Ref: AHWRD/AA/MF/ 73207 /2020, 13th August, 2020

To,

All Parties Concerned

Sub: Minor Fabrication - Invitation to quote

Dear Sirs,

1. Sealed quotations are invited by undersigned for and on behalf of the President of India for the work as per the requirements given in the Scope of Supply and details listed in this document and the Technical Specification enclosed.

2. The quotation must reach Head, Advanced Heavy Water Reactor Division, BARC Mumbai at given address latest by 27/08/2020. The envelope should be super scribed “Minor Fabrication-Renovation of room of AHWRD in CFB” and should indicate this office Ref. No. and due date of opening clearly. The envelope should be sealed.

3. The quotation should be send by speed post/registered post/ordinary post through Indian Postal Services only so that it reaches office on or before 27/08/2020 by 16.00 Hrs. Address for sending quotation is as following:

   Head, AHWRD,
   Engineering Hall No.7,
   Bhabha Atomic Research Centre (BARC)
   Trombay, Mumbai 400085
   (Kind attention: Anil Antony, AHWRD, Tel no. 2559 6178)

1.0 Scope of the work:

The scope of work involves fabrication, supply and installation of wall mount steel cabinets, cabinet accessing equipment, cleaner device with adaptor, in Room no. 106 H of AHWRD in CFB building and supply and installation of vertical blinds in EDC, NRB as per the Technical specification.

2.0 Free issue materials:

No free issue materials will be used for this work order.
3.0 Inspection

The items covered by this work order shall not be dispatched to BARC prior to the approval of our engineer. The supplier shall arrange for inspection of items covered under the scope of supply as per the attached technical specification at their premises. Kindly acknowledge receipt and acceptance of the work order.

4.0 Duration of work:

The entire work is to be completed within three months reckoned from the 5th day after the date of issue of the work order. This period should be strictly adhered to.

5.0 General Instructions:

a. In this document, the agency/supplier on whom the work order will be placed is referred to as the “Contractor”. The agency executing/issuing this work order will be referred to as the “Client”.

b. The bidders should quote in a modular way, rate wise, for items under the scope of supply, as per the Table-1, indicated in the Annexure-1 of this enquiry. Lump-Sum quotations will not be considered.

c. GST: GST as applicable shall be included in the quoted cost and shall be separately shown along with the basic cost. GST exemption certificate will not be provided to the Contractor.

d. Taxes, duties, if any, applicable should be indicated separately.

e. Where, 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.

f. Place of work: CFB, BARC Trombay, Mumbai-400085.

g. The Contractor shall fabricate the items mentioned in the scope of work as per the technical specification at his premises only and shall finally deliver it to the Client premises. He shall carry out the installation of the items at the Clients work place under the supervision of the Engineer-In-Charge to his satisfaction. Before delivery of the items, it will be inspected by Engineer-In-Charge. After his satisfactory acceptance only, the items can be delivered and installed at the Client’s work place. The dimensions and other details of the items to be supplied under the scope of work are mentioned in the technical specification, item wise. The Contractor can visit the work place of Client for taking measurements required for the fabrication of the items.

h. Before quoting, the Contractor shall visit the Client’s premises and ascertain the quantum of work involved and quote accordingly. Later on, Client shall not be held responsible if Contractor claims that the work done under the scope is more than what anticipated by him and payments are not proportional or adequate to the work done.

i. The contractor shall have to maintain the area assigned to him for the installation work very clean and shall follow the instructions of Engineer in-charge from the Client side in this regard during the installation process. All equipment/tools etc. are to be removed and clean the area after the end of the day's work.
j. In case any extension in the job completion period is required, the contractor has to write to the Client, giving proper justification for the delay. The decision to approve the extension rests with the Client. No extra cost will be paid to the Contractor for this extension of time.

k. With the offer, bidders should please furnish the detailed information regarding whether an ex-employee of BARC is working in your organisation or whether any of your relatives is working in DAE/BARC or you are an ex-employee of DAE/BARC. In absence of such information or wrong information, the quotation or contract is likely to be rejected/cancelled.

l. The offer shall be kept valid for a period of 60 days from the date of opening of the tender.

m. The Client reserves the right to alter the quantity while placing the order.

n. The Client reserves the right to accept or reject any or all the quotations received without assigning any reasons whatsoever.

6.0 Commercial Terms:

a. Payment will be made at the end of the completion of the full scope of work i.e. after all the documents have been delivered and found acceptable after the final stage of review.

b. Any delay in delivery schedule may lead to a penalty @ 0.5% per week (max 5%) on total cost. Extension of delivery period only against the genuine reason(s) may be provided if approached in writing before expiry of the work order. The decision to approve the extension rests with BARC. No extra cost will be paid to the Contractor for this extension of time.

c. After the placement of the work-order, the Client reserves the right to terminate the contract by giving a notice of one month and without any financial obligation on the part of the Client. In the event of cancellation of the contract for any reason, the payment for work carried out will be on the basis of work that has been fully completed. Payment will not be made for partial work which has not been fully completed and found un-acceptable after review by the Client.

d. Release of advance or interim payment cannot be considered.

e. Payment will be made by ECS after satisfactory completion of the work. Contractor shall submit a copy of cancelled cheque & option form for payment through ECS/RTGS with pre-stamped receipt at the time of payment.

f. For settlement of payment, original satisfactory work completion certificate with actual date of completion & payment release letter signed by competent authority authorizing accounts to release payment may be given by Engineer In Charge while submitting bill for payment.

g. At the time of settlement of claims, the Contractor has to submit bills/Invoice in triplicate, advanced stamped receipt, warranty/guaranty certificate, work completion certificate from the Client and Bank Details of the contractor to the Client.

h. Taxes: Income tax @ 1.5% and GST TDS@2% will be deducted from Contractor’s bill.

i. GSTN Invoice: The invoice raised by the registered supplier of taxable goods/services along with other details specifically indicating: GSTN, PAN, Location of supply, tax component to be separately indicated.
j. An undertaking shall be furnished by the Contractor that the GST has been promptly deposited with the authority.

k. Final bill shall be cleared by Accounts, BARC only after receipt of site clearance certificate by the Contractor and to the effect issued from the BSMO (BARC Swatch Monitoring Officer) as per the circular NO. BSMC/Indent/Admin-II/2015 dt.08.05.2015

l. Issue and consumption statement towards FIM may got prepared and forwarded along with the original copy of Gate Pass, stores issue and credit vouchers while submitting the bills. Procedure for FIM as laid out in circular No. DPS: CSU: RCZ: ST:03:195 dated 05.09.07 may please be followed. In case of no FIM, a certificate to that effect may be furnished.

7.0 Option:

After the placement of the work-order, the Client reserves the right to terminate the contract by giving a notice of one month and without any financial obligation on the part of the client. In the event of cancellation of the contract for any reason, the payment for work carried out will be on the basis of work that has been fully completed. Payment will not be made for work which has not been fully completed and found un-acceptable after review by the client.

8.0 Confidentiality:

a. No party shall disclose any information to any third party concerning the matters under this contract generally. In particular, any information identified as proprietary in nature by the disclosing party shall be kept strictly confidential by the receiving party and shall not be disclosed to any third party without the prior written consent of the original disclosing party. This clause shall apply to the sub contractors, consultants, advisers or the employees engaged by the party with equal force.

b. Restricted information categories under section 18 of the Atomic Energy Act, 1962 and "Official Secrets" under section 5 of the official secret act, 1923: Any contravention of the above mentioned provisions by any contractor, sub-contractor, consultant, adviser or the employees of a contractor will invite penal consequences under the aforesaid legislation.

c. Prohibition against use of BARC's name without permission for publicity purposes: The contractor or sub contractor, consultant, adviser or the employees engaged by the contractor shall not use BARC's name for any publicity purpose through any public media like press, radio, T.V. or Internet without prior approval of BARC.

9.0 Intellectual Property & Copyright:

All work covered in the scope of supply, shall remain as an intellectual property of the client. The contractor shall not make any claim for copyright or intellectual property right at any point of time.

10.0 Safety:

a. All the persons deployed by the contractor at site shall be physically and mentally fit.

b. All applicable industrial & safety precautions shall be taken by the contractor in respect of their personnel working at site.
c. Above work calls for adherence to safe work practice. BARC shall not be responsible for any damage, injury, death etc of any contractor’s personnel under any circumstances. No compensation claim shall be admitted in this regard.

11.0 Guarantee:

The work pertaining to the design shall be guaranteed against any defects/faulty workmanship for a period of one-year for cabinets from the date of acceptance except for vacuum cleaners, ladders, chairs latter’s warranty will be as per that provided by the manufacturer. During the above period if the items become defective, bidder will be responsible for making arrangements for repairing at free of charge. Contractor will issue the guarantee certificate at the time of commissioning/acceptance by department, mentioning the contents of the guarantee clause as mentioned above.

12.0 Security Instructions:

a. The bidder should note that entry inside BARC is restricted and it is compulsory for contractor to get police clearance (as prescribed by security section of BARC) for all his staff who will be entering BARC for work.

b. The contractor has to follow strictly the security regulations prevailing in BARC from time to time especially in regard to working hours, movement of materials and entry permits.

c. Vetting of the firm will be carried out by the security section of BARC.

d. Identity cards for the contractor and contractor’s persons (employees/consultants) will be issued after verification of their antecedents.

e. It will be the responsibility of the contractor to produce police verification certificate (from commissioner’s office) for his persons before seeking permission to commence any work inside BARC premises.

f. Police verification certificate submitted with respect to an individual will be treated valid only for one year from the date of issue and on expiry of one-year period; a fresh police verification certificate will have to be arranged by the Contractor. Entry of personnel without valid PVC is not permissible.

g. Local address (Mumbai) is required for preparation of photo identity cards at BARC.

h. For working on weekends and late hours even though permission will be accorded by Engineer-In-Charge of the Client, the contractor will have to make application to the BARC security also and keep them informed well in advance.

i. The work can be carried out on all working days (Monday to Friday) between 9.00 hrs to 18.00 hrs excluding Govt. declared holidays.

Enclosures:

1) Technical Specifications no. AA/CFB/CABINET/201908
### ANNEXURE-1

**TABLE-1** COST BREAK UP OF ITEMS TO BE SUPPLIED UNDER THE SCOPE

<table>
<thead>
<tr>
<th>Item No</th>
<th>Name of items</th>
<th>Outer Dimensions (Length x Height x Width/Area/Make)</th>
<th>Qty Nos</th>
<th>Rate per Qty (Rs/Qty)</th>
<th>Total basic price (Rs)</th>
<th>GST (%)</th>
<th>GST (Rs)</th>
<th>Total price (Basic price + GST) (Rs)</th>
<th>Remarks If any</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Steel Cabinets</td>
<td>850 mm x 800 mm x 380 mm</td>
<td>16</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Foldable Ladder</td>
<td>As per the technical specification</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Cleaning device (vacuum cleaner) with overhead cabinet cleaning adopter &amp; additional accessories</td>
<td>Make: Karcher, Model: WD 6 P PREMIUM multi-purpose vacuum cleaner</td>
<td>3 Sets</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Vertical blinds</td>
<td>4 ft x 6 ft (height x width) Area: 24 Sq. ft</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Note: Refer Technical Specification for details of each item*
PART-I

1. SCOPE OF SUPPLY:
The scope of work involves fabrication, supply and installation & warranty of the following items in Table-1, as per the Technical specification details given in Part-II.

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Item details</th>
<th>Quantity</th>
<th>Compliance/deviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Wall mount Steel Cabinets</td>
<td>16 Nos.</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Foldable Ladder</td>
<td>2 Nos.</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Cleaning device with overhead cabinet cleaning adopter &amp; additional accessories</td>
<td>3 Sets</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>Vertical blinds</td>
<td>1 No. (Area 24 ft²)</td>
<td></td>
</tr>
</tbody>
</table>
PART-II

TECHNICAL SPECIFICATIONS

1.0 Wall mount Steel Cabinet

a. The cabinet shall be made of mild steel material.
b. Size and dimensions (See Figure-1 in Annexure-A) of each cabinet is given below:
   Size: 850 mm x 800 mm x 380 mm (Length x Height x Width)
   Thickness of sheet: 18 WG
   Length of steel angle support (2” x 2”): 850 mm
c. The cabinet shall have two shelves provided with height adjustable horizontal partitions
d. The front panel shall be made of semi-transparent glass.
e. Shall have two sliding doors per cabinet, with handles on each door at the bottom location.
f. Each cabinet shall have locking arrangement provided with min. 2 sets of keys.
g. The cabinet shall be fixed on to the wall through fixtures. Reinforcement pad shall be provided
   on the back side of the cabinet at locations where the fixtures penetrate through the cabinet on
   to the wall. The cabinets shall be mounted on the wall with fixtures through the holes provided
   at min. 6 places on the back side of the cabinet.
h. Each cabinet shall be supported on 2” x 2” angle made of steel and having minimum length
   equal to cover the length of the cabinet.
i. The cabinet shall be powder coated and shall have good finish, no sharp edges shall be leftover.
j. Colour of coating of cabinet shall be of beige colour.
k. The cabinets shall be installed at the Clients office inside BARC by the contractor and his
   personnel.
l. The cabinets shall have one-year warranty.

2.0 Folding Ladder

Two numbers of foldable ladder made up of aluminium material shall be fabricated and supplied
   to the client’s office (See Figure-2 in Annexure-A) inside BARC. The height of the top most
   platform of the ladder shall be not be less than 7 feet when the ladder is in the open condition.
   The width of ladder steps shall be of minimum 26 inch. Load carrying capacity shall be a
   minimum of 150 kg.

3.0 Cleaning device with overhead cabinet cleaning adopter & additional accessories

One set of this item shall consist of the following:

   3.1 Vacuum Cleaner (1 No)
   3.2 Additional accessories (1 Set)
   3.3 Overhead Cabinet cleaning adaptor (1 No)
3.1 Vacuum Cleaner: The vacuum cleaner shall be of the make: Karcher, Model: WD 6 P PREMIUM multi-purpose vacuum cleaner with standard warranty and shall be provided with all standard accessories. The specification of the vacuum cleaner are: Type: Wet & Dry Suction Power: 260 Watts, Energy use: 1300 Watts, Container capacity: 30 litres, Container material: Stainless Steel 304, Current type: 220 - 240 V / 50 - 60 Hz, Dimensions: 418 x 382 x 694 (L x W x H mm).

3.2 Additional accessories for vacuum cleaner: The specification of each set of additional accessories (See Figure-3 in Annexure-A) are given below.

- VMTC Vacuum Cleaner Accessory Kit consisting of Crevice Nozzle, Upholstery Nozzle, HEPA Filter, Brush Kit, Set of 4 Fleece Dust Bags compatible for Karcher WD6 PREMIUM.
- VMTC Wet & Dry Floor Tool with Brush & Squeegee Vacuum Cleaner Accessory

3.3 Overhead cabinet cleaning adaptor: Adaptor compatible with the vacuum cleaner WD 6 P Premium of the following dimensions shall be fabricated. The material is PVC/metal with paint coating. See Figure-4 in Annexure-A for details.

Dimensions of adaptor: Length: 3 ft, Diameter: 50 mm, Slot width: 10 mm, Connector diameter: 35 mm

**Note:** While the items described under item no 3.0 in the Technical specification are for one set, the scope of supply requires three such sets to be fabricated and supplied.

4.0 Vertical Blinds

The vertical blinds supplied shall confirm to the following specification

a. Unit shall be operated through gear type control unit
b. Powder coated aluminium head rail
c. All carriers should run on castors. Bottom weight should be connected with link chain
d. Size: 4 ft x 6 ft (height x width)
e. Area: 24 ft²
f. Vertical vanes: 20 nos (approximately)
g. Width of each vanes: 4 inches
h. Colour: Beige
i. The supplier has to install the same at the Clients premises at no additional cost.
PART-III

1. Delivery:
   1.1 All items covered in the scope of supply have to be delivered to Room No.106-H, CFB-Building BARC, Trombay, Mumbai -400085.
   1.2 The supplier has to make necessary arrangements for the transport of the items at the time of delivery along with helpers/manpower to have all the items delivered to the 1st floor of the CFB-Building. The quoted cost should include all these costs. No additional payment shall be made for delivery.

2. Installation:
   2.1 The items covered at S. No. 1 of the scope of supply shall have to be installed on the walls as per the requirement of the client. All necessary hardware, tools and accessories required for the same will be brought by the supplier along with ladders for installation & electrical extension boards. The client will provide only 220V, 50 Hz A/C power supply. If installation procedure is not completed with in 3- working days, the security requirement applicable for work within BARC for more than 3-Days will apply.
   2.2 The items covered at S. No.4 will be installed at EDC, NRB-Building, Anushakti Nagar. All necessary tools for the same will be provided by the supplier.

3. Commissioning & training:
   Item No. 3 of the scope of the supply has to be commissioned at the Client’s premises & training for 1 day needs to be provided to the Client’s personnel in operation, maintenance etc free of cost.

4. Warranty:
   All items covered in the scope of supply have to be covered under 1 year of warranty. During this period all defective items will need to be repaired/replaced as applicable. Contractor shall issue the warranty certificate at the time of commissioning/acceptance by department, mentioning the contents of the warranty clause as mentioned above.

5. Pre-dispatch inspection:
   Pre-dispatch inspection will be carried out at the supplier’s premises before the items can be shipped to the client’s premises.

6. Inspection and Testing:
   Items in Table 1 of part-I will be accepted only after final inspection by the Engineer-In-Charge.
Part IV

Note to bidders:

1. All the materials required for items in Table 1 of part-I shall be fabricated and supplied by the supplier.
2. It is recommended that bidder should visit the site, to access the exact scope of work. (contact Shri Anil Antony, SO/G, 106 H, CFB, BARC, Trombay, Mumbai 400 085. Ph-022-25596178, antony@barc.gov.in)
3. Bidder should give cost against each item in Table 1 of part-I by filling the in Table-1 of Annexure-1 of the enquiry and should list separately all the relevant taxes applicable. They also shall give their compliance in Table-1 of technical specification for each item.
4. The supplier should confirm the items offered vis. a vis. the requirements specified. Any deviation from the requirements mentioned in this specification should be highlighted in the quotation.
5. The supplier should indicate the time frame in which they can finish the job after the receipt of the work order.
6. A brief list of similar jobs executed if any, and name of the organization for which such job was carried out should be furnished with the quotation. Also, a list of testing machine tools and inspection instruments, in connection to the job, available with the supplier should be provided.
7. Supplier should submit compliance report for all Parts-I to IV of this technical specification at the time of quotation.
8. Purchaser reserves the right to accept/reject any or all the quotations received without assigning any reason whatsoever.
9. Incomplete quotation will not be considered for evaluation.
10. The Client shall visit the bidder’s premises to technically evaluate the capability & capacity of the bidder to execute the supply. This evaluation process will be carried out at the time of bid-evaluation process. Bidders who are found lacking in the relevant work-shop infrastructure will be treated as technically un-acceptable.
ANNEXURE-A

Figure-1: Steel Cabinet

Figure-2: Details of ladder

Load Rating 150 kg

Width of step: 3"

7 ft

26 "
VMTC Vacuum Cleaner Accessory Kit (Crevice Nozzle, Upholstery Nozzle, HEPA Filter, Brush Kit, Set of 4 Fleece Dust Bags)  
VMTC Wet & Dry Floor Tool with Brush & Squeegee Vacuum Cleaner Accessory

**Figure-3** Additional Set of accessories compatible with WD 6 P Premium

35 mm Diameter connector (F)

50 mm Diameter connector with 10 mm slot and 3 ft length

**Figure-4** Adaptor for overhead cabinet cleaning