

**Government of India
Bhabha Atomic Research Centre
Multidiscipline Research Group
Applied Physics Division**

Ref: APD/CB/ AMC/22/AMR/421

15/09/2022

To,

Sub: - invitation of quotations for the job of “ AMC for 2.5 Ton Vidhut make EOT crane and Load testing at de-rated capacity of 1.5 Ton at BARC, Trombay” as per attached specifications.

Due Date: 23/09/2022

Kind attention: A.M.RAWOOL

Dear Sirs,

1. Quotations are invited for the AMC as per the enclosed specifications
2. Bidder shall quote for AMC as per specs.
3. Bidder shall take out an insurance policy in favour of BARC for any free issue material supplied.
4. Taxes shall be quoted separately. Form H shall be provided where necessary.
5. The quotations must reach, Head, Applied Physics Division on or before the due date referred above and must be sent in a sealed envelope superscribed with the above reference number and due date. By SPEED POST only.
6. The address on the envelope should read :

The Head,
Applied Physics Division, PURNIMA LABS,
Bhabha Atomic Research Centre
Trombay, Mumbai - 400 085.
Attn : Mr. A.M.Rawool
7. The fabrication work/ repair work /AMC shall be subject to inspection by our representative. The finished components shall not be dispatched prior to approval by our representative at the bidder's works. Necessary inspection facilities should be provided to our engineers during fabrication at bidder's premises.
8. The bidder shall deliver the finished components after approval by our representative, within 1 months from the date of the firm purchase order issued to the bidder. The finished components shall be delivered by the bidder at BARC,Trombay..
9. Head, Applied Physics Division, BARC, reserves the right to accept/reject any or all quotations without assigning any reason.
10. Payment will be made by cheque /RTGS only after satisfactory completion of work on production of bill, delivery challan and advance stamped receipt. It may be noted that IT @ 2% and surcharge on tax shall be deducted from your bills.
11. Job will be guaranteed against material and manufacturing defects for 1 year from the date of supply.

(A.M.Rawool)
for and on behalf of.
Head, Applied Physics Division

Terms & Conditions

1. **Service Charges:** Service Charges accepted shall be firm during the currency of the Contract.
2. **Option:**
 - a) While the contract is intended to be valid for a period of ONE year, this Division reserves the right to terminate this contract by giving a notice of one month and without any financial obligation on the part of this Division. In the event of cancellation of the contract for a reason or the other the payment for service carried out will be paid on pro-rata basis.
 - b) Proportionate amount shall be deducted from AMC charges for non-servicing period.
3. **Emergency Call:** Emergency/Breakdown call from the user department should be attended immediately but not later than 24 hours at no extra cost.
4. **Scope of work:**
 1. **Servicing and Maintenance of 2.5 Ton Vidhut make Double Girder EOT crane during the currency of the contract as per following**
 - i) This work involves the overhauling and Complete cleaning of entire crane body / outer surface, crab, platform, panels etc.
 - ii) Checking the conditions of rails, clamps, structure.
 - iii) Operation of crane including Movement of cranes long / short run, left / right, limit switch, gear operation etc.
 - iv) Current measurement.
 - v) Performances testing of crane which shall involve smoothness of Crane movement, brake operation, hoist slippage and limit switch working.
 - vi) Alignment of wheels to gear box.
 - vii) Working condition of limit switch during crosses / long travel mode.
 - viii) Checking of Safety parameter of crane and details reporting.
 - ix) Hoisting speed / Maximum speed- required / observed for cross / long travel mode /micro mode.
 - x) Checking of Gear Box oil level and refilling if required.
 - xi) Testing of Brake arrangement and deflection measurement on load hold position
 - xii) Cleaning / greasing/lubrication of mechanical components like wire rope, gear box, pedestal & bearing and checking physical condition of wire rope, gear box etc during working condition.
 - xiii) Checking the conditions of couplings, drums, wheels, protective coatings, hook, hook block etc and replace/repair if required.
 - xiv) Checking the conditions electrical components like motor condition, cable termination, contactor condition, wiring, insulation, limit switch, earthing connections, push button, phase indicator lamp etc and replace/repair if required.
 - xv) Submitting of detailed quarterly report of servicing / testing /safety parameter/ under working condition during the currency of contract
 2. **Load Testing during the currency of the contract**
 - i) Load testing – Load testing shall be done at 1.9 Ton as per IS: 3177.
 - ii) Arrangement for shifting of dead load of 1.9 Ton at test site (CBB, Purnima Labs, BARC, Trombay, Mumbai-400085) for load testing from a typical door of width 1.5 meters. Required Loads for load testing shall be arranged by the contractor.
 - iii) Full load current at rated load (1.9T) of cross / long travel motors.
 - iv) Deflection test – allowable / actual
 - v) Hoisting speed / Maximum speed- required / observed for cross / long travel mode
 - vi) Safe operation of the gears / motors/ breaks / limit switch etc.

vii) Load testing Report at the start and end of the contract and shall be submitted by the contractor after testing as per IS standard. It shall include load, deflection, rated current, motor amps both for fast and micro both for main and auxiliary for hoist, cross travel and long travel.

3) To repair defects during the currency of the contract.

4) To keep the equipment in upto date condition during the currency of the contract.

5. **Replacement of spare parts:** The cost of the spare part replaced during the currency of the contract will be paid extra at actuals. However, the parts may be replaced with approval of user department regarding the reasonableness of cost and necessity of replacement. Request for a list of common spares needed for proper working may please be intimated to user department to enable them to stock the same.

6. **Payment:**

a) Please forward your **pro-forma invoice in triplicate indicating the service contract number and date, for arranging payment.**

b) 100% payment for spares will be released on receipt of bill duly certified by the user department indicating the spares have been actually replaced and rates are reasonable.

7. **Bills:**

a) Bill and cash receipts for payment may be forwarded to the undersigned indicating our contract number for record.

b) Bill for spares replaced during the service contract period may please be forwarded to Head of the Division, BARC duly certified by the user department that the spares have been actually replaced and cost is reasonable.

8. **Completion Report:** A completion report may please be forwarded to this Office with copy to the user department after completion of the last servicing but well before the expiry of the contract certifying that the equipment have been serviced as per the terms and conditions of the contract and also with your proposal for extension of the contract if any, indicating our contract No. and date for our consideration.

9. Please ensure that our service contract number is quoted in all correspondences and bills etc.

10. Kindly acknowledge receipt and confirm that the servicing repair will be carried out in terms of the contract.

11. Income Tax, Surcharges and Edu. Cess as applicable will be deducted from the bills.

Confidentiality Clause:

I. Confidentiality: No party shall disclose any information to any third party concerning the matters under this contract generally. In particular, any information identified as "Proprietary" in nature by the disclosing party shall be kept strictly confidential by the receiving party and shall not be disclosed to any third party without the prior written consent of the original disclosing party.

This clause shall apply to the sub-contractors, adviser or the employees engaged by a party with equal force.

II. "Restricted information" categories under Section-19 of the Atomic Energy Act, 1962 and "Official Secrets" under Section-5 of the Official Secrets Act, 1923: Any contravention of the above-mentioned provision by any contractor, sub-contractor, consultant, adviser or the employees of a contractor will invite penal consequences under the aforesaid legislation.

III. Prohibition against use of BARC's name without permission for publicity purposes: The contractor, sub-contractor, consultant, adviser or the employees engaged by the contractor shall not use BARC's name for any publicity purpose through any public media like Press, Radio, TV or Internet without the prior written approval of BARC