

Government of India
Bhabha Atomic Research Centre
Control Instrumentation Division

Ref: CnID/19/167714

Date:04/09/19

Sub: Fabrication of Metal Instrument Trolley, Aluminium/Copper components and Cleaning, repair, maintenance of compressor (kaser make) parts & high voltage capacitor development facility as per annexure- 1 attached.

Dear Sir/Madam,

Quotations are invited for the “Fabrication of Metal Instrument Trolley, Aluminium/Copper components and Cleaning, repair, maintenance of compressor (kaser make) parts & high voltage capacitor development facility as per annexure- 1 attached..”

Bidder shall quote for fabrication and supply of parts along with material.

1. Taxes and GST shall be quoted separately. Form AF / H whichever is applicable shall be provided, if required.
2. The quotation must reach by speed post to The Head, Control Instrumentation Division by 16.09.2019 and must be sent in a sealed envelope super scribed with the reference number & the due date given above.

The address on the envelop should read: Head, CnID, E&I Group,
RCnD, Bldg., North Site
BARC, Trombay,
Mumbai - 400 085.

(Attn: Mr. R K Sharma Ph.: 022 25591811/42)

3. The testing shall be witnessed by our engineer. The tested components shall not be dispatched prior to approval by our engineer at bidder’s premises. Necessary inspection facilities shall be provided to our engineer during fabrication at bidder’s premises.
4. The bidder shall deliver the finished components after approval by our engineer within **12 Months** from the date of firm work order issued to the bidder. The finished components shall be delivered by the bidder at CnID, E&I Group BARC, Trombay, Mumbai - 400 085.
5. Head, CnID, E&I Group reserves the rights to accept / reject any or all quotations without assigning any reason.
6. Delivery charges if any must be clearly mentioned in the offer. Quotation must also indicate the validity of offer. Quotation must also indicate the GST no and PAN no of the party.
7. Drawings / Sketches must be returned along with the offer.
8. The quotation has to be signed by authorized person with company seal.
9. Payment will be made by cheque only after satisfactory completion of work on production of bill, delivery challan and advance stamped receipt. It may be noted that IT @ 2% and surcharge on tax at 15% shall be deducted from your bills.
10. Part supply is not acceptable.
11. Job should be guaranteed against material and manufacturing defects for 1year from the date of supply.

Encl.: Annexure - 1

(P.P. Marathe)
Head, CnID, E&I Group

Annexure-1 (Scope of work)
(Sheet-1)

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Sub:- Fabrication of Metal Instrument Trolley, Aluminium/Copper components and Cleaning, repair, maintenance of compressor (kaser make) parts & high voltage capacitor development facility as per below details.

Item1:(a)Metal Instrument Trolley1: Quantity: 2Nos. (Size: L:90cm, D:50cm, H: 120cm).

It has Three Usable surface Shelf-90cm(L)x 50cm(D)x 50cm(H) (Two surfaces of having 50cm height and one is top surface) and Lower one at height of 20cm from ground level. There should be a metal railing of height 5cm on three sides of all the three shelves (two selves and trolley top surface) of the trolley and with height of 2cm on front side of 90cm length. There should be facility of movable four Heavy Duty castors, 2 lockable castors and 2 freely movable castors. Two sockets modules each having four power sockets (230V, 6A, 50Hz). Two sockets modules should be connected with single power cable (length:6m) & 3-pin plug. This trolley should be able to withstand a weight of 40kg. All the metal/wooden parts should be painted with good surface finish.

(b)Metal Instrument Trolley2: Quantity: 1Nos. (Size: L:60cm, D:50cm, H: 80cm).

It has two Usable surface Shelf-60cm(L)x 50cm(D)x 50cm(H) (One surface of having 50cm height and second surface is top surface) and lower surface should be at height of 30cm from ground level. There should be a metal railing of height 5cm on three sides of all the two shelves (one selves and trolley top surface) of the trolley and with height of 2cm on front side of 60cm length. There should be facility of movable four Heavy Duty castors, 2 lockable castors and 2 freely movable castors. One socket module having four power sockets (230V, 6A, 50Hz). Sockets modules should be connected with single power cable (length:6m) & 3-pin plug. This trolley should be able to withstand a weight of 30kg. All the metal/wooden parts should be painted with good surface finish.

Item2: Repair & Maintenance of Compressor with regalement of parts: (a) Repair kit – CAVV: 1No (b) Repair kit - Inlet valve: 1No. Existing oil leakage and minor other problems should be repaired and bring back the compressor system in smooth working condition. The Vibration and sound should be less in the compressor system during the operation.

Item3: Fabrication of Aluminium/Copper Components:

(a) Aluminium Sheet with holes (1No.), Size:850mm*500mm of thickness:6mm. There should be 12mm holes at four corners of the sheet.

(b) Aluminium rod with groove (2Nos.): Size: Length:750mm and square cross section of side 25mm. there should be grooves of depth 5mm and width 15mm at distance from end of 150mm.

(c)Wooden ply sheets (850mm*470mm of thickness:10mm-2Nos.)

(d)Aluminium/Metallic Chain with Hooks: Length:600mm to hold the weight of at least 40kg-6Nos. Hooks (10Nos.) of finger size of 10mm to be engages in this chain at any place or in the above Al sheet holes of 12mm.

(e)Aluminium box of 350mm*300mm and height of 300mm. one side of (350mm*300mm) should be open to place any components. Thickness of the aluminium sheet should be 3mm.

Item4:Cleaning & maintenance of capacitor development facility for 180 Working days (9AM to 5PM) as below:

- i. Loading and unloading of Film Foil Rollers.
- ii. Cleaning of Oven, Impregnating Oil vessels and Winding Machine.
- iii. Transfer of Cans containing Resin/Castor Oil.
- iv. Disposal of the generated wastes.
- v. Releasing and cleaning of collected water in compressor, pre filter and dryer system and floor area of 100m² regularly.
- vi. Contractor/Suppliers should provide the workman with Police Verification certificate.
- vii. Fabrication of Nylon rod support: (a) OD: 25mm, length: 1m, Quantity: 5 Nos. & (b) OD: 50mm, length: 1m, Quantity: 10 Nos. to be used during HV assembly as an intermediate support electrical insulator.

Note: Please refer the Annexure-2 for general instructions to raise the quotation.

(Sheet-1/1)

General Instructions

Mandatory requirements

1. Quotation should contain item wise price for all items of our enquiry.
2. Quotation to be submitted considering completion of the work within **12Months** from the date of release of work order.
3. Tax to be quoted separately.
4. All the material and other items shall be brand new from reputed manufacturers procured from their authorized agents.

General requirements

5. Bidder can suggest better design and material against each components and their assembly and same to be approved by the customer.
6. Total time to execute the job given above is from the date of work order placed which includes procurements of items, drawings making, fabrication, Inspection and assembly.
7. No Free Issue Material will be provided to the supplier. Materials, tools, manpower etc. required for the above work will not be supplied by the user. Supplier has to arrange the above on his own.
8. The supplier must incorporate minor changes in the design as required at the time of execution of work at no extra cost.
9. The Supplier shall workout a detailed design to meet fabrication requirements and work description, quantity. Supplier will submit the final drawings, system manual and operation manual in hard copy and in a CD as part of supply.
10. Supplier will submit prepare General Assembly drawing and send to the customer for approval. After approval from the customer only fabrication will be started.
11. Supplier shall submit the list of their clients, and catalogues or literature to support their quotation with the list of similar jobs carried out.
12. During work execution, the supplier shall follow standard practices & procedures for quality assurance.
13. Supplier should have similar work experience and along with the offer, shall submit the details of past experience with documentary proof.
14. Supplier shall appoint engineer with high integrity and he will be responsible for his workers.
15. Sub contract: The supplier shall not sub-contract any or all the work without written consent from the indenter. The supplier shall be responsible to the indenter for all work, the sub-contractor of the supplier, if allowed by the indenter.
16. Quality surveillance, Inspection: The supplier will use standard quality items for fabrication of components. Used or recycled metal/insulator Material will not be accepted.
17. Acceptance Criterion: Items meeting the Technical specifications/dimensions/tolerances only will be accepted. Any Item not meeting the Technical Specifications are liable for rejection.
18. For the items with detailed specification as given in Annexure 1 (Item: 1 to 4) shall be subject to surveillance/ inspection by the indenter or his authorized representative. The Supplier shall quote for all these items in his quotation.
19. **Without above detailed information offer will be considered incomplete and may be rejected.**