

GOVERNMENT OF INDIA  
BHABHA ATOMIC RESEARCH CENTRE  
RADIOLOGICAL LABS  
TROMBAY, MUMBAI-400 085

Ref: MFD/NFG/18/OPA-115819

Date: 12.06.2018

To

**NOTICE INVITING TENDER (NIT)**

**Sub:-** Fabrication & Supply of "Stainless Steel & Mild Steel Special Enclosures" For Radiological Laboratory. Specification, Quantity and scope of Work as per the Annexure-B

Dear Sirs,

We will be thankful if you may please arrange the quotation for fabrication and supply of above-mentioned equipment on or before **18.06.2018** with detailed terms & conditions. Relevant drawings may please be returned along with quotation. Specification as per the ANNEXURE attached herewith.

**NOTE:-** " QUOTATION SHOULD BEAR YOUR CST, MSTREGISTRATION No & PAN No ON A COMPANY LETTER-HEAD FAILING WHICH, THE QUOTATION WILL BE REJECTED"

**PLEASE SEND SEALED QUOTATION SUPERSCRIBING ON THE ENVELOPE THE "DUE DATE". BY SPEED POST ONLY To**

An earliest reply shall be highly appreciated.

To,

U.VENKATESAN  
SCIENTIFIC OFFICER (F)  
MFD, NFG, RLG, BARC, TROMBAY,  
MUMBAI - 400 085

*U. Venkatesan*  
Signature

Received/ posted above said enquiry on.....

Note :-

Signature

The goods proposed to be fabricated on this NIT (Notice Inviting Tender) are meant for research purpose of research institution under the Dept. of Atomic Energy and therefore the prices to quoted for product.

Should be exclusive of the excise duty. The purchaser will make available to the successful bidder with whom a work order is placed the excise duty exemption certificate duly signed by the authorised officer in the Dept.of Atomic Energy well before the dispatch of goods by the supplier. While submitting the offer the bidders should specify in his offer that the price quoted by him does not include any element of Excise duty subject to production of exemption certificate.

Where, however the prices quoted are inclusive of Excise Duty, the percentage/quantum of Excise Duty included in the quoted price should be specifically indicated in the tender.

**Items : Fabrication & Supply of: (1) Stainless Steel Special Enclosures and  
(2) Mild Steel Special Enclosures.**

**Delivery Period: The supplier has to complete the fabrication and deliver the items Strictly within 30 days from the date of release of work order. No extension will whatsoever be given at any cost.**

**Scope; The drawings for the items to be prepared, submitted and approval obtained from us. Subsequent to approval of drawings by BARC, fabrication to be carried out strictly as per the following specifications.**

**Item:1** Stainless steel Special Enclosures: **Quantity:** Four Units.

**Material:** SS304

**SS Sheet Thickness:** Body 16 Gauge / Door 14 Gauge

**No of Pigeon Holes:** 15

**Shielding:** All the 15 Doors have to be integrated with Lead-lining of thickness 2.0mm duly supported on the back side with 1.0mm thick sheet of SS304.

**Locks:** : Digital dual lock with biometric and pass-code type to be provided for 3-Pigeon hole-doors of each enclosures. The rest 12 pigeon holes doors shall be provided with 10-Level brass lock facility. Keys in triplicate are to be provided.

**Label Holder:**Each door to be provided with label holding SS strips of dimension 70mm (W)x45mm(H)

**Pull-out Tray:** Each pigeon hole to be provided with pull out tray with telescopic channels on its sides. The dimension of the pull out tray shall be: 50mm(H) x 370mm(W) x 380mm(D)

**Load bearing capacity:** Each pigeon hole should have the load bearing capacity up to 50Kg concentrated load at the centre of the pull out tray.

**Pigeon Hole Dimension:** 450mm x 450mm x 450mm

**Enclosure Outer Dimension:** 2506 mm(H) x 1454mm (W) x 450mm (D)

**Pedestal: Dimension:** 1454mm (W) x 450mm (D) x 75mm (H) Pedestal support to be welded all around the outer dimension of the base of the enclosure.

**Base Support:** Additional SS Sheet of 2.5mm thick to be welded below the pedestal for a firm placement on the floor.

**Bracket for anchoring:** Two brackets to be welded at the front side of the the enclosure at an height of **1528mm** from the ground.

**Bracket size:** SS 304 Strip of size :Thickness 3.0mm x 50mm x 40mm



**The brackets shall be penetrated into the pigeon holes and welded.**

**Finish:** Bright mirror finish

**Edges:** All edges rounded. Sharp corners not tolerable.

**Pullout Boards:** Five numbers of Pull-out board in SS to be provided in one of the cubicle.

**Continued:**

**Item:2:** Mild Steel Special Enclosures: **Quantity:** Two Units.

CRC Sheet Thickness: Body 14 Gauge / Door 12 Gauge

No of Pigeon Holes: 18

Doors: : Shielding: All the 18 Doors have to be integrated with Lead-lining of thickness 2.0mm duly supported on the back side with 1.0mm thick sheet of SS304.

Doors shall be provided with stiffener of 2mm thickness and 40mm width.

Locks: : Digital dual lock with biometric and pass-code type to be provided for 3-Pigeon hole-doors of each enclosure. The rest 15 pigeon holes doors shall be provided with 10-Lever brass lock facility. Keys in triplicate are to be provided.

Label Holder: Each door to be provided with label holding SS strips of dimension 70mm (W) x 45mm (H) size.

Pull-out Tray: Each pigeon hole to be provided with pull out tray with telescopic channels on its sides. The dimension of the pull out tray shall be:

50mm (H) x 370mm(W) x 380mm(D)

Load bearing capacity: Each pigeon hole should have the load bearing capacity up to 50Kg concentrated load at the centre of the pull out tray.

Pigeon Hole Dimension: 450mm x 450mm x 450mm

Enclosure Outer Dimension: 2984 mm (H) x 1454mm (W) x 450mm (D)

(TOTAL Ht: 2984mm INCLUDES PEDESTAL Ht 75MM)

Pedestal: **Normal** 4-Corner Pedestal support of 75mm Ht.

Brackets for anchoring: Four brackets to be provided. Two brackets at the sides and two numbers at the top of the enclosure. Brackets are not to be welded but fastened with Allen bolts and nuts. Bracket size: 80mmx40mmx3mm with  $\phi$ 12mm x50mm Slot for anchoring to the wall..

Finish: Oven baked powder coated 80micron space-grey colour.

Edges: All edges rounded. Sharp corners not tolerable.

Numbering: All pigeon hole doors to be numbered prior to despatch.

Inspection: Inspection will be carried out by us at your works, before the delivery of the items at Praful-II facility, BARC

**Note:** Fabrication of the items strictly conforming to our specifications, and delivery of all the items within 30 Days from the release of work order is the essence of the contract.