Sealed quotations are invited on behalf of the President of India by Head, RACD for following work from the fabricators having adequate experience and capabilities to execute similar kind and magnitude of work and who have similar experience with various units of Department of Atomic Energy (DAE), Nuclear Power Corporation of India Ltd, Public Sector Undertakings etc.

Sub: Fabrication, Supply & Installation of Work Stations for Radioactive Laboratories I and II

Scope of work:

(A) Fabrication, supply & installation of Work Stations for Radioactive Laboratories I and II as per the specifications mentioned in Annexure - I

(The work stations will be used for mounting heavy instruments, therefore the fabricator should strictly adhere to the material of the frame mentioned in the Annexure -I. The dimensions mentioned in the annexure-I should be strictly followed.)

(B) The personnel who work on behalf of the contract at our site (Radioactive Laboratories- I & II) should satisfy all the norms of contractual radiation workers as required by the Department of Atomic Energy.

Please note the following:

1. The work is to be completed within 45 days from the date of issue of work order including monsoon period.
2. Fabricators can seek clarifications regarding any queries relevant to the work on any working days between 14.00 hrs to 16.00 hrs from 17/08/2020 to 26/08/2020.
3. The sealed quotations shall reach the office of the RACD, RLG, Mumbai – 85 on or before 27/08/2020, 16:00 hrs by Indian Post only.
4. Please address your offer to: Dr. Aishwarya Soumitra Kar, SO F, Radioanalytical Chemistry Division, RC & IG, RLG, BARC, Trombay, Mumbai-400 085.
5. The quotations are to be sent in a sealed envelope with the following information marked
on top of the envelope: “Fabrication, Supply & Installation of Work Stations for Radioactive Laboratories I and II”

6. Offers sent by telegram, telex, fax or e-mail will not be considered.
7. Quotation should be on the printed letter head of the fabricator’s firm. Quotation must include Sales Tax Registration Number, PAN Number, and Service Registration Number of the firm. Quotations without these details shall be considered incomplete and will not be taken into consideration.
8. All taxes such as GST must be stated clearly in the quotation.
9. Quotation should be signed by proprietor or authorized person and affixed with company seal. Quotations without company seal shall be considered incomplete and will not be taken into consideration.
10. Computer generated quotation form will not be accepted.
11. Income Tax @2%, surcharge on IT as applicable and educational cess @3% (on IT & surcharge) will be deducted at source from your bill.
12. Offer should be on free delivery basis to RLG Zonal Stores, BARC, Trombay.
13. Pre-dispatch inspection of work stations for radioactive laboratories I and II will be done at fabricator’s site
14. Delivery period should be mentioned with all the possible consideration.
15. The payment will be made only after the approval of the delivery and no advance payment shall be admissible.

Yours sincerely,

Aishwarya Soumitra Kar

SO F, RACD
ANNEXURE 1

Fabrication, Supply & Installation of Work Stations for Radioactive Laboratories I and II

Specifications for Laboratory work stations

Following work station tables are to be fabricated as per design given below:

Laboratory I
1. Lab furniture with body made of 20G GI sheets as per IS 277 standard, Drawer and Fire Resistant Electrical Trunking Work surface Jet black Granite Top 20 mm Size: 450 mm (L) x 610 mm (W) x 900 mm (H)
2. Lab furniture with body made of 20G GI sheets as per IS 277 standard, Shutter, Leg Space and Fire Resistant Electrical Trunking. Work surface Jet black Granite Top 20 mm Size: 2100 mm (L) x 760 mm(W) x 750 mm(H)
3. Lab furniture with body made of 20G GI sheets as per IS 277 standard, Drawer, Shutter and Fire Resistant Electrical Trunking. Work surface Jet black Granite Top 20 mm Size: 2100 mm (L) x 760 mm(W) x 900 mm(H)

Laboratory II
1. Lab furniture with body made of 20G GI sheets as per IS 277 standard, Drawer, Shutter and Fire Resistant Electrical Trunking. Work surface Jet black Granite Top 20 mm Size: 1950 mm (L) x 760 mm(W) x 750 mm(H)
2. Lab furniture with body made of 20G GI sheets as per IS 277 standard, L shaped, Drawer, Shutter and Fire Resistant Electrical Trunking. Work surface Jet black Granite Top 20 mm. Size - 1050 mm (L) x 1050 mm(W) x 750 mm(H)
3. Lab furniture with body made of 20G GI sheets as per IS 277 standard, Drawer and Fire Resistant Electrical Trunking. Work surface Jet black Granite Top 20 mm Size: 450 mm (L) x 760 mm(W) x 750 mm (H)
4. Lab furniture with body made of 20G GI sheets as per IS 277 standard, Drawer, Shutter and Fire Resistant Electrical Trunking. Work surface Jet black Granite Top 20 mm Size: 1650 mm (L) x 760 mm(W) x 750 mm(H)
5. Lab furniture with body made of 20G GI sheets as per IS 277 standard, Drawer and Fire Resistant Electrical Trunking. Work surface Jet black Granite Top 20 mm Size: 450 mm (L) x 700 mm (W) x 750 mm (H)

Important

(i) TABLE TOP

a) Black Granite top of 20 mm thickness
b) The metal sheets should have thickness of 1.02 mm (18 gauge)
c) The supplied material should be fire resistant.

(ii) PEDESTAL FRAMES
a) Made of E.R.W.M.S. Rectangular Tubes 30x30mm 1.6 thick & angles 30x30mm 1.6 thick welded & finished

b) 3 Adjustable Lever bolt

(iii) UNDERBENCH STORAGE MODULES

a) Completely made of 20 G GI sheets as per IS 277 standard.
b) The shutter & drawer front should be of sandwich construction.
c) Foam sheet filled in shutter gaps mandatory.
d) The sound deadening foam sheet to be used to minimize banging noise while closing the shutter
e) The shutters are mounted to the modules by hinges which are openable to 90 degree & self closing on return.
f) Lockable roller bearing to be used so that the drawer will not fall.
g) The drawer slides which should be very sturdy & able to take load upto 30kg to 4Kg. All modules to have lock and key arrangement.
h) Modules completely finished with epoxy powder coating with minimum coating layer of 70 to 80 micron.

(iv) HARDWARE FITTINGS

a. Hinges:- Steel nickel plated
b. Handle:- S.S. Handle
c. Screw:- All S.S. 304 Visible Screws.
d. Lock:- Multi Purpose Lock with a pair of keys
e. Industrial Switch MCB 16 Amp Switch
f. Industrial Type 6/16 Amp Socket

(v) POWDER COATING

Complete module & frame work are processed with 9 tank pre- treatment and finished with highly corrosion resistant epoxy powder coating with 70 - 80 microns

PRE-DISPATCH INSPECTION OF LAB FURNITURE WILL BE DONE AT FABRICATOR'S SITE
Laboratory I

1. Working Table (450 mm (L) x 610 mm (W) x 900 mm (H))

Front View

2. Working Table (2100 mm (L) x 760 mm (W) x 750 mm (H))
3. Working Table (2100 mm (L) x 760 mm (W) x 900 mm (H))

Top View

Front View

Leg Space
Lab
oratory II

1. Working Table : Size: 1950 mm (L) x 760 mm(W) x 750 mm(H)
2. Working Table : Size - 1050 mm (L) x 1050 mm(W) x 750 mm(H)
3. Working Table : Size: 450 mm (L) x 760 mm (W) x 750 mm (H)
4. Working Table (1650 mm (L) x 760 mm (W) x 750 mm (H))

5. Working Table (450 mm (L) x 610 mm (W) x 750 mm (H))