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. 235 of RMC BARC

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name of items</th>
<th>Qty.</th>
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<tbody>
<tr>
<td>1.</td>
<td><strong>Pentagonal Workstation</strong></td>
<td>6</td>
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<tr>
<td>2.</td>
<td>15000Width1x1500Width2x600Depth (Table Height 750mm, partition Height 1200mm)</td>
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<td>3.</td>
<td>(all dimensions in mm)</td>
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<td>4.</td>
<td>25mm thick prelaminated pentagonal worktop with PVC lipping</td>
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<tr>
<td>2</td>
<td><strong>CPU Trolley</strong></td>
<td>6</td>
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<tr>
<td>3</td>
<td><strong>Keyboard tray</strong></td>
<td>6</td>
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<tr>
<td>4</td>
<td><strong>Store Up unit (Wall Cabinets)</strong></td>
<td>12</td>
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<td>5</td>
<td>600Wx340Dx635H (all dimensions in mm)</td>
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<tr>
<td>6</td>
<td><strong>Vertical Sliding Door Unit</strong></td>
<td>4</td>
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<tr>
<td>7</td>
<td>735Hx900Wx450D (all dimensions in mm)</td>
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<tr>
<td>8</td>
<td><strong>Free Standing Pedestal Storage</strong></td>
<td>12</td>
</tr>
<tr>
<td>9</td>
<td>390x585x646 (all dimensions in mm) Three Drawers 2 Box and One File,</td>
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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 11.Nov.2019. Quotations will be opened on 12.Nov.2019 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 jobs 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.

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. Documentary evidence towards payment of service tax (receipt/acknowledgement) by the firm may be furnished for verification/records.

14. It is requested to submit Police Verification Certificate for engineers who will be doing work at RMC, without exception.

15. 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.

16. The supplier should agree to take the AMC as per the DAE rules for the supplied furniture after completion of warranty period.

17. 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.
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.

(Yuva Raj Nitin)
SO/E, RMC

Through:
Head, RMC, BARC

Director, BARC
Annexure-I (Detailed Specifications and Scope of Work)

i) Pentagonal Workstations

The work includes providing and fixing Workstations at all floors (GRIHA Complaint product) having dimensions of 1500mm Width1 x1500mm 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 5 Ampere 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 2mm thick 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 D as 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.
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 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.

ii) **Free Standing Pedestal Storage**- 390Wx585Dx646Ht. 3drawer all metal, pedestal unit (box+box+file) to be made out 0.8mm thick CRCA for body shell, drawer tray, front & rear side stiffener. Top & bottom stiffener of 1.2mm thick. All slides with double extension precision ball slide. Drawers to be without handles for clean finish. For drawer pulling, side wise tapered recess provided in shell behind drawer fronts. 10 lever cam lock & central locking with actuator & lock channel mechanism. Metal finish to be in epoxy polyester power coated with 40 to 50 microns. Key/lock are required for the drawers.

iii) 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.

iv) **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.

v) **Store Up Units (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.

vi) **Vertical Sliding Door Unit**– This unit should consist of metal door Models 900 mm(W) x 450 mm (D) x 735 mm (H) Construction & Material must be of Rigid Knock down construction. Prime Quality CRCA Steel – 0.8 mm Thick Sliding Door Arrangement Full Height Sliding Door must be used with top hanging arrangement to prevent derailment. Each door must be provided with 2 Plastic rollers having a steel ball bearing for smooth movement of door & less noise.
There must be Locking & handle Snap on type aesthetically appealing die cast 5 Lever Cam lock for safe locking.

Plastic flush & recessed handle Shelving Height wise Adjustable Shelf Mounting Uniformly Distributed Load Capacity per each full shelf is 80 Kg maximum & for half shelf it is 40 Kg. VSDU 2 - 1 No. of Adjustable Full Shelf. Accessory Cradle with pipes for hanging Godrej Instadex files Leveler Screw type leveler with hex plastic base (add in unit height min.8 mm & additional 5 mm max for adjustment) Finish Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10).

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