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भारत सरकार
GOVERNMENT OF INDIA
भाभा परमाणु अनुसंधान केन्द्र
BHABHA ATOMIC RESEARCH CENTRE
ATOMIC FUELS DIVISION

Ref.: **AFD/MWS/ENQ/18/11121**

Date: **15.01.2018**

Sub: Design, fabrication, testing, supply and installation of Laboratory Work Station

Sir,

Sealed quotation is invited for and on behalf of the President of India for design, fabrication, testing, supply, and installation of Laboratory Work Station as per the specifications, terms and conditions given below:

A. Specifications:

1. Laboratory Work Station with Electrical Sockets and Sink:

- a. Size shall be ~4500 mm L x 750 mm W x 900 mm H.
- b. Table top shall be made with black Granite of ~ 18 mm thickness.
- c. Pedestal frame assembly shall be made with mild steel square tubes of size ~30 x 30 mm and angles ~30 x 30 mm welded construction and shall be finished with epoxy powder coating.
- d. Work Station shall be fitted with 5 Nos. of under bench storage modules. Each module shall comprise of the following:
 - i. Drawer - 1 No.
 - ii. Shutters – 2 Nos.
 - iii. Shelf - 1 No.
 - iv. Size of each module shall be ~750 mm (L) x 570 mm (W) x 670 mm (H).
 - v. MOC: Cold rolled close annealed mild steel sheet.
 - vi. Sheet thickness shall be ~0.8 mm.

- vii. Construction of shutter and drawer front shall be of sandwich type with sound deadening expanded polyethylene filled in between.
- viii. The shutters shall be mounted to the modules by hinges which are open able to more than 90 degrees and having self closing on return. The self closing shall be slow and smooth.
- e. Work Station shall have one poly propylene sink at left side corner fitted with three way swan neck water tap.
- f. Work Station shall have electrical trunking of size ~4500 mm (L) × 100 mm (W) × 100mm (H) with 10 Nos. of 16/6A electrical switches and sockets.
- g. Quantity: 1 Set

2. Laboratory Work Station without Electrical Sockets:

- a. Size shall be ~2000 mm (L) × 750 mm (W) × 900 mm (H).
- b. Table top shall be made with black Granite of ~18 mm thickness.
- c. Pedestal frame assembly shall be made with mild steel square tubes of size ~30 × 30 mm and angles ~30 × 30 mm welded construction and shall be finished with epoxy powder coating.
- d. Work Station shall be fitted with 3 Nos. of under bench storage modules.
Each module shall comprise of the following:
 - i. Drawer - 1 No.
 - ii. Shutters – 2 Nos.
 - iii. Shelf - 1 No.
 - iv. Size of module shall be :
~650 mm L × 570 mm D × 670 mm H.
 - v. MOC: Cold rolled close annealed mild steel sheet.
 - vi. Sheet thickness shall be ~0.8 mm.
 - vii. Construction of shutter and drawer front shall be of sandwich type with sound deadening expanded polyethylene filled in between.
 - viii. The shutters shall be mounted to the modules by hinges which are open able to more than 90 degrees and having self closing on return. The self closing shall be slow and smooth.
- e. Quantity: 3 Sets

3. Laboratory Work Station with Electrical Sockets:

- a. Size shall be ~1500 mm L × 750 mm W × 760 mm H.
- b. Table top shall be made-up of CRCA sheet coated with epoxy powder coating.
- c. Pedestal frame assembly shall be made with mild steel square tubes of size ~30 × 30 mm and angles ~30 × 30 mm welded construction and shall be finished with epoxy powder coating.
- d. It shall be fitted with 2 Nos. of under bench storage modules.
Each module shall comprise of the following.

- i. Drawer - 1 No.
- ii. Shutters – 1 No.
- iii. Shelf - 1 No.
- iv. Size of each module shall be ~600 mm L × 570 mm D × 600 mm H.
- v. MOC: Cold rolled close annealed mild steel sheet.
- vi. Sheet thickness shall be ~0.8 mm.
- vii. Construction of shutter and drawer front shall be of sandwich type with sound deadening expanded polyethylene filled in between.
- viii. The shutters shall be mounted to the modules by hinges which are open able to more than 90 degrees and having self closing on return. The self closing shall be slow and smooth.
- e. It shall have electrical trunking of size ~1500 mm L × 100 mm W × 100 mm H with 4 Nos. of 16/6A electrical switches and sockets.
- f. It shall have drawer, cross brace and back covering panel: 1 No.
- g. It shall have internet sockets: 2 points.
- h. Glass shield of size 1000 mm × 1000 mm shall be provided on the left side of the table – top.
- i. Quantity: 1 Set

B. Raw material clearance

All raw materials which will be used in fabrication shall be identified by the vendor and shall be tested as per relevant material specifications. Test certificates for the same shall be forwarded to BARC for review and approval.

C. Drawings & approval

Detailed drawings, material specifications, test certificates, and details of all electrical items with make to be submitted for user's approval before taking up the actual fabrication work.

Sizes and dimensions provided above are indicative hence the suppliers are requested to **visit the site before submitting the quotation**. The supplier would also be required to depute its engineer for final measurement at site after placement of work order and before preparation of drawings for approval.

D. Inspection & Testing

Laboratory work Station with all the fittings shall be offered for inspection & trials as per order specifications to purchaser's authorized representatives at suppliers works before dispatch. Complete functional testing of the set-up shall be demonstrated by the supplier.

E. Installation and commissioning:

Fabricated, tested and accepted set-up shall be installed and commissioned at AFD, BARC, Trombay, Mumbai by the supplier.

F. Terms and conditions:

- a. All dimensions/ details specified in the technical specifications are indicative. Hence, suppliers are requested to visit the site at Atomic Fuels Division, BARC, Trombay, Mumbai-400085 for on-site measurement and detailing,

before submitting the quotation. Prior intimation of visit should be provided at least 3 days before visit to:

Name : Shri S Swami Naidu
Site : Atomic Fuels Division, BARC, Trombay, Mumbai – 400085
Contact : 022-2559 4966
Email : ssnaidu@barc.gov.in

“Parties who have not visited the site need not quote”

- b. Only those persons having valid PVC (Police Verification Certificate) will be allowed to enter BARC premises. The visit will be approved only after verification of credentials of the visitor. The visit may be carried out between 31/01/2018 to 02/02/2018, i.e. between Wednesday to Friday, 10:00 am to 6:00 pm. No visitor will be entertained before 31/01/2018 and after 02/02/2018.
- c. The contractor and /or his personnel visiting for the above job should have valid police verification certificate to visit BARC, Trombay, Mumbai. **Entry permits will not be prepared for persons NOT having PVC**
- d. The contractor and /or his personnel are not allowed to move inside BARC without the escort person from the department.
- e. Personnel working at site should carry out cleaning of site and its surrounding at regular intervals and after completion of installation, maintain safe and hygienic work environment.
- f. The fabrication, supply and installation jobs shall be completed within a period of 16 weeks after the placement of order.
- g. The fabricated items are to be delivered, installed and commissioned at Atomic Fuels Division, BARC, Mumbai – 400085.
- h. The payment shall be made after acceptance of installation and commissioning of the supplied and fabricated set-up and on receipt of advance stamped receipt, delivery challan and bill in triplicate. The bill shall clearly indicate taxes, if any.
- i. Quotations are to be printed in letter head / quotation format mentioning Sales Tax Registration Number registered with local ST authority/ CST authority, PAN of the firm, Service Tax Registration Number, etc.
- j. The quotation should clearly mention the name of signatory and should bear company seal.
- k. Quotations shall be sent only by Registered Post/ Speed Post.
- l. There will not be any Free Issue Material (FIM).

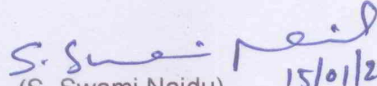
G. Declaration to be submitted along with the offer.

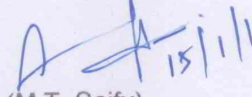
The prospective supplier shall declare as to whether he has any relative working in BARC, or himself is an ex-employee of BARC, or has an ex-employee of DAE on his pay rolls.

H. The quotation, typed on a printed letter-head shall reach in a sealed cover super scribing enquiry no. and due date to the undersigned at the address given below on 12/02/2018 before 1200 hrs.

M.T. Saify
Atomic Fuels Division
Bhabha Atomic Research Centre
Trombay
Mumbai - 400085

Thanking you,


(S. Swami Naidu) 15/01/2018
SA/C, MWS, AFD


(M.T. Saify)
SO/F, MWS, AFD
For & on Behalf of President of India