1. The Bidder is required to furnish Document cost of Rs.590/- (Rupees Five Hundred and Ninety only) (incl. of 18% GST) in the form of DD from Nationalized/Scheduled Banks in favour of the Financial Advisor & Chief Accounts Officer, MPT, payable at Vasco, Goa, to be submitted along with the Quotation. The Document cost is non-refundable.

1.1.2. Micro and Small Enterprises (MSE) registered with District Industries Centre (DIC) or Khadi and Village Industries commission or Khadi & Industries Board (KVIB) or Coir Board or National Small Industries Corporation (NSIC) or Directorate of Handicrafts and Handlooms or Udyog Aadhar memorandum or any other body specified by Ministry of MSME shall be exempted of payment of document cost on producing self-attested valid supporting certificates issued by the governing body.

1.2. Earnest Money Deposit:

1.2.2.1. The Bidder shall furnish an EMD of Rs 8260/ (Rupees Eight Thousand two hundred and sixty only incl. of 18% GST), without EMD the quotation shall be treated invalid. The E.M.D. shall submitted in the form of DD from Nationalized/Scheduled Banks in favour of the Financial Advisor & Chief Accounts Officer, MPT, payable at Vasco, Goa.

1.2.2.2. Micro and Small Enterprises (MSE) registered with District Industries Centre (DIC) or Khadi and Village Industries commission or Khadi & Industries Board (KVIB) or Coir Board or National Small Industries Corporation (NSIC) or Directorate of Handicrafts and Handlooms or Udyog Aadhar memorandum or any other body specified by Ministry of MSME shall be exempted of EMD on producing self-attested valid supporting certificates issued by the governing body.

1.2.2.3. In the event of Bidder withdrawing his Bid before the expiry of bid validity period of 120 days from the date of opening of Price Bid, the Bid (Quotation) submitted by the Bidder shall be cancelled and EMD shall be forfeited.

1.2.2.4. The Earnest Money Deposit of unsuccessful Bidders shall be returned on award of Contract to the successful Bidder. No interest shall be payable on the amount of E.M.D in any case. The Earnest Money Deposit of the successful Bidder shall be refunded only on receipt of Security Deposit as stipulated in the Quotation enquiry.

1.2.2.5. MPT reserves the right to forfeit the Earnest Money Deposit in respect of successful Bidder, if he fails to furnish the necessary Security Deposit towards performance within 15 days from the date of issue of Purchase Order (PO).

1.2.2.6 In addition to above, the EMD shall be forfeited by the Port in the following events:

- i.) If the Bid is withdrawn or varied or modified in a manner not acceptable to Port during the validity or extended validity period as agreed by the Bidder.
- ii.) If the Bidder tries to influence the Bid evaluation, bid comparison or contract award decision.
- iii.) In case the Bidder, submits false certificate in terms of any documents supported to the Quotation / Enquiry.

iv.) In case the bidder is found to indulge in corrupt or fraudulent practices at any stage including the execution of the contract.

1.3.1. Financial Eligibility Criteria:

The Bidder should have an Average Annual financial turnover of at least Rs. 1,05,000 the three financial years ie 2017-18, 2018-19, 2019-20.

In case of Micro and Small Enterprises, the Average Annual financial turnover shall be at least Rs.52,500, subject to production of certificate issued by MSME authorities.

1.3.2. Minimum Eligibility Criteria:

a) Experience of having successfully completed a similar work at any time during the last 7 years ending last day of month previous to the one in which quotations are invited. In support of this, the Bidder shall submit Self attested photo copies of LOA/work order/agreements showing the awarded contract value for "similar works" and satisfactory Completion Certificates issued by the Client, indicating the date of Completion and completed Contract Value failing which the work shall not be considered for evaluation. Also, the bidders are required to submit TDS certificates pertaining to the referred completed work and IT returns acknowledgement for previous two years. In case the Bidder has carried out works for MPT, then the work order along with the completion certificate may be furnished along with the duly filled in price schedule, the TDS certificate need not be furnished.

Similar works means "Carrying out NDT on Cranes /handling equipment's at Central Govt. / State Govt. / Port Sector / PSU or any reputed organisation."

1.4. Evaluation of the Bid:

1.4.1. An offer shall be considered responsive and for evaluation if:-

- (i) it is accompanied by requisite EMD or exemption certificate as per clause 1.2.2.2,
- (ii) it is accompanied by requisite Cost of Quotation document / exemption certificate as applicable,
- (iii) the validity of the offer is same as stipulated in the quotation document,
- (iv) it meets the Financial Eligibility Criteria as indicated at 1.3.1.
- (v) it meets the Minimum Eligibility Criteria and have furnished work order copy, work completion certificate copy and other documentation as indicated at 1.3.2.
- (vi) Annexure indicating Format of declaration as per clause no. 1.22.3
- (vi) The Bid is received by Port by Due date and time of submission including any extension thereof.

1.4.2. In case the bidder submits Bid with alterations/additions, conditional offer / imposes own terms and conditions / does not accept tender conditions completely, his/her Bid shall be summarily rejected.

1.4.3. **Evaluation** will be done on Basic Price (Total of price in the Price Schedule (BOQ)) and lowest offer shall be considered among all Bidders for award of work. The rates offered shall be exclusive of GST. If any new tax imposed by the State/Central Govt., same shall be reimbursed by producing documentary proof. In case the rates quoted in figures and words are not identical, then rates entered in words shall be deemed as the price quoted for the item in question.

1.5. Bid Validity:

The Bid validity shall be 120 days from the due date of submission of the quotation.

1.6. Submission of Quotation

1.6.1. The sealed envelope containing EMD, DD towards cost of document **or** SSI/MSME exemption certificate; work order; completion certificate, etc should be super-scribed as “NDT on Ports Harbour Mobile Crane” along with the duly filled price schedule shall be dropped before the due date and time in the TENDER BOX located on second floor of the Port’s Administrative Bldg. Mechanical Engineering Department at Headland Sada.

1.6.2. Bidder shall submit only one quotation by due date and time. In the event the Bidder is submitting more than one quotation, then all his quotations shall not be opened and summarily rejected.

1.6.3. The Bidder shall be allowed to be present during the opening of the quotation, in-case he/she desires to. However, necessary COVID-19 related SOPs to be followed and valid RT-PCT test report / vaccination certificate to be produced before the CISF at the main gate.

1.7. Security Deposit:

The contractor shall within 15 days from the date of issue of PO, shall furnish a DD towards Security Deposit equivalent to 3% of the contract value, rounded off to nearest 100 rupees. This Security Deposit will be converted to Performance Guarantee upon completion of the work. The DD shall be from Nationalized/Scheduled Banks in favour of the Financial Advisor & Chief Accounts Officer, MPT, payable at Vasco, Goa.

The Security Deposit converted to Performance Guarantee will be refunded to the contractor within 30 days after satisfactory completion of entire work and submission of final NDT report.

The Board may, at its option, forthwith forfeit the above Security Deposit in whole or part, if in the opinion of the Board the contractor has failed to fulfill any or all of the conditions of this contract without prejudice to any and all rights of the Board to recover from the contractor any amount falling due to the Board through non-observance by the contractor of any of the clause thereof.

1.8. Completion Period:

The entire work shall be completed within **14** days from the date of issue of Letter of Intent (LOI).

1.9. Payment Terms:

i.) 100% payment after satisfactory completion of the works. Separate invoices shall be raised towards supply of materials and towards installation / execution works.

The payment will be released within 30 days from the date of receipt of undisputed bills in duplicate and with all other supporting documents (EPF/ESI challans, muster roll, wage register).

The contractor shall furnish their bank account details alongwith other details as per Appendix-I. The payment will be made in ECS mode. A copy of the PAN card, GST Registration, EPF& ESI registration.

1.10. EPF/ESI: Applicability of EPF and ESI Act. (applicable in-case of manning)

The Bidder / Contractor shall ensure strict compliance of the labour laws including those under the Employees State Insurance Act, 1948 and the Employees Provident Fund & Miscellaneous Provisions Act, 1952 and rules and regulations framed therein.

The Bidder / Contractor shall ensure that the statutory contribution towards the Employee State Insurance Act, 1948 and the Employees Provident Fund & Miscellaneous Provision Act, 1952 in respect of the employees engaged by him are deposited with the authority concerned and a proof having deposited the contribution should be produced at the office of CME by 10th of the succeeding month in which the payment was due.

In the event any Bidder raises a dispute that he is not covered under the provisions of Employees State Insurance Act, 1948 and the Employees Provident Fund & Miscellaneous Provision Act, 1952 such Bidder should obtain Certificate from the Competent Authority of EPF under these Acts and produce the same documentary evidence at the office of the Chief Mechanical Engineer.

The amount recovered if any, as statutory dues in respect of the Employees Provident Fund and Miscellaneous Provisions Act, 1952 and the Employees State Insurance Act, 1948 shall be released only after producing documentary evidence / no dues certificate from the authorities under these Acts.

1.11. Security & Safety Requirements:

It will be entirely the contractor's responsibility to take required steps to adequately safeguard the personnel carrying out the work and to ensure that the work is carried out in such a manner that maximum safety to the personnel is assured. Further any insurance of the personnel as per regulations in force has to be taken care of by the contractor.

The contractor shall comply with all regulations imposed by the customs and Port security authorities in respect of the passage of vehicle, materials and personnel through customs and Port barriers. No photographs/films of the work or any part thereof and of Plant/premises shall be taken or permitted to the contractor without the specific approval of the General Administration Department of the Port.

1.12. Gate Pass:

Necessary RFID entry passes shall be obtained by the Contractor at their own cost with the approval of Port Officials for entry into Port area. The same can be obtained online from our website www.mptgoa.gov.in.

1.13. Injury/Damage to persons and property:

- i.) The contractor shall take all precautions while carrying out the contract work against any possible damage to Port property. Should any such damage be done by the contractor, he shall make good or bear the cost of making good the same, when brought to his notice, without delay to the satisfaction of the Engineer, failing which the same will be recovered from the bill.
- ii.) The contractor shall indemnify the Port against any claim that may arise for any damage to or loss to Port property or injury caused to Port personnel or to any labour engaged by the contractor, during the execution of the contract. The Port will not be responsible for any failure on the part of the contractor or his agent to take necessary measures or precautions in this regard. In this regard contractor will be wholly responsible, if any injury/death of his person on duty, and contractor shall take necessary insurance policy to cover the staff while at work to meet any such eventualities.

1.14. Force Majeure:

Notwithstanding anything in this contract to the contrary, neither the MPA nor the contractor shall be liable or deemed to be in default for any failure or any delay in performance hereunder, if caused by “force majeure” which term shall mean but not be limited to fire, explosion, natural causes like flood, earthquake, civil commotion, strikes epidemic, pandemic and other acts of God, action of enemies, act of any government or other similar causes beyond the control of the party affected, who shall notify the other party within a reasonable time from the beginning of the operation of said cause and shall thereafter exert all diligence to overcome such cause of delay and resume performance.

1.15. Personal Protective Equipments:

The Contractor shall be solely responsible, at his own cost, for the supply of required PPE to his workers and staff and he shall also ensure the use of PPE such as helmets, safety shoes, nose masks, hand gloves, Safety Harness or any other equipment as required depending on nature of work by his staff at site.

1.16. Foreclosure of Contract

Notwithstanding anything in the contract document, the contractor agrees that the Port shall be entitled to foreclose the contract on occurrence of the following events:

- i. In the event of breach of contract by the Contractor
- ii. An emergency or
- iii. for national security and /or national interest and /or public reasons.

Upon the occurrence of the events specified in the above (i),(ii) and (iii)above, the Port reserves the right to fore close the contract at any point of time during the contract period on the issue of the termination notice. The Port shall not be liable to compensate the contractor or any other person for any losses or estimated loss of profits during such period.

1.17. Work not to sublet:

The contract shall not be assigned or sublet without the written prior approval of the Engineer in charge.

1.18. Indemnification:

The contractor shall be deemed to indemnify and keep indemnified the Port from and against all actions, claims, demands and liabilities whatsoever under and in respect of the breach of any of the provisions of any law, rules or regulations having the force of law, including but not limited to –

- a) The Minimum Wages Act, 1948.
- b) The Dock Workers (Regulation of Employment) Act, 1948
- c) The Building And Other Construction Workers (Regulation of Employment & Conditions of Service) Act, 1996
- d) The Dock Workers’ Safety, Health & Welfare Act, 1986
- e) The Payment of Wages Act, 1936.
- f) The Workmen’s Compensation Act, 1923.
- g) The Employees Provident Fund Act, 1952.

- h) The Contract Labour (Regulation and Abolition) Act, 1970; Rules 1971.
- i) The Payment of Bonus Act, 1965.
- j) The Payment of Gratuity Act, 1972.
- k) The Equal Remuneration Act, 1976.
- l) The Employees State Insurance Act, 1948 & Employees State Insurance (Amendment) Act, 1989
- m) Child Labour (Prohibition and Regulation) Act, 1986.
- n) The Maternity Benefits Act 1961
- o) Interstate Migrant Workmen (Regulation Of Employment & Conditions Of Service) Act, 1979.
- p) Motor Vehicle Act, latest revision

1.19. Taxes:

The contractor shall be registered under GST and shall furnish documentary evidence in support of valid GST registration.

The Contractor shall remit the GST amount in the invoice to the Government within the due dates and also file the returns by mentioning the GSTIN of the Mormugao Port Authority (MPA) to enable Port to avail eligible Input Tax Credit (ITC). The Contractor shall indemnify MPA from any loss of eligible ITC of GST paid by it to the Contractor based on their tax invoice, due to non-payment of GST or non-filing of GST returns by the Contractor or non-compliance of GST Act/provisions. The Contractor shall remit such GST amount with applicable interest and penalties to the MPT within 7 days from the date of intimation by MPT about non-availing of eligible ITC. MPT also reserves its right to deduct such GST amount with interest and penalties from the subsequent bills, Security Deposit or any amount due to the contractor by MPT.

1.20. DEBARMENT FROM BIDDING

- i. In the event of premature termination of contract in terms of provisions of clause (2) & (3) below, MPA shall also be entitled to debar the Contractor for participation in future tenders of MPA for a period of three (03) years.
- ii. Further, in case if it comes to the notice of MPA that the Bidder/Contractor has used forged documents or misrepresented the facts in any manner either to get the contract or during the pendency of the contract, in such cases MPA at its sole discretion may disqualify the bid / terminate the contract and debar such Bidder / Contractor for participation in future tenders of MPA for a period of three (03) years.
- iii. A bidder shall also be debarred if he has been convicted of an offence—
 - (a) Under the Prevention of Corruption Act, 1988; or
 - (b) The Indian Penal Code or any other law for the time being in force, for causing any loss of life or property or causing a threat to public health as part of execution of a service (OM dt.02.11.2021, pg.1 of 7, says public procurement) contract.

1.21 DEFAULT OF THE CONTRACTOR

If the Contractor makes any default or on the happenings of anyone or more of the following events that is to say;

- a. If the Contractor without reasonable cause abandons the Contract or
- b. Suspends the carrying out of the Works for a reasonable time after receiving written notice from the MPA without any lawful excuse or fails to make proper progress with Works after receiving written notice from the Engineer or

- c. Fails to proceed diligently with the work or
- d. Fails to give the MPA proper facilities for inspection of the Works of any part thereof for three days after receiving notice in writing by the MPA demanding the same or
- e. The Contractor has become insolvent or
- f. The Contractor has gone into liquidation or passes the resolution for winding up or
- g. Upon the Contractor making an arrangement with or assignment in favour of his creditor or
- h. Upon his assigning this contract or
- i. Upon an execution being levied upon the Contractor's good or
- j. Upon winding up order being passed by the court or a Receiver or manager is appointed in respect of any of the property of the Contractor or
- k. Possession is taken by or on behalf of any holder of any debentures secured by floating charges of any of the property of the Contractor or
- l. Fails to complete all or any part of the Works during the time specified for completion of the Contract or such extended time as may be granted by the MPA.

1.22 TERMINATION OF THE CONTRACT

In the event of repeated instances of unsatisfactory service or any failure at any time on the part of the contractor to comply with the terms and provisions of this contract to the satisfaction of MPA (who shall be the sole judge and whose decision shall be final), it shall also be open to MPA to terminate this contract by giving not less than Ninety (90) days' notice in writing to that effect and if the contractor, does not make good his default within the notice period, MPA shall be entitled to terminate the contract as a whole or in part duly informing MSME if applicable. In the event of such termination of the contract, MPA shall be entitled to:

- i. Encash the Performance Guarantee as it may consider fit;
- ii. Get the balance/remaining work done by making alternative arrangements as deemed necessary and until such time MPA is able to appoint a new regular Contractor; and recover from the contractor (appointed under this tender) any extra expenditure incurred by MPA in getting the work done and damages which MPA may sustain as a consequence of such action.
- iii. If the extra expenditure incurred by MPA on account of unsatisfactory performance of the contractor as mentioned in paragraphs above is more than the Performance Security proposed to be encashed, the expenditure over and in excess of the Performance Security may be recovered by deducting the said amount from pending bills of the contractor under this tender or from money due to the contractor by MPA under this or any other contract or otherwise. The contractor shall have no claim whatsoever against MPA, in consequence on such recoveries or termination of the contract, as stated above.
- iv. If at any time the contractor becomes insolvent or files an application for insolvency or any creditor of his moves the court for adjudicating him as an insolvent or, if he is convicted by any court of law, withdraws from the contract, MPA will have the absolute option of terminating the contract forthwith and he shall have no right for damages or compensations on this account.
- v. No compensation what so ever shall be payable by the Port to the Contractor on termination of Contract prior to the expiry of the Contract period.

1.22.1 Even though the Bidders meet the qualifying criteria as per (MQC), they are subject to be disqualified and debarred for a period of three (3) years from participating for tenders at Mormugao Port Authority duly informing the MSE authorities if applicable, if they have :

- a.) made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements; and/or

- b.) Record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history with Mormugao Port Authority or financial failures etc.

1.22.2 In case the Firm has submitted MSME certificates as per clause (claiming exemption for Tender fee and EMD), for participating in the tender, then the firm may be debarred for a period of three (3) years from participating for tenders at Mormugao Port Authority duly informing the MSME authorities, if

- i. The MSME Bidder withdraws the Bid after Bid opening during the period of Bid Validity;
- ii. the successful Bidder fails within the specified time limit to
 - a. Sign the Agreement (finds mention in the Annexure: TENDER FORM)
 - b. Submit the Performance Security or
 - c. Fail to commence the work on the specified date as per LOA.

1.22.3 Annexure: FORMAT OF DECLARATION :- incorporates a statement/ undertaking from the Bidder as indicated below:

“We hereby state that we are not Blacklisted/debarred/banned by any Government or Non-Government organization”.

1.23 Other terms and conditions:

- i) All tools and tackles shall be arranged by the Contractor at their own cost.
- ii) **The Bidders are advised to visit the site and get acquainted regarding the nature of the work involved at site conditions before quoting the rate.**
- iii) The technical specification at Section II and Price Schedule (Bill of Quantities) at Section III to be read in conjunction to ensure the actual supply and works involved.
- iv) The Crane shall be provided by the Port on chargeable basis for execution of the work.
- v) The contractor shall provide any other items which have not been specifically mentioned in the Price Schedule (Bill of Quantities), but which are found necessary for completion of the works without incurring any additional expenditure to the Port.
- vi) The Contractor shall pay the labour engaged by him for the work a fair wage, as may be fixed by the Labour Department of the State as per the applicable Minimum Wages Act. The payment shall be strictly made to the labour by the contractor through Bank Account.
- vii) Address for communication and submission of bid:
Executive Engineer (Equipment's)
2nd floor A.O. Bldg, Headland Sada, Engineering Mechanical Dept., Mormugao Port Authority, Mormugao, Goa – 403804.
Phone: 0832-2594243.
- viii) Further amendments if any, visit our website <https://www.mptgoa.gov.in/>

**EXECUTIVE ENGINEER (M)
MORMUGAO PORT AUTHORITY**

SECTION-II
TECHNICAL SPECIFICATION

TECHNICAL SPECIFICATION/SCOPE OF WORK

2.0 Introduction:

Mormugao Port Authority (MPA) intends to carry out the work of “**Non Destructive Testing on Harbour Mobile Crane**” (HMC)

2.1 GENERAL

Port has procured 01 no Italgru 120 T capacity HMC in the year June 2013 and is in operation till date. The cargo handled by this crane is Iron ore Bauxite, steel coils, Containers, Granite blocks etc. Structural drawing of the crane is attached herewith for reference.

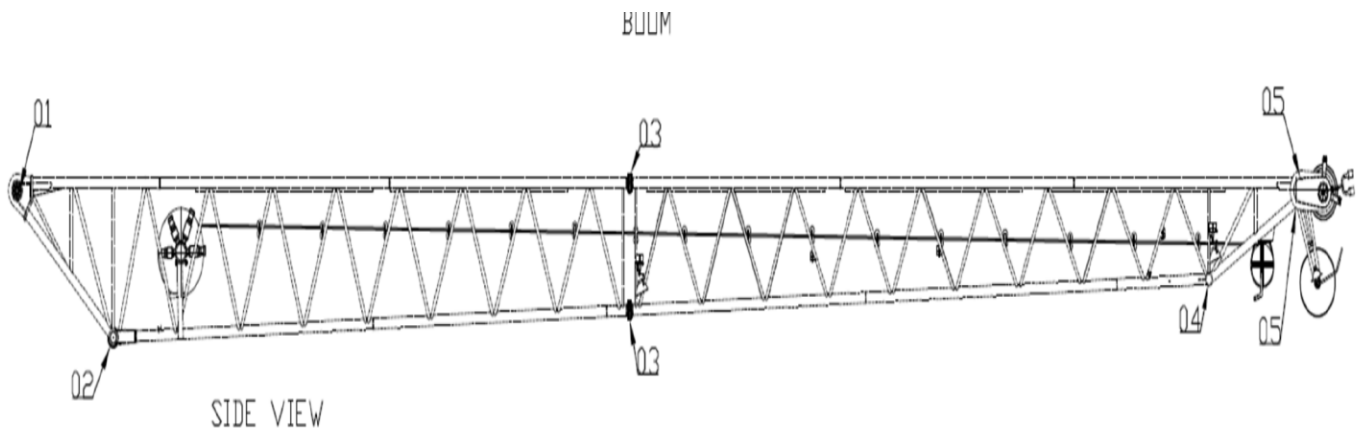
Due to continuous usage of the crane, cracks have been noticed at some of the weld joints on the turret of the crane to ensure structural stability of the crane, Port is now intending to carry out NDT of all the welded joints and other load bearing and critical areas of the crane.

2.2 SCOPE OF WORK

The party shall survey the entire crane structure and carry out NDT such as dye penetration test, ultra sound test. Magnetic particles test etc.as per the requirements.

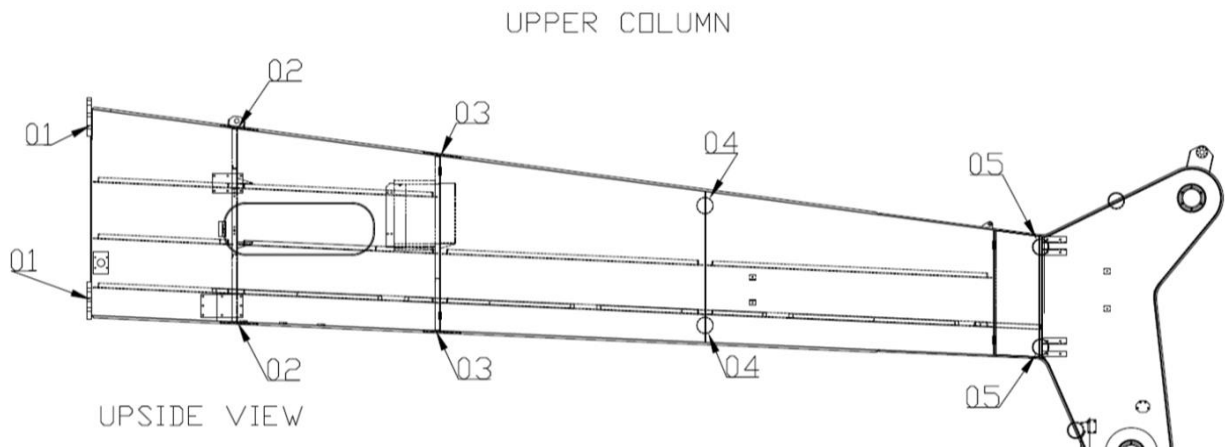
The following points required to be checked:

BOOM



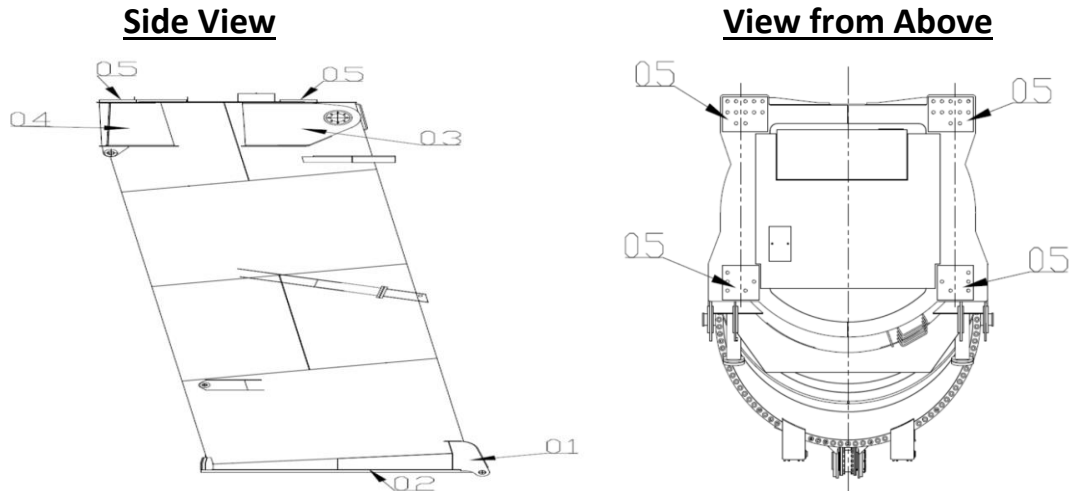
- A Check of all the weldings between the main boom chord parts
- B Check of all the weldings between boom chords and bracings
- 01 Boom hinge structure
- 02 hydraulic cylinder hinge
- 03 flanged junction between boom head and boom tail
- 04 Boom head hub
- 05 boom head pulley support

UPPER COLUMN



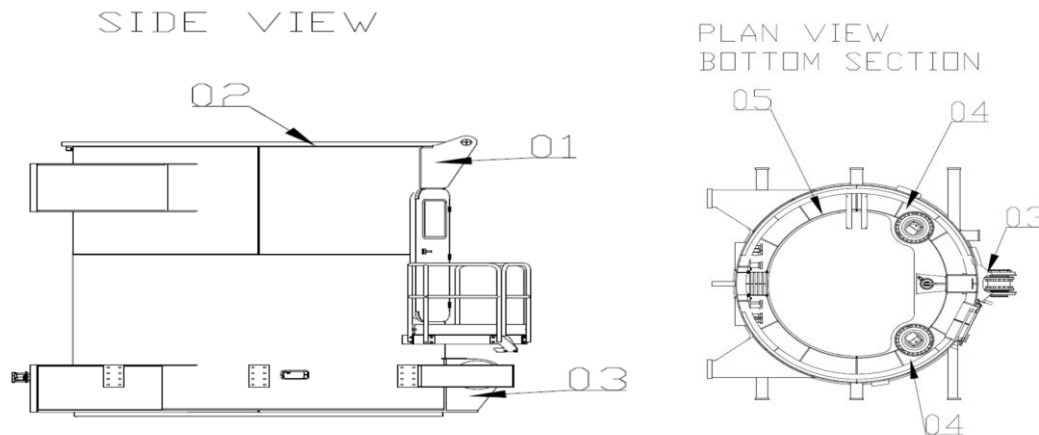
- A Check of all the weldings
- 01 Main base plates
- 02 Floor welding's (sides, front, rear)
- 03 Floor welding's (sides, front, rear)
- 04 Pipe spacers
- 05 Pipe spacers

INTERMEDIATE COLUMN



- A Check of all the welding's
- 01 Pivoting hinge structure
 - 02 Main base flange
 - 03 Boom hinge structure (inside and outside)
 - 04 Rear sustaining structure (inside and outside)
 - 05 Upper base plates

LOWER COLUMN



- A Check of all the weldings:
- 01 Pivoting hinge structure
 - 02 Upper base flange
 - 03 Hydraulic cylinder hinge structure
 - 04 Slewing gearboxes sustaining structure
 - 05 Base reinforcing structure, flange, brackets, all around the circumference.

CARRIAGE

A Check of all the weldings

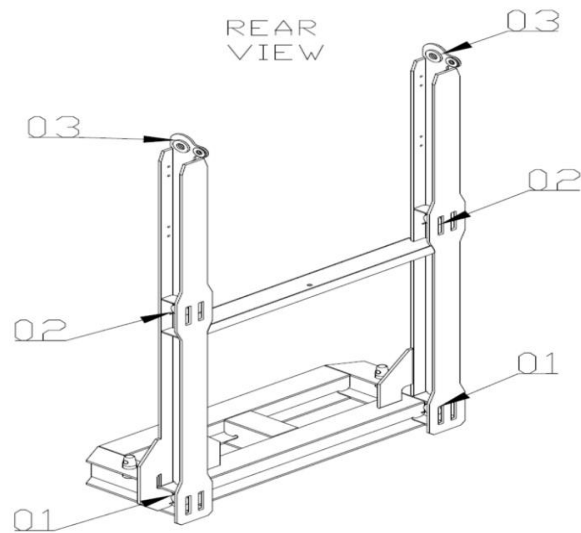
01 All weldings between stabilizer beam box and central frame

02 Reinforcing structure

03 Axels supporting hubs

04 Circular structure under slew bearing bolted flange

COUNTERWEIGHT SUPPORTING FRAME



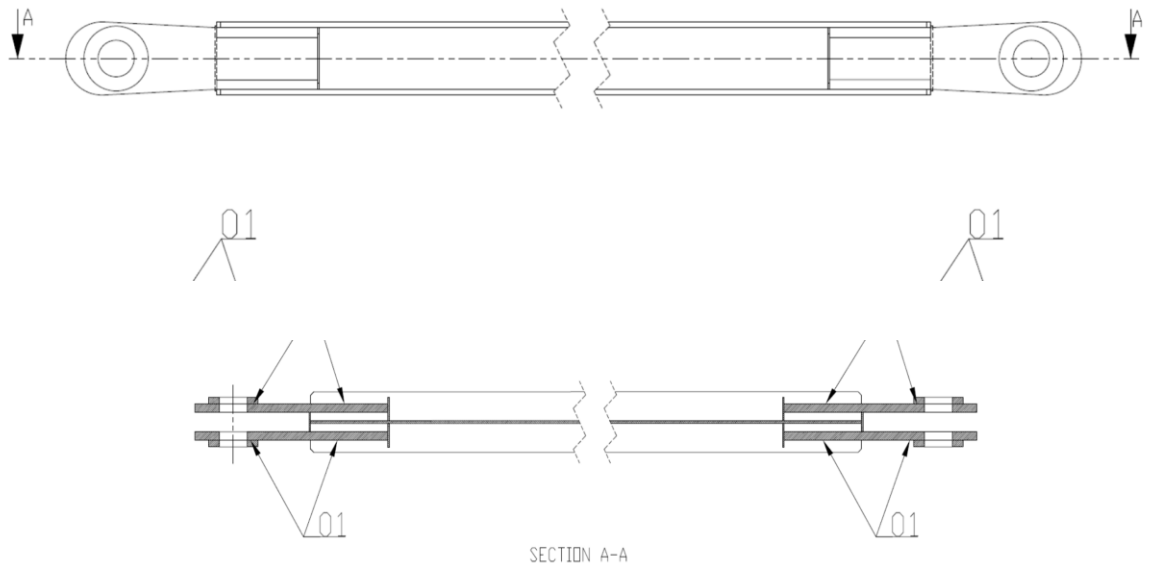
A .Check of all the weldings

01 All weldings around the pin connection with machinery room

02 All weldings around the pin connection with winches room

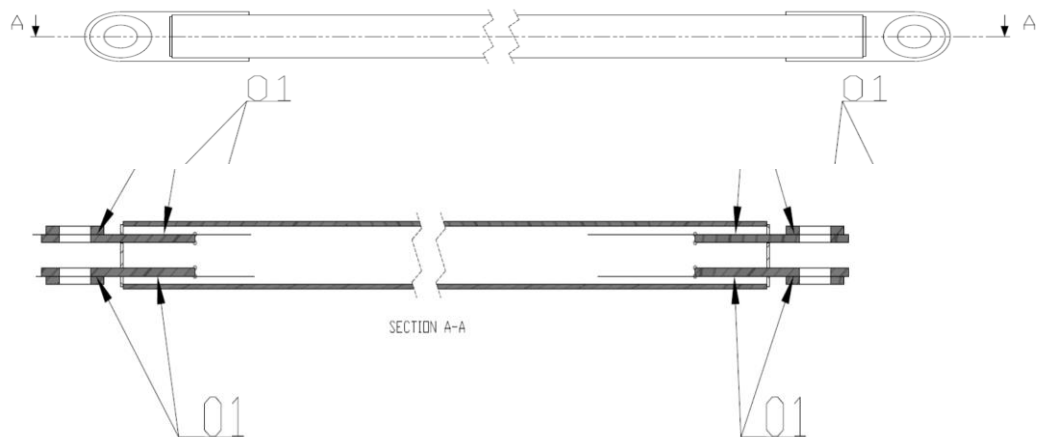
03 All weldings around tie rod and strut connection

TIE ROD



- A Check of all the weldings
01 All weldings around the pin connection

STRUT



- A. Check of all the weldings
1) All weldings around the pin connection

WINCHES

A. Check of all the weldings

- 1) All weldings related to the winch supports comprising the part integrated in the winches room base frame.
- 2) welding related to the bolted flanged connection between the winches and room and the lower column

In addition to the above items, there may be some additional points if noticed during joint inspection of the structure then NDT of these additional points are also required to be carried out by the Contractor.

2.3 Erection of required scaffolding to carry out the work shall be done by the Contractor.

2.4 Deputation of certified NDT Inspector with necessary testing equipment's duly calibrated and certified by Competent Authority.

2.5 Contractor has to complete the work within 14 days from the date of issue of LOA. The inspection report should be submitted within 07 days after completion of the NDT.

2.5.1 Necessary surface preparation of the required testing area and repainting of the same with one coat of epoxy primer and two coats of finished epoxy paint of the matching colour shall be carried out by the Contractor. Primer and paint will be supplied by Port.

2.5.2 All the tools, transportation, consumables, manpower, safety gears etc. required to carry out NDT of HMC is to be arranged by the Contractor.

2.5.3 The Assessment report & recommendation

A written report must be provided on the completion of the Inspection of the site's crane along with an equipment information sheet. The report shall contain the minimum of the following:

- Type of test used for the assessment.
- Inspection procedure & tests : its results and significant findings
- Detailed assessment report.

2.5.4 **Crane Specification:** i) Height of boom fulcrum from ground : 17.3 m

ii) Max propping base: 12 m X12 m

iii) Boom Length: 51.5 m

iv) Hoisting height under ground level: 15 m

v) Max height with tower in position: 33 m

vi) Max length with boom down position: 57.2 m

**EXECUTIVE ENGINEER (M)
EQUIPMENTS SECTION
MORMUGAO PORT AUTHORITY**

DECLARATION

“We hereby state that we are not Blacklisted/debarred/banned by any Government or Non-Government organization”

Bidder's Name

Seal and date

SECTION-III

PRICE SCHEDULE (BILL OF QUANTITIES – BOQ)

Name of the Work: “NDT on Ports Harbour Mobile Crane”

Quotation No.: CME/XEN(M)/EQUIP/HMC-02/02/2022

Sl. No.	Description	Unit	Qty. (No.)	Rate/Unit (Rs.)		GST (%)	Amount (Rs.)
				In Figures	In Words		
A	B	C	D	E	F	G	H = D × E
1	NDT Testing of Harbour Mobile Crane as indicated in the scope of work	Lumpsum	01				
Total 1 (in figures)							
Total 1 (in words)							

Date:

Signature:

Place:

Name:

Address

Office Seal of firm:

Note: 1.The offered rates shall be exclusive of GST.

2. Evaluation will be done on Basic Price (Total of price in the Price Schedule (BOQ)) and shall be considered lowest among all Bidders for award of work subject to approval by Competent Authority.

3.The rates in figures and words should be the same, any discrepancies observed, the rate indicated in words shall be considered for evaluation. Also, any discrepancy noticed while calculating amount or summing up the total, the value indicated in words shall be considered for evaluation.

BANK DETAILS FOR ECS PAYMENT

1. Name of the Bank and Branch :

2. Account Number :

3. MICR Number :

4. Type of Account :

5. IFSC Number :

6. Copy of PAN Card :

7. TIN Number :

8. GST Regn. No.:

9. EPF No. :

10. ESI Regn. No.

Firm's Sign and Seal

Place:

Date:
