



भारतसरकार
Government of India
भाभापरमाणुअनुसंधानकेन्द्र
BHABHA ATOMIC RESEARCH CENTRE
Radiation Safety Systems Division
Emergency Preparedness & Response Section

Ref: HSEG/RSSD/EPRS/22/ 259

Date: 22/06/2022

Subject: Invitation of Quotation for fabrication of mobile radiological assessment laboratory

On behalf of the President of India, Head, EPRS, Radiation Safety Systems Division invites quotation in sealed envelope for the work given below as per the technical specifications enclosed in Annexure A

Description of work	Completion period
Design and Fabrication of "Mobile radiological assessment laboratory" on a TML make Winger AMB FL 35SH as per "Annexure B"	75 days from the date of issue of work order

The terms and conditions are given below:

1. Qualifying Criteria for Bidders: The Firm shall preferably have accreditation for automobile body building with ARAI and authorised bodybuilders or TML vehicles. The work premises of the bidding firm should be located within the Mumbai Metropolitan Region. The experience of the firm in similar nature of work for DAE or similar central government/state government bodies/PSU's shall be made available with work order copy and satisfactory completion certificate from the user.
2. Quotation in sealed envelope is invited for and on behalf of The President of India for the above mentioned job with technical specifications detailed in Annexure-A and B. You are hereby required to quote as per the following guidelines:

The quotations in duplicate must reach "Head, EPRS, Radiation Safety Systems Division, Mod Labs, BARC, Trombay, Mumbai 400085" on or before **30/07/2022** in a sealed envelope, super scribed "**Design and Fabrication of Mobile Radiological Assessment Laboratory**" with the reference number and due date given above by registered post/speed post of India Posts only.

The address for posting the quotation is:

(Kind Attn: Dr. Anand Raman)
Head, Emergency Preparedness Response Section
Radiation safety Systems Division
Bhabha Atomic Research Centre
Trombay, Mumbai 400085

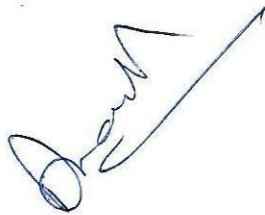
3. **Quote Format:** Bidder is requested to quote for the above job on lump-sum/break-up basis as per the scope of work along with applicable taxes. Quotation price format will be like Rs..... (Basic lump sum cost) + Rs.....applicable taxes (GST) = Rs..... (Total cost).
4. **Printed Letter Head:** Quotation should be printed on the letter head; computer generated quotation is not valid.
5. **GST/PAN Number:** Quotation must contain the GST and PAN number of the firm.
6. **Validity of the Offer:** Validity of the offer shall be **90 days** from date of opening of quotation.
7. **Guarantee:** Bidder shall have to give guarantee of the quality and workmanship of work done for the period of 12 months from the date of completion of the work. Bidder shall provide a

- comprehensive onsite warranty of all the items supplied including spare parts and control systems for 12 months from the date of completion of the work
8. **Offer of Firm:** Offer of those bidders, who do not submit their quotation as per the details given in the technical specification and price bid mentioned in the tender will be rejected. Incomplete quotations in any respect shall not be considered.
 9. **Criteria for Evaluation of Tender:** Evaluation will be done based on total cost. Technical suitable lowest offer will be considered for awarding the work order.
 10. **Payment Terms:** Accounts Division, BARC, Mumbai-400085 shall make full and final payment only after submission of the satisfactory work completion certificate & site clearance certificate issued by the undersigned, bill, advanced stamped receipt, delivery challan and guarantee certificate. GST undertaking as per annexure 2 is to be submitted along with bill. No advance is admissible.
 11. **Concessional GST:** Since the goods are to be supplied against the work order meant for research purpose of a research organization under DAE, concessional GST @ 5% will be applicable. Exemption certificate for concessional GST shall be provided separately.
 12. **Income Tax Recovery Clause:** Income tax @ 2% and GST TDS @ 2% will be deducted from the bill.
 13. An undertaking is to be submitted along with bill **confirming the filling of income tax return for preceding two years** as per format attached in Annexure 3.
 14. If any of the employee, consultant or partner of the bidder's company is an Ex-BARC employee, the same must be stated in the quotation clearly.
 15. **Penalty:** Any delay, which is attributable to the vendor/contractor, is liable for penalty @ 0.5% per week (max. 5%) and shall be imposed on contractor.
 16. **Inspection Clause:** The work will be subject to inspection by our engineers during fabrication at the work place of the firm a) Before commencement of work, b) After completion of super structure and c) Final inspection before delivery.
 17. Detailed layout drawing/sketches for the design of the mobile radiological assessment laboratory will be made available on request by Dr. Anand Raman through email(anandr@barc.gov.in), Telephone number: 022 - 25596982/25592620.



22-06-2022.

Dr. Anand Raman
SO/IF
EPRS/RSSD



Annexure B

The following features must be incorporated in the fabrication of the mobile radiological assessment laboratory.

1. A workbench (SS304) on the Left side wall of the mobile radiological assessment laboratory to accommodate
 - (a) Beta/gamma counting system with lead shield enclosure
 - (b) Alpha Counting system
 - (c) Thyroid monitoring system
 - (d) Air sampling station
 - (e) Additional holding space for desktop/laptops
2. Cabinets (SS304) three numbers, below the workbench with drawer assembly at the top followed by fixed locker door equipped shelves, through the length of the workbench.
3. Reinforcement and Fixture provision for holding EJ200 (2000L x 140W x 45D) detector blocks at 1m distance above ground level on left hand side and right hand side walls of the mobile radiological assessment laboratory
4. Reinforcement and Fixture provision for holding four numbers of 500H x 70D plastic scintillator detectors on left hand side and right hand side walls of the mobile radiological assessment laboratory
5. A workbench(SS304) at the front side (opposite the entry door) of the mobile radiological assessment laboratory to accommodate gamma spectrometry system with associated processing units.
6. Long overhead cabinet made in SS 304/ACP with open able flaps on right hand and left hand side walls.
7. Concealed AC and DC power lines along the right hand side and left hand side walls besides the front side wall of the laboratory.
8. Ten number of DC power points and two number of AC power points on left hand side wall, six number of DC power points and two number of AC power points on right side wall and three number of DC and AC power points on front side wall.
9. Three numbers of revolving (90 deg) chairs with push back comfort features along the length of the laboratory.
10. GI section partition behind driver covered with .91 mm SS 304/ACP sheet inside of operator compartment and aluminium sheet in driver compartment.
11. GI profile section super structure for interior of the operator compartment.
12. 38 mm insulation for roof and sides.
13. Interior with .91mm SS 304/ACP panelling.
14. 16 mm marine plywood with .91mm SS sheet/vinyl for flooring
15. AC coach fan-2 no. for operator compartment.
16. DC LED roof light-2 no. for operator compartment.
17. AC LED roof light-4 no. for operator compartment
18. 32" SMART branded Android LED TV fitted on the front side of the laboratory.
19. 1.7 kVA inverter with 150 AH batteries
20. Positive air ventilation system
21. Polyester cloth curtains for all windows
22. Digital wall clock
23. SS dustbin
24. Fire extinguisher 2kg
25. First aid box