

## PROCUREMENT PROCEDURE OF CPRI (NON WORKS)

Revision No. : 03  
Dt of Revision : 25.07.2017

Issue No : 2  
Issue Dt. : 30.06.2003

Section : Formats  
Topic : e-Tender Technical Specification Document

Issued by : P A  
Documents : PPM  
FORMAT NO.:CPRI/PUR/eTBID/GTP

**Section II -Technical Specification**

**CENTRAL POWER RESEARCH INSTITUTE, BANGALORE Web: www.cpri.in, www.tenderwizard.com/CPRI, Telefax: 080-2207 2010**

Tender Enquiry No.: CPRIblr19DMD26S562

Description of the Equipment/Goods/Services: FUME HOOD

Note : 1) The Offers should be submitted only in this format otherwise the offer will be liable to be rejected.

2) All blue fields are mandatorily to be filled in.

3) Pre-despatch Inspection & Training expenses shall be borne by CPRI. Information regarding the readiness of the equipment/machinery for the Pre-despatch Inspection should be communicated in writing by the supplier at least 70 (Seventy) days in advance, to obtain clearance from the Ministry, Government of India for deputation of nominated CPRI officers.

Name of the Vendor

Quotation Number and Date

Sl.No.	Parameters	CPRI Specification / Requirements	Qty	To be completed by the Bidder	
				Guaranteed Technical Particulars (GTP)	Specify deviations/Remarks if any
1	Place where equipments to be supplied	DMD, CPRI, Bengaluru - 2 No.			
2	Scope	Supply, Installation, Commissioning & Training			
3	Internal Dimension	1200 x 750 x 2400 mm (LxBxH)			
4	Material of Construction Outer	The cabinet is constructed by G.I. sheets with 120 grams per sq. m of zinc deposition of zero spangled nature to aid better powder coating absorption. CRCA corrodes and hence should be avoided.			
5	Powder Coating Finish	The G.I. panels are to be coated with epoxy powder coating of thickness (70-80 microns) with electrostatic difference and baked at temperature of 160 °C for glossy aesthetic finish. Epoxy polyester powder should be avoided for better chemical resistance and wear resistance.			

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6	Door	Single, concealed type door, vertical sliding, balanced with counter weights and sash weights			
7	Inner material of construction	4 MM thick FRP/PP			
8	Ducting	Rigid ducting of PP/FRP of 200-300 mm dia. 4-5 mm thick rigid PP/FRP pipe to be provided with suitable rain- hood.			
9	Baffle	A stable constructed of phenolic resin laminates , 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 linear and shall be removable for cleaning.			

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10	Exhaust blower	Silent high efficiency remote blower have 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 100-125 FPM. The blower body is madeup of FRP UV treated high density and corrosion resistant and is mounted on a metallic stand.			
11	Casing	6 MM thick FRP Bisphenol 'A' fumerate Resin.			
12	Sash	The sash shall be of glass with vertical rising frame. The bottom of the sash frame shall have a full length handle. The glass panel shall be 5mm toughened glass.			
13	Lighting	Suitable LED lighting to be provided			
14	Electrical Arrangements	3 No's. Electrical sockets and switches of (230V, 5/15A) to be provided			

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15	Sink & water tap	1No of suitable sink with water tap.			
16	Gas connections	4 no.s of Suitable gas connections to be provided for inert gases.			
17	Warranty	Warranty for 1 year from the date of Successful installation.			
18	Training	Training for 2 Officers of CPRI on operation & maintenance of equipment at CPRI			
19	Pre installation requirement	Pre-installation requirements have to be mentioned with the offer.			
20	Compliance of specification	Compliance of the specification shall be indicated unambiguously in the column provided and shall be supported by documentary evidence such as product catalogues / application notes.			

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21	Deviations	Deviations if any from the specifications given above which provides improvement in the functioning of the above item/equipment shall be clearly brought out with their advantages.			
22	Additional features	Any additional features other than the above may be brought out clearly.			
23	Customer list	A list of customers (with details like name of contact person, address, phone No.) to whom similar systems were supplied may be furnished.			
24	Presentation	The vendor shall make detailed presentation of the system offered at CPRI Bangalore, during tender evaluation, if required.			
25	Demonstration	Vendor shall arrange for demonstration of the system offered prior to technical evaluation if required.			

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26	Supply of spares	The Vendor shall ensure supply of spares for at least 7 years.			

PN: 1) Bidder shall indicate complete details/information how the CPRI GTP are complied with against each and every specification parameters & mere statement of 'complied' do not suffice the requirement.

2) A detailed technical/catalogue/literature/phamplet and any other details shall be submitted in hard copy in a sealed cover superscribing enquiry number and due date so as to reach the following address within the due date and time.

3) The Indian representative of the foreign/overseas firms shall submit the Letter of Authorization issued by their principals.

4) The bidder shall submit the quotation / offer in the above prescribed format of Section IA, IB and II only. Informations any other forms shall be rejected.

**Address** : Joint Director (Purchase), Purchase Authority, Central Power Research Institute, Sadashiva Nagar P.O., P.Box.No.8066, Bengaluru-560 80.

Telefax: 080-2207 2010., email: purchase@cpri.in, web: www.cpri.in