

Ref. No.: IRMRA/SC/18-19/05 Dt.19.01.2018

Sealed quotations are invited for the supply of **Lab Furnitures for our IRMRA- South Centre**, as per below bill of materials. Quotations should be in the name of :

Director,

Indian Rubber Manufacturers Research Association(IRMRA),

(Affiliated to Ministry Of Commerce And Industry, Govt. Of India)

Plot No. : 254/1B, Road No. 16V,

Wagle Industrial Estate,

Thane (W) : 400604.

Contact No. : 022- 67873244

Specification for :

A) Fume Hood , Size: 1500 x 750 x 2400mm (L x B x H) , qty-01no.

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| Material of Construction Outer | The cabinet is fabricated using G.I.(Galvanized steel) sheets with 120 gsm (grams per sq. m) of zinc deposition of zero spangled nature to aid better powder coating absorption.(dry film). CRCA corrodes and hence should be avoided. |
| Powder Coating Finish | The G.I. panels are coated with pure epoxy type powder coating of minimum thickness (60-80 microns) with electrostatic difference and baked at high temperature (160° C) for glossy aesthetic finish. Epoxy polyester type powder should be avoided for better chemical resistance and wear resistance |
| Material of Construction Inner | 4 MM thick FRP sheet |
| Door | Single, vertical sliding, concealed type door, balanced with counter weights, sash weights and wire rope etc. |
| Ducting | Rigid ducting of PVC of 150mm dia. 4mm thick rigid PVC pipe will be |

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| | provided with suitable rain- hood. |
| Baffle | A stable, non – adjustable baffle with a single slot on the back baffle to aid in distributing the flow of air into and through the hood. The baffle shall be spaced out from the back liner and shall be removable for cleaning. |
| Impeller | Dynamically balanced FRP Impeller |
| Baffled By | 4 MM thick FRP sheet |
| Centrifugal Blower In-Built Blower | Silent high efficiency remote blower consisting of continuous rating motor and chemical resistant impeller. The blower is designed to give a face velocity at safe working height as per the international safe velocity norms (ANSI). The exported face velocity at open sash is 100 FPM. The blower body is FRP UV treated high density and chemical (corrosion) resistant and is mounted on a metallic stand. |
| Casing | 6MM thick FRP Bisphenol ‘A’ fumerate Resin. |
| Coupling | Direct |
| Sash | The sash shall be of glass with vertical rising frame. The bottom of the sash frame shall have a full length handle. The sash shall be counterbalanced with a weights to prevent titling and binding during operation. The glass panel shall be 5mm toughened glass. |
| Suction Expected | 800-1000 cfm |
| Colour | as per our requirement |

AMENITIES :

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| Lighting | 1 No. 2 feet Tube light of 18 Watts will be Provided. |
| Electrical Arrangements | The hood super structure shall be fully wired. It also has 2 No’s. Electrical sockets and switches of (230V, 5/15A, 50HZ) |
| Cable Entering Port | For easy access of cables from fume hood to electrical sockets. |

B) Oven side Table : qty-01no.

1) size : 3000 x 900 x 900mm (L x B x H)

2) material of construction : Made of 20G thick GI sheet

3) Finish : Interior & Exterior will be provided with Epoxy powder coated finish

4) Under bench Cupboard : will be provided with Top drawer and bottom one shutter with one Horizontal Partition

5) Accessories : All necessary hardware fitting like PP handle,heavy duty drawer channels for smooth rolling.

6) Table Top : 18+/-1mm thick well polished black granite with half round nosing.

7) Modular laying : alternative with Knee holes

Installation / Transport : In your scope

Billing address : IRMRA ,Thane

Shipping Address: IRMRA (south centre), Sri City HRD Centre, CFC Buiding,APIIC Industrial Park,Karur Mitra village,Tada Mandal,Nellore District – 524 401 (A.P.)