



TROMBAY,  
MUMBAI - 400 085

GOVERNMENT OF INDIA  
BHABHA ATOMIC RESEARCH CENTRE  
COMPUTER DIVISION

Ref : BARC/COMP/2022/472

Date : 08/12/2022

Sub : Invitation of quotations for installation of equipment

Tender No. : BARC/COMP/2022/WO-1 Dtd. 08/12/2022

Last date/time for receipt of quotations: 04 January 2023 up to 14.30 Hrs.

Dear Sir,

Quotations are invited for installation of RFID card readers as indicated below, subject to following terms and conditions.

Job description:

Sr. No.	Item Description	Quantity
1	Installation of RFID card reader (2 no. of readers per node) Technical specifications and Terms & Conditions given in <b>Annexure 1</b> enclosed.	40 Nodes

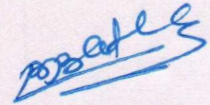
General terms and conditions:

1. Quotation should be on Printed Letter Head and should consist of Company Seal with authorized signature, GST registration number, PAN of the firm etc. Quotations in computer-generated forms will be considered as invalid.
2. Rates shall be type written only and hand written rates shall not be considered.
3. Prices should be quoted in figures and words both. In case of discrepancy between the two, price mentioned in words will prevail.
4. Quotations should be valid for at least 90 days from the date of enquiry.
5. Quotations should indicate clearly Tender No. and due date.
6. Taxes etc. shall be quoted separately. Quotations should clearly mention applicable taxes.
7. The sealed quotation shall be sent **through registered post/speed post through Indian postal services only**. Quotation delivered by person or through courier will not be accepted and not considered for bidding process.
8. The quotation must reach Head, Secure Applications Section, Computer Division **on or before the due date 04 January 2023 up to 14.30 Hrs.** and must be sent in a sealed envelop superscribed with the above Tender number and due date. The quotations will be opened on the same working day (04 January 2023) in Accounts Division, BARC between 15.00 to 16.00 Hrs.
9. The address on the envelop should read:

Kind Attention: Mr. Bhagwan N. Bathe, SO/G, Computer Division  
To,

The Head,  
Secure Applications Section,  
Computer Division,  
Bhabha Atomic Research Centre,  
Trombay, Mumbai - 400 085

10. The installation work shall be subject to inspection by our representative.
11. The bidder shall complete installation work at BARC within twelve months from the date of the firm Work Order issued to the bidder.
12. Head, Secure Applications Section, Computer Division, BARC, reserves the right to accept/reject any or all quotations without assigning any reason.
13. Payment will be released only after satisfactory completion of work on production of bill, delivery challan, advance stamp receipt for the amount, duly filled payment details form and GST undertaking form. No any advance payment will be made for this job. It may be noted that Income Tax (I.T.) & surcharge on I.T. and Education Cess as applicable will be deducted at source from your bill as per the rules.
14. The quotations received after the due date and by FAX/email will not be considered.
15. For any further clarifications, bidder can contact undersigned on any working day.



Bhagwan N. Bathe  
SO/G, Computer Division  
Tel No. 25595361, email : bathebn@barc.gov.in

## Annexure -1

### Technical Specifications

Installation of RFID card readers with related accessories (02 no. of readers per node):

Quantity: 40 Nodes max. (To be paid as per actual work done quantity)

Duration of work: The work to be completed within **the period of twelve months** from date of the work order.

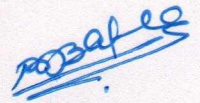
Description of work to do: The installation comprise of execution of following work at BARC, Trombay.

Sr.	Description of work
1	<p>Fixing and integration of RFID card readers with related accessories:</p> <p><b>A. List of the material to fix per node:</b> (Will be supplied by BARC at the time of execution of work).</p> <ul style="list-style-type: none"><li>a) RFID reader: 2 nos.</li><li>b) RFID readers with weatherproof housing: 2 nos.</li><li>c) Metal brackets (Stand) for fixing RFID Readers' Housings: 1 no. OR SS Stand: 1 no.</li><li>d) DC Power Supply for RFID Readers: 1 no.</li><li>e) 8 Port Ethernet Switch: 1 no.</li><li>f) PVC/Metal junction box/ enclosure: 1 no.</li><li>g) 3 Pin 5 Amp. AC Power Switch-Sockets: 1 no.</li><li>h) Power Distribution Unit : 1 no.</li></ul> <p><b>B. Description of work to do per node:</b></p> <ul style="list-style-type: none"><li>a) Fixing of metal brackets on a wall or on SS Stand or on Glass Door at suitable locations at entry point of the building / gates.</li><li>b) Fixing of weather proof housing on a metal / wooden brackets.</li><li>c) Fixing of RFID reader inside the weatherproof housing.</li><li>d) Fixing of DC Power Supply on wall/ in PVC/Metal junction box/ enclosure.</li><li>e) Fixing of PVC/Metal junction box/ enclosure at location identified.</li><li>f) Fixing of Ethernet Switch in PVC/Metal junction box/ enclosure.</li><li>g) Fixing of 3 PIN AC Power Switch-Socket and Power Distribution Unit.</li></ul>
2	<p>Laying of Cat 5e/CAT 6 LAN cable, 3 Core/4 Core/2 Core power/signal cables:</p> <p><b>A. List of the material required for cabling:</b> (Will be supplied by BARC at the time of execution of work):</p> <ul style="list-style-type: none"><li>a) CAT 5e LAN cable: 20 meters max.</li><li>b) 2 core/ 3 core/ 4 core power/ signal cables: 15 meter max.</li><li>c) PVC casing-capping, PVC Conduit, PVC Flexible Conduit, Metal Conduit: 10 meters max.</li><li>d) RJ-45 Connectors: 6 nos.</li></ul> <p><b>B. Description of cabling work to do:</b></p> <ul style="list-style-type: none"><li>a) Pulling of CAT 5e / CAT 6 LAN cable through PVC Casing-Capping or PVC/metal/flexible conduit as follows:<ul style="list-style-type: none"><li>i) From Main Network Switch to Ethernet Switch fixed at RFID Reader location for network connectivity.</li><li>ii) From Ethernet Switch to RFID Readers</li></ul></li><li>b) Pulling of 4 core DC power/signal cable from DC power supply to RFID reader through PVC Casing-Capping or PVC/metal/flexible conduit.</li><li>c) Pulling 3 core AC power cable from AC Power distribution point to AC socket through PVC Casing-Capping or PVC/metal/flexible conduit.</li><li>d) Crimping of LAN cable with RJ-45 connectors at both ends.</li></ul>
3	<p>Integration, Termination of all the components as above after cabling.</p>

- Note:**
- 1) Vendor should quote the rate per node basis
  - 2) To be paid as per actual work done quantity

**Terms and conditions:**

1. Vendor should quote the rate per node basis. Each node includes fixing, cabling and integration of 2 nos. of RFID card readers with related accessories as detailed in Appendix-1.
2. Duration of work: The work to be completed within the period of TWELVE Months from date of the work order.
3. Applicable taxes should be mentioned clearly.
4. The payment will be made on at actual quantity of work done at the end of the every six months..
5. Material to be installed will be provided by BARC as detailed in Appendix-1 at the time of execution of work at BARC, Trombay.
6. All necessary fixing hardware (screws, nuts, bolts, metal/PVC clamps) required for above work should be provided by the Vendor.
7. The vendor should bring own tools, other machines etc. required for carrying out the work.
8. Technicians deputed at BARC to carry out the installation work must have valid PVC.
9. The vendor's persons while working at BARC shall strictly follow the entry and exit rules-regulations of BARC.
10. The vendor shall arrange adequate accident insurance coverage of his personnel. BARC shall not be responsible for any liability arising out of any accident/ injury caused to vendor's personals while executing the work.
11. To extent possible, the work shall be carried during the normal working hours i.e 9.30 A.M to 5.30 P.M. Monday to Friday. Prior permission will be required to work on holidays and beyond office hours on working days.



Bhagwan N. Bathe  
SO/G, Computer Division