

**Government of India
Bhabha Atomic Research Centre
Ion Accelerator Development Division**

Specification for Tender No. IADD/SPK/2018/ TLD/ OPA216737 due on 08 /03/2019

Date: 13/11/2018

To,

Sub: Minor fabrication and supply of RFID based TLD & Neutron badges Management system.

Sir,

Please let us have your competitive rate for Minor fabrication and supply of RFID based TLD & Neutron badges Management system for the FOTIA facility as per the specification attached

Rights and Privileges:

Indenter reserves the right to inspect any machinery or material or equipment furnished or used by vendor or to reject any, which is found defective in workmanship, quality, and design or otherwise unsuitable for use which is not in accordance with the specification.

Note: In case any further clarification is required, the bidders may contact the undersigned at phone no. 022-2559-3451.

Your quotation duly filled in the prescribed format, addressed to “Head, IADD, Van-de-Graff Bldg, BARC, Trombay, Mumbai – 400085” in a sealed envelope quoting tender number and due date, must reach on or before 08/03/2019 date by 5 PM. On top of envelop it must also be written that “Kind attention to Sapna Padmakumar, IADD”.

Sapna Padmakumar
SO/E, IADD/FOTIA

Enclosures:

**Technical specifications (Annexure I)
Form of Quotation**

Enquiry

Government of India
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Annexure I

Technical Specification for Tender No. IADD/SPK/2018/TLD/OPA216737

RFID based TLD & Neutron badges Management system

The system should consist of:

1. Cabinet which holds radiation badges (48 Nos. of TLD & 48 Nos. of Neutron)
2. RFID card reader
3. RFID tags should attached to badges and ensure all the badges inserted in one orientation only
4. Slots for keeping the badges
5. User identification using ID card
6. Blinking multi color LED indication for which TLD is released
7. Battery powered emergency badge release tool
8. Keypad for user interface
9. ID card reading & processing should be <100ms or better
10. Badges dispensing time approx. 2- 4 sec
11. Cabinet should interface with HOST computer over Ethernet LAN and send data in real time
12. Cabinet management software
13. Logs time of issue and time of return
14. Senses badges tampering
15. Os independent web browser based user friendly GUI
16. Database backup
17. Basic functionality like add, update, delete for users & for badges should be there.
Similarly all report related function should be there
18. ID card & Badges reader should be there
19. Power supply 230V AC/ 50 Hz
20. Battery backup power supply

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Format of Quotation for Tender No. IADD/SPK/2018/TLD/OPA216737

Items	Quantity	Cost/Remark
1. Minor fabrication and supply of RFID based TLD (48 nos.) & Neutron badges (48 nos.) Management system	1 no	-----
Taxes		
Delivery Charges, if any		
Delivery Schedule		
Documents Required, if Any		
Validity		
Remarks		

VAT No.

PAN No.

**(Vendors Name)
Authorised Signatories & Company Seal**

Note: The quotation must be sent by speed post only

Technical Specification