सत्यमेव जयते

Vashi Complex,
Navi Mumbai - 400 703
Tel : **2788 7151**
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Government of India
Bhabha Atomic Research Centre
POWDER METALLURGY DIVISION

Ref.: PMD/AMC/2022/ 31285

February 14, 2022

To

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Tender Enquiry

Sub: Annual Maintenance Contract of centralized addressable fire Alarm system for three years at Powder Metallurgy Division, Vashi Complex.

For & On behalf of the President of India, quotations are invited by the undersigned for above said work to be carried out at Powder Metallurgy Division, Vashi Complex, Navi Mumbai-400 703. The scope of work is detailed below.

Nature /Description of Work	
Annual Maintenance Contract of centralized addressable fire Alarm system for three years at Powder Metallurgy Division. As per attached ANNEXURE **-1**	1 Job

Please note that it is a **Two-part tender.** The technical and commercial bids shall be submitted separately in two sealed envelopes, should super-scribed as **"Technical Bid"** and **"Commercial Bid"** duly furnishing all the required information. These bids should be placed in single muster envelope, which should be super-scribed as "Maintenance Contract for centralized addressable fire Alarm system at PMD, Vashi Complex Navi Mumbai" and addressed to following person, should reach him on or before the date and time mentioned. The quotation should be sent only by speed post or registered post of Indian Postal Department. Tender number, due date and subject are to be clearly mentioned on all the three envelop. Otherwise, quotation will be ignored. Vendors are also instructed not to include any financial value or term in technical bid.

M P. Wasnik Scientific Officer (D) SMMS, PMD, BARC, Vashi Complex, Sector 20 Navi Mumbai 400 703	**On or before 04/03/2022 at 16.30 hrs**

Terms and conditions for qualify technical bid

- Vendor should be familiar with maintenance and servicing wok of Fire Alarm system and their related software.
- Vender should have valid license issued by Directorate of Maharashtra Fire Service for fire detection and suppression system. Copy to be attached along with technical bid
- Vendor must have experience of similar kind of work in DAE for at least three-year. PO copy of the work order to be attached in technical bid.

- Vendor should have experienced manpower with valid PVC certificate to carry out work.
- Vendor shall clearly mention whether he accepts all the scopes of work and terms & conditions mentioned in tender document.

Terms and conditions for qualify financial bid

- It contains all financial terms and price of the complete work as mentioned in the scope of work.
- All taxes are to be mentioned clearly.
- Vendor shall clearly mention whether he accept all the financial terms and conditions mentioned in the tender document.
- Validity of the offer shall be mentioned clearly.

Site Visit:

- It is mandatory to visit the site to comprehend the scope of work and site conditions with prior intimation, before submission of the offer. The site can be visited on working days between 10.00 Hrs. to 15.00 Hrs. however, for site visit prior intimation of at least three working days is necessary for arranging the entry permits. For preparing entry permit, the supplier can contact undersigned on phone No. 022-27887176 or mail to mwasnik@barc.gov.in giving complete details. Viz Name of firm, Name of visitor, occupation/designation, Identity proof, PVC details, Probable date of visit etc. **Offer submitted by the vendor/contractor who have not visited site shall be considered invalid.**
- In case any technical doubts, supplier shall contact the undersigned for clarifications

Instructions to the Vendors

- The party should write in words as well as figures, the rate(s) quoted by him. All corrections must be attested by the dated initials of the tenderer.
- The party may note that in case the work is awarded to him, he has to produce police verification certificate for the employees to be deputed for fabrication and erection work inside the BARC/BRIT complex, Navi Mumbai.
- Income-Tax @ 2% and GST TDS @2% shall be deducted from the bill. The payment for the work done shall be paid by our Accounts Division only on satisfactory completion of the maintenance of system within one month.
- The supplier must provide PAN No. and GST No. of the firm/company along with offer.
- The acceptance of the tender rests upon the undersigned with a right to reject the tender without assigning any reason.

Thanking you

Yours faithfully

(M.P. Wasnik)
Scientific Officer (D)
Tel : 2788 7176

Annexure - 1

Annual Maintenance Contract for centralized addressable Fir Alarm system for three years at Powder Metallurgy Division. Vashi Complex.

1. General:

Fire Alarm system maintenance work is intended to reduce the number of repairs and downtime for operational failures. This shall be accomplished by performing regularly scheduled maintenance, checking complete system, cleaning of fire detectors, replacing of faulty devices and checking the connectivity.

2. Scope of work:

- **Period of Contract**:
  This is a Non-comprehensive **Three years** maintenance contract for Fire Alarm System installed at PMD Vashi complex Navi Mumbai. This contract is intended to be valid for a period of three years. This Unit reserves the right to terminate this contract by giving a notice of one month and without any financial obligation on the part of the Unit. In the event of cancellation of the contract for a reason or the other the payment for services carried out will paid on pro-rate basis. Proportionate amount from AMC charges shall be deducted for non-servicing period.
- **Monthly Visit:**
  Monthly visit mandatory for testing/checking complete system and report preparation for log files generated in the software.
- **Quarterly preventive Maintenance includes:**
  1. Maintenance and repair of above said system includes routine checkup, preventive maintenance after every 3 months and service calls of breakdown and replacement of spares.
  2. Preventive maintenance of all electrical/electronic systems includes fire alarm addressable panel, network active repeater panel, fire detectors, manual call points, sounders, management software and network modules etc. to be carried out for trouble free performance of the system.
  3. Checking of all electrical/ electronic connection including ground wire connections.
  4. Cleaning of all the detectors shall be carried out as specified by OEM standards.
  5. Functional and operational check of all devices according to the manufacture's recommendations.
  6. Checking connectivity of all devices in the loop via software as per OEM standards before and after cleaning.
  7. Checking of all power supply unit, power chords and communication cables.
  8. Checking of keypads and displays of all the panels.
  9. A visual inspection shall be made to confirm that all the cable fittings and equipment's are secure, undamaged and adequately protected.
  10. Spares required for AMC will be provide by PMD during maintenance.
  11. The defective parts removed from the system will be the property of PMD.
  12. Preparing and handling over the test and service report of the system quarterly.

- **Breakdown Maintenance**: -

  1. Breakdown calls shall be attended as and when required. Corrective maintenance includes maintenance activity after breakdown of hardware and entails running of diagnostics, identification of the fault and taking suitable action to rectify the fault.

2. In case break-downs are not attended within 24 hours of intimation, down-tir compensation @ 0.5% of Annual Maintenances charges per days shall be recovered from vendor subject to maximum of 5%.
3. The problem should be identified and rectify immediately. If replacement is required, replace faulty device subjected to availability with PMD representative. If the spares are not available then party should provide specification of faulty component immediately, so that the user can purchase it at the earliest to make system operational.

3. Schedule of Quantity

Sr. No.	Module/Equipment Descriptions	Make-Model No.	Quantity
01.	Fire alarm addressable panel	Honeywell-Esser-FACP	3 Nos.
02.	Fire alarm Network Active Repeater Panel	Honeywell-Esser-808003	6 Nos.
03.	Fire detectors located at different heights (3.5 m, 5m & 7m)	Honeywell-Esser-802374	275 Nos.
04.	Manual Call Point (MCP)	Honeywell-Esser-804905	27 Nos.
05.	Addressable fire Alarm Sounder	Honeywell-Esser-807224	28 Nos.
06.	Alarm Management Software	Honeywell-Esser-FlexES Guard	1 No.
07.	Programming and service software	Honeywell-Esser-Tools 8000	1 No.
08.	Essernet Network Module	Honeywell-Esser	1 No.

4. Other Terms and conditions

- Party shall arrange all equipment and personnel required for the successful completion of the maintenance of system. Contractor shall stick to the schedule given for maintenance of Fire Alarm System and complete the work before work order expiry. No extension will be given.
- The contractor has to carry out the job maintaining all the safety norms. The contractor has to provide safety helmet and safety goggles to staff employed for execution of the work at site.
- Party should do the needful things, which may not be specifically mentioned in above, but necessary for the completeness of work, without any additional cost.
- Work shall be carried out during working hours i.e. 9.30 A.M. to 5.00 P.M. Monday to Friday. Prior permission will be required to work in holidays and beyond office hours on working and holidays.
- Party may note that the staff employed for execution of work at site will have police verification certificate.
- This work involves working in restricted area with security restrictions on entry of workers, working time etc.
- Party should arrange transport of materials required for carrying out the work in advance. Please note material/ tools etc entry to the site & their exits is subjected to security check.
- No free issue material will be provided.
- The supplier/bidder, who requires technical clarification, may contact Shir M. P. Wasnik on Telephone No. 27887176

5. Prices

- Offered should be yearly basis including the entire scope of work (Maintenance, testing commissioning, taxes, packing and forwarding, transportation charges).

6. Payment

- At the end of each six months of AMC period and submission of the following document
  1. Service Reports
  2. Advance Stamped Receipt.
  3. Original Bill including GST

7. Income Tax

- Income Tax @2% and surcharge on tax as applicable shall be deducted from vendor's bill.

8. Safety

- Party should follow all the safety procedure while working inside BARC Vashi complex. During the execution of the work order party will be responsible for all safety precautions to be maintained in the work area. The party should arrange all the safety appliances.
- All the personnel of the contractor should take care of safety and follow the industrial safety regulation while working at site. Specific personnel protective equipment (PPE) required for the job will be provided by BARC as and when required. Any mishap occurring on the job due to unsafe work practice shall be vendor's liability.

9. Security

- Police Verification Certificates (PVC) is required for supervisor and all workers employed by the contractor inside the BARC Vashi Complex. Security instructions on entry of workers, working time etc. are to be followed strictly.

10. Terms and conditions

Confidentiality: No party shall disclose any information to any third party concerning the matters under this contract generally. In particular, any information identified as **"Proprietory"** 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, consultants, advisers or the employees engaged by a party with equal force.

"Restricted information" categories under Section 18 of the Atomic Energy Act, 1962 and "Official Secrets" under Section 5 of the Official Secrets Act, 1923:

Any contravention of the above –mentioned provisions by any contractor, sub-contractor, consultant, adviser or the employees of a contractor will invite penal consequences under the aforesaid legislation.

Prohibition against use of BARC's name without permission for publicity purposes:

The contractor or 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.

Party should write clearly the Tender No. and due date on the top of envelope. Quotation should be submitted on printed letter head. Party should mention their PAN/GST No on top of quotation.

Thanking you,

14/02/2025

(M.P. Wasnik)
Scientific Officer (D)
SMMS,PMD, BARC Vashi Complex
Navi Mumbai – 400 703
Tel : 2788 7175 / 7176