MINOR FABRICATION

Sub: Annual Maintenance Contract for centralized addressable Fire Alarm system (as per annexure) at PMD, BARC, Vashi Complex.

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

Annual Maintenance Contract for centralized addressable Fire Alarm system (as per annexure) at PMD, BARC, Vashi Complex.

The quotation in sealed cover should be superscribed as “Annual Maintenance Contract for centralized addressable Fire Alarm system (as per annexure) at PMD, BARC, Vashi Complex.” and should be addressed to following person and should reach him/her by Speed Post/Registered Post through Indian Postal Service only on or before the date and time mentioned below.

Sneha G. Kotkar(SO/D),
Powder Metallurgy Division, BARC, Vashi Complex,
Navi Mumbai 400 703

On or before 14th November, 2019 at 15.00 hrs.
**Instructions to the tenderer:**

The tenderer should write in words as well as figures, the rate(s) quoted by him. PAN No should be mentioned on the tender. All corrections must be attested by the dated initials of the tenderer.

The tenderer 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 the work inside the BARC/BRIT complex, Navi Mumbai.

Income-Tax and surcharge on income-tax as applicable 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 work within one month.

The acceptance of the tender rests upon the undersigned with a right to reject the tender without assigning any reason.

**Note:** The tenderer must visit to work site at PMD Vashi Complex prior to making an offer, in order to clearly understand the quantum of job involved.

Thanking you,

Your's faithfully

Sneha G. Kotkar

SO/D, PMD

To

Head, SIRD, BARC for kind display in BARC website

APO, GEN, DCSEM
APO, AERB
APO, PMD
APO, BRIT, Vashi

With request to display on notice boards
Annexure

Scope of Work:

Annual Maintenance Contract for centralized addressable Fire Alarm system (as per annexure) at PMD, BARC, Vashi Complex-01 Job.

The scope of work is to provide maintenance service and to replace the faulty devices in the Fire Alarm System at PMD, BARC, Vashi Complex.

Schedule of Quantities:

Honeywell make fire detectors, sounders, MCPs, panels and network card are installed in our facility to form a centralized Fire Alarm System. The description and quantity of all the modules is given below:

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Module/Equipment Description</th>
<th>Make-Model No.</th>
<th>Quantity (Nos.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Fire alarm addressable panel</td>
<td>Honeywell-Esser-</td>
<td>03</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FACP</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Fire Alarm Network Active Repeater Panel</td>
<td>Honeywell-Esser-</td>
<td>06</td>
</tr>
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<td></td>
<td></td>
<td>808003</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Fire detectors located at different heights (3.5m, 5m &amp; 7m)</td>
<td>Honeywell-Esser-</td>
<td>196</td>
</tr>
<tr>
<td></td>
<td></td>
<td>802374</td>
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</tr>
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<td></td>
<td></td>
<td>804905</td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td>Addressable Fire Alarm Sounder</td>
<td>Honeywell-Esser-</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td></td>
<td>807224</td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td>Alarm Management Software</td>
<td>Honeywell- Esser-FlexES Guard</td>
<td>01</td>
</tr>
<tr>
<td>7.</td>
<td>Programming and service software</td>
<td>Honeywell-Esser-</td>
<td>01</td>
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<td></td>
<td>Tools 8000</td>
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<tr>
<td>8.</td>
<td>Essernet Network Module</td>
<td>Honeywell- Esser</td>
<td>01</td>
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</tbody>
</table>
Description of work:

1. **General**

FAS maintenance work is intended to reduce the amount of repairs and downtime from operational failures. This shall be accomplished by performing regularly scheduled maintenance, cleaning of fire detectors and checking the connectivity.

2. **Scope of Work**

During the period of non comprehensive maintenance contract, the firm shall perform and carry out the following maintenance work related to Fire Alarm System. All the testing and cleaning work should be done as per the OEM standards.

Maintenance Schedule should be as follows:

i. **Monthly maintenance:**

Monthly visit for testing the Fire Alarm System and entire system health checkup. Checking the connectivity of all the devices in the loop via software as per OEM standards. Checking and report preparation of the log files generated in the software.

ii. **Quarterly visit** for preventive maintenance should include the following:

a. Tightening and adjusting of all hardware and checking ground wire connection.

b. Cleaning of all the detectors (total 196 smoke detectors located at different heights) shall be carried out as specified by the OEM standards.

c. Functional and operational check of all devices according to the manufacturer’s recommendation.

d. Checking the connectivity of all the devices in the loop via software as per OEM standards before and after cleaning.

e. The connection of power supply unit, power chords and communication cable shall be checked.

f. Keypads and display functionality check of all the Panels.

g. A visual inspection shall be made to confirm that all the cable fittings and equipments are secure, undamaged and adequately protected.

h. Preparing and handling over the test and service report of the system quarterly.

iii. **Breakdown Maintenance:** In this category all the breakdown calls to be attended within 24 hours of logging the complaint at no extra cost. The problem should be identified and rectified. If replacement is required replace the faulty device if the
spare part is available with the user. If the spares are not available with the users the party must provide the specification of the spares, so that the user can purchase it at the earliest, and the party must replace it to make the system operational.

iv. **Note**: If any device/part of equipment is found faulty and need replacement the party must provide the detailed specification of the same so that the user can procure and the party must replace it.

3. **Contract Period:**
The initial contract shall be one year from commencement date. Upon mutual agreement the contract may be renewed for one year renewal period.

4. **General Notes:**

   A. Bidder should visit the site to get himself/herself appraised with the quantum of work involved for the execution of job.

   B. The party should have prior experience of installation, commissioning or servicing of Fire Alarm system of Honeywell Esser make and shall submit job completion reports.

   C. All the testing & fitting related works will be carried out at PMD, Vashi complex. All testing & fittings related materials/tools have to be arranged by the bidder.

   D. Security: Police verification certificates (PVC) are required for supervisor and all workers employed by the contractor inside BARC. Security instructions on entry of workers, working time etc. are to be followed strictly.

   E. Safety: All the personnel of the contractor deployed for the work should follow the safety guidelines as per the work permit given by the Division while working at site. Any mishap/injury occurring to the deployed personnel due to unsafe work practice shall be vendor’s liability.

   F. **Payment shall be made on quarterly basis**, only on satisfactorily completion of work and on submission of bills (in triplicate) and advance stamped receipt. The party
should provide their PAN and GST registration number on the bills. The bills should be addressed to Accounts Officer, BARC, Trombay and sent to the undersigned.

G. No free issue material will be provided for this work.

H. For any queries the party may contact Sneha G Kotkar (Tel. No. 27887184) / Trupti Mohanty (Tel No 2788 7163) of Powder Metallurgy division, BARC.