



GOVERNMENT OF INDIA
BHABHA ATOMIC RESEARCH CENTRE
RADIATION MEDICINE CENTRE
T.M.H. Annexe, Parel, Mumbai – 400012.

Ref: RMC/17(1)/D/105320

14-Oct-20

Sub: -Fabrication and Installation of Pentagonal Working Stations , Storage Units and Accessories in Room No. 209 of RMC BARC

For and behalf of President Of India, sealed quotations are invited by **Head, Radiation Medicine Center, BARC** for Fabrication and Installation of Pentagonal Working Stations, Storage Units and accessories in Room No. 209 of RMC BARC

Sr. No.	Name of items	Qty.
1.	Pentagonal Workstation 1500Width1x1200Width2x600Depth {Table Height 750mm, partition Height 1200mm) (all dimensions in mm) 25mm thick pre-laminated pentagonal worktop with PVC lipping	4
2	CPU Trolley	6
3	Keyboard tray	6
4	Over head storage (Wall Cabinets) 600Wx340Dx63SH (all dimensions in mm)	16
5	Vertical Partition 1500mm WX52mm DX1200mm H	1

1. The purchaser reserves the right to place an order for a quantity more or less than that indicated in the enclosed specification list.
2. The taxes, excise duty and transportation charges shall be quoted separately. From-H, Octroi Exemption and Excise Duty Exemption Certificates will be provided, if necessary.
3. Sealed quotations must reach **Head, Radiation Medicine Centre, BARC, C/O, Tata Memorial Hospital Annexe Building, Parel, and Mumbai-400012 by 02.11.2020 Quotations will be opened on 03.Nov.2020 at 15:30 Hours. Quotations to be send by Speed Post/ Registered Post only.**
4. The above-mentioned Reference No., Date and Time of opening of bids must be clearly written on the sealed envelope containing the quotation.
5. The bidder shall finish the job in accordance with our specifications within 60 days from the date of issue of the work order.
6. Payment will be made as per rules after completion of the job satisfactorily. Part payments and advance payments are not possible .The offer shall be kept for acceptance for a maximum period of 30 days from the date of opening the quotation
7. The undersigned reserves the right to accept / reject any or all the quotation received, without assigning any reason whatsoever.



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8. A brief list of similar job executed (if any), and name of the organization for which such job was carried out should be furnished along with the quotation .
9. The bidder shall furnish the information regarding whether an ex-employee of BARC is working in his organization or whether any of his relatives are working in DAE/BARC or he is an ex-employee of DAE/BARC. In case of absence of such information or wrong information , the quotation or contract is likely to be rejected or cancelled.
10. The bidder is requested to acknowledge in writing the terms and conditions mentioned in the contract.
- 11. The bidder has to give PAN No./GST No./CST No./Service Tax No. While submitting the sealed quotation. Xerox of the PAN Card/ VAT/CST Registration Slip are required to be attached.**
12. Pre-dispatch inspection is required; the party should keep an option to make alternation in fabrication, if required after the inspection.
13. It is requested to submit Police Verification Certificate for engineers who will be doing work at RMC, without exception.
14. The materials should be covered under One year warranty. Two maintenance visits at an interval of six months will be necessary during the one year warranty.
15. The supplier should agree to take the AMC as per the DAE rules for the supplied furniture after completion of warranty period.
16. Mandatory Requirements
 - The bidder should be a manufacturer registered in India or their authorized dealer or should be 100% subsidiary in India of parent company, if any.
 - Joint ventures are not accepted.
 - The bidder should have had an Office in the state of Maharashtra for the last 5 years for faster and better serviceability.
 - If an authorized dealer is bidding for the parent company then the authorized representative should be having an office for the last 5 years
 - Should have satisfactorily completed installation of office Furniture in Department of Atomic Energy in the last three years (Work Completion Letter Mandatory)
 - Three similar works costing not less than Rs. 10 Lacs each or
 - Two similar works costing not less than Rs. 15 Lacs each or
 - Required: Documentary Evidence
 - Should have had average annual financial turnover of Rs. 10 Crore on manufacturing, supply & installation of Lab furniture works during the last three years ending 31st March 2019. (Scanned copy of Certificate from Chartered Accountant to be furnished)
 - Should not have incurred any loss in the last five years ending 31st March 2019.
 - Required: Documentary Evidence
 - Quality Assurance
 - The steel laboratory furniture manufacturer shall provide work tops and casework all manufactured & shipped with proper packing & should take the full responsibility of the entire Scope of Works as specified in the tender.
 - SEFA Membership Certificates for Last five years on a continuous basis.



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- Test Report: Welded Cabinets should be third-party tested for SEFA 8M and EN 14727 by SEFA approved Lab.
- Membership Certificate: The bidder/parent company should possess the key professional staff, at least one, in his organization with good knowledge of codes and standards like SEFA, OSHA, EN 14175, ASHRAE 110. Such professionals should have a valid membership of SEFA8. ISO 9001-2008, ISO 14001-2004 , BS OSHAS 18001- 2007 (For Design, Development, Manufacturing, Supply and servicing)

Dr. C. Rajesh
RMC, BARC

Signature of Sanctioning Authority
Dr. P. K. Pujari, Head, RMC

Approval of Competent Authority
Director, Medical Group



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Annexure-1 (Detailed Specifications and Scope of Work)

Pentagonal Workstations

The work includes providing and fixing Workstations at all floors (GRIHA Complaint product) having dimensions of 1500mm Width₁ x 1200 mm Width₂ x600mm Depth. These should be panel-based work station partition with flexible construction offering various functional and decorative finishes as well as cable management capacity .

Table Height : 750mm
Partition Height 1200mm

25mm thick prelaminated pentagonal worktop with PVC lipping

Electrical Outlets: There should be three 5 Ampere plugs with a 6 Ampere MCB at the top working space and two 5Ampere plugs at the bottom.

Partition Breakup: Pin Board and White Board.

Vertical and horizontal extrusions should be made of Aluminium AL96063-T6 with an average wall thickness of 1.2mm coated with average 50micron thick epoxy powder coating .

All trims shall be made of aluminium extrusions specified for horizontal and vertical members. Top trim shall be press fitted on horizontal extrusion.

End trim should be slide fitted with the help of corner made from 2mmthick MS CRCA Grade D as per IS:513. 1200mm height panel comprises of 3 to 4 Horizontal divisions - 1 or 2 nos middle blocks and 2 nos one each at Top & Bottom. Blocks made out of a composite construction of MDF and paper honeycomb with one side rough prelaminated / fabric wrapped on it.

Top panel: Tiles should slide in to the panels from top before fixing the top horizontal. Top tile to be in combinations of Fabric tack tiles / Fabric Magnetic/ Laminate / White Board . These tiles to be supported from top & bottom side with clips made from PP co polymer fitted in horizontal extrusion. Bottom tile and leg to be made of Mild steel CRCA Grade D with epoxy powder coating. Bottom frame should be fabricated as a welded structure of steel components. The panels and worktops to be supported with MS legs with levellers at various locations depending on the layout requirements.

Panel must be elevated from the floor by 100-120mm with the help of panel legs. Work top shall be made of 25mm thick Pre laminated particle board interior grade of approved shade conforming to IS: 12823. Bottom shall have a backing laminate of minimum 0.6 mm thickness. All the edges of work surface shall be provided with machine pressed 2 mm thick PVC lipping . Plain Metal tiles are made of 0.6 mm thick M.S . CRCA Grade Das per IS: 513 powder coated with Epoxy- Polyester finish. Fabric magnetic tiles are fabric upholstered metal tiles in 0.6 mm thick. Fabric Tack able tiles are fabric upholstered metal tiles in 0.6 mm thick with P.E. Foam in the tile for tack ability.



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Laminate tiles to be made of 8.0 mm thick particle board laminated with 0.6mm backing laminate on inner surface and all its edges with minimum 0.5 mm thick PVC edging. White board tiles shall made of 8.0 mm thick particle board laminated with 0.6mm thick white glossy high-pressure laminate on outer side 0.6mm backing laminate on inner surface and having all its edges with minimum 0.5 mm thick PVC edging. Glass tiles 4 mm thick toughened clear glass is fitted onto both sides of the panel using horizontal and vertical stiffeners made from 0.6 mm powder coated CRCA steel Grade D as per IS: 513.

End panels should be made of 25 mm thick PLT mounted with the help of full gable end bracket (LH & RH options) made from 1.2mm thick M.S. CRCA grade D as per IS:513. Work surface bracket to be mounted on to the horizontal extrusion shall be made from 2 mm thick CRCA grade D steel as per IS: 513-19. Holder bracket shall also be made from 2 mm thick CRCA grade D as per IS: 513-19. The workstation should be fixed with end partition of similar panels except the top end tile that shall be provided with 4mm thick toughened glass as shown in the layout. All complete as per Architectural drawing and direction of Engineer in charge.

Vertical Partition

1500mm WX52mm DX1200mm H

CPU trolley - Size :- 230mm W -345mm W X 226mm D X 180mm H. Base tray to be made up of 1mm thick MS CRCA steel and side support to be made up of 0.8 thick. MS CRCA sheet. Non lockable twin wheel castors to be injection moulded in Black Nylon.

Metal Keyboard Tray - Metal Tray should be made up of 0.9 mm thick CRCA 'D' grade as per IS: 513. Size: 482 x 280 x 40. Single extension ball slide assembly Size: 350 x 11.8. Single extension stroke 230mm. Ball Slide made up of combination of 1.2/1.5 mm thick roll formed CRCA 'D' grade as per IS: 513. Mouse tray Size: 210 x 210 made of 0.9 mm thick CRCA 'D' grade as per IS:513.

Overhead Storage (Wall Cabinets)- These should be of all metal, flush face construction with intersection of vertical and horizontal members like LH and RH side panel along with front horizontal channel, back panel and bottom panel. Cabinet should be of square-edge construction. Doors are assembled with SS- 304 hinge assy. Shelf should be eight bend panel with 20mm height. Steel door and drawer front should be of double wall construction with sound dampening material filled inside. Doors should be easily removable and hinges are easily replaceable. Shutters should have made of metal alone depending as per BOQ

The supplier must provide all relevant certificates of the grading and standards mentioned.