Ref: BARC/MF/CDM/402/2019-20/07

September 19, 2019

Sub: Fabrication of Special Purpose Mount for High Precision Measuring Instrument in Clean Room at CDM

Dear Sir/Madam;

1. Quotation is invited for the minor fabrication of Special Purpose Mount for High Precision Measuring Instrument in Clean Room, CDM. The details of the items are given in Annexure-I and SKETCH-I.

2. Bidders shall quote for fabrication of the item including material cost. Taxes shall be quoted separately.

3. The quotation must reach Head, CDM by 27/09/2019 and must be sent in a sealed envelope by Registered Post/ Speed Post super scribed with the above reference no. and due date.

4. The address on the envelope should read: HEAD, CENTRE FOR DESIGN AND MANUFACTURE (Attn: Shri S.K.Yadav), BHABHA ATOMIC RESEARCH CENTRE, TROMBAY, MUMBAI-400085.

5. Acceptance of this fabrication work shall be subjected to Pre-dispatch inspection by our engineer at supplier’s works.

6. The bidder shall deliver the items within 12 weeks from the date purchase order is issued. The finished items shall be delivered to Store Officer, Centre for Design and Manufacture Zonal Store, B.A.R.C, Trombay, Mumbai-85.

Encl: Annexure-I, Sketch-I.

(S.K. Yadav)
**Special Purpose Mount for High Precision Measuring Instrument**

<table>
<thead>
<tr>
<th>S.N.</th>
<th>Item Name</th>
<th>Quantity</th>
<th>Material</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Special Purpose Mount for High Precision Measuring Instrument. Size: 63”x31.5”x31.5”</td>
<td>02 Nos.</td>
<td>SS304</td>
<td>Sketch -1</td>
</tr>
</tbody>
</table>

**Features:**

1. Weight holding capacity 1.0 ton.
2. Provision of leveling the top within 20 μm/m or better.
3. Provision of rubber pad for vibration isolation.
5. Buffed finish steel.

**Material:**

1. 2mm thick SS304 square pipe sections.
2. 1.02mm thick (18 gauge) SS304 sheets.
3. Top of the table with 3.0mm thick plate.

**Essential additional requirements:**

1. Pre-dispatch inspection will be carried out by the purchaser’s representative.
2. Acceptance / Rejection Criteria: Material found to satisfy all the above requirements shall only be accepted and shipping clearance for the same will be issued after inspection.
INTERNAL PARTITION
DETAIL OF DRAWERS - 1-3

NOTE:

1. This special purpose mount for high precision measuring instrument shall have load capacity of 1.0 Ton or more.
2. It should have provision of leveling the top within 20 µm/m or better and rubber pads for vibration isolation.
3. Material of construction is SS304. Consisting of:
   a) Main frame made of Square Section of size 1.5" x 1.5" x 2mm THK.
   b) partition Frame made of Square Section of size 1" x 1" x 1.5mm THK. & 1.02mm (18Gauge) sheets.
   c) Top should be made of 3.0 mm THK plate.
4. Drawer from (1) to (3) are identical in size.
5. Internal partation details are shown in adjacent figure.
6. Size of Drawer (1) 17.19" x 26" x 4" deep.
7. Size of Drawer (4) 17.19" x 26" x 8.46". & (7) 26" x 20" x 7.75".
8. Size of Drawer (5) is 19.68" x 10" x 4".
9. It should have bright buffed SS finish.
10. Proper locking arrangement should be there in all Drawers.
11. All dimension are in mm(inch).

SPECIAL PURPOSE MOUNT
FOR HIGH PRECISION MEASURING INSTRUMENT
METAL : SS304
QTY : 2 NOS.