



IITM

भारतीय उष्णदेशीय मौसम विज्ञान संस्थान

(पृथ्वी विज्ञान मंत्रालय, भारत सरकार का एक स्वायत्त संस्थान)

डॉ. होमी भाभा मार्ग पाषाण, पुणे- ४११ ००८

INDIAN INSTITUTE OF TROPICAL METEOROLOGY

(An Autonomous Institute of the Ministry of Earth Sciences, Govt. of India)

Dr. Homi Bhabha Road, Pashan, Pune - 411 008. India



पूछताछ सं./आईआईटीएम/सीई/वर्क्स/एमएक्यूडब्ल्यूएस/एलटी/17-18/03

ENQUIRY NO: IITM/CE/Works/MAQWS/LT/17-18/03

दिनांक: 21.02.2018

सेवा में/ To,

विषय: - सामान्य प्रशासन के निकट 'रसायन प्रयोगशाला' के रूप में कक्ष सं.103 का नवीकरण

Sub: - Renovation of room no. 103 near to GA as 'Chemistry lab' at IITM, PUNE-8.

प्रिय महोदय / Dear Sir,

आपको उपर्युक्त कार्य के लिए चुना गया है। मैं एतद्वारा निविदा दस्तावेज और वाणिज्यिक बोली को अग्रेषित कर रहा हूँ। आपसे अनुरोध है कि निविदा प्रस्तुत करने से पहले कार्यस्थल का निरीक्षण कर लें। तकनीकी व्यावसायिक बोली दिनांक: 08.03.2018 को 12.30 बजे तक पहुँच जानी चाहिए। प्राप्त निविदाएं उसी दिन 15.00 बजे खोली जाएंगी।

You have been shortlisted for the above subject work. I am to forward herewith tender document & commercial bid. You are requested to inspect the site before submitting the tender. The techno-commercial bid should reach to the institute on or before 08.03.2018 by 12.30 Hrs. Tenders received will be opened on same day by 15.00 Hrs

धन्यवाद / Thanking you.

भवदीय / Yours faithfully.

ए.के. सक्सेना / A.K.Saxena
सिविल इंजीनियर / Civil Engineer
कृते निदेशक / For Director

INDIAN INSTITUTE OF TROPICAL METEOROLOGY, Dr. Homi
Bhabha Road, Pashan, PUNE - 411 008

Tender NOTICE No.: IITM/CE/Works/MAQWS/LT/17-18/03

**NAME OF WORK: Renovation of room no. 103 near to GA as
'Chemistry lab' at IITM, Pune-8.**

(Techno-commercial Bid)



INDIAN INSTITUTE OF TROPICAL METEOROLOGY PUNE-411 008

Tender Notice No.: IITM/CE/Works/MAQWS/LT/17-18/03

Sealed item rate tenders are invited from the experienced Contractors registered with PWD, CPWD, MES and industrial contractor for carrying out the following work at Indian Institute of Tropical Meteorology, Pune-8.

Sr.No.	Name of Work	Estimated Cost	Completion Period
1.	Renovation of room no. 103 near to GA as 'Chemistry lab' at IITM, Pune.	Rs. 3,83,860=00	30 days.

Date of issue of Tender documents 21/02/2018

Last date of submission of Tender 08/03/2018 (12:30 Hrs)

Opening of Tenders 08/03/2018 (15:00 Hrs.)

[Note: Vendor may visit the site visit on 28/02/2018 (11:00 Hrs)]

E.M.D: Rs. 8000=00 (Rs. Eight thousand only) only DD/ Bank guarantee from any Nationalized/Scheduled bank drawn in favor of Director, IITM Pune. EMD of unsuccessful bidders will be released on award of the work to successful contractor.

Following documents are to be submitted along with techno-commercial bid:

- 1) Company profile & firm registration.
- 2) Copy of Permanent Account Number (PAN) and GST registration no.
- 3) Bank details: RTGS Details

Other terms and Condition:

- 1) This tender is not transferable.
- 2) Tenders received through Fax / E-mail / Telegraphic / Telex will not be considered.
- 3) The tenders must be clearly written or typed without any cancellations / corrections or overwriting.
- 4) Unsigned Tenders will also be rejected.
- 5) Part and incomplete tenders are liable to be rejected.
- 6) Tenders addressed to The Director, Indian Institute of Tropical Meteorology, Pune-411008 are to be submitted super scribed with Tender No. IITM/CE/Works/MAQWS/LT/17-18/03 for Renovation of room no. 103 near to GA as 'Chemistry lab' at IITM, Pune-8.
- 7) IITM will not be responsible:
 - a) For delayed / late quotations submitted / sent by Post / Courier etc.



b) For submission / delivery of quotations at wrong places other than the Office of
Director, IITM, Pune-8,

8) Contractor shall inspect the site before quoting their rates.

9) The rate shall be quoted inclusive of all taxes (GST, labour cess, service tax) duties, octroi etc. complete.

10) Delivery Period: As time is the essence of the contract, period of completion work 30 days (thirty days) mentioned in the work Order should be strictly adhered to.

11) **PAYMENT Terms:**

a) No advance will be paid.

b) Maximum two bill may be raised i.e. One running bill and on completion of entire work final to be claimed.

c) 95% payment will be made on completion of work & handing over of clear site to the Institute and Balance 5% will be released on completion of 12 months defect liability period from handing over the clear site to the Institute.

d) No any price escalation will be granted.

12) The prices quoted should be firm and irrevocable and not subject to any change whatsoever, even due to increase in cost of raw material components and fluctuation in the foreign exchange rates and excise duty.

13) IITM will not provide any accommodation/transportation for the Engineers/Representatives.

14) **DEFECT LIABILITY PERIOD:** Defect liability period of the work will be 12 months from the date of actual completion of work and on handing over the clear site to IITM Pune.

15) No sub-contracting is allowed for installation or maintaining system/equipment/instrument during or after warranty period.

16) Discount if any offered should be mentioned clearly in the commercial bid only.

17) **PENALTY CLAUSE:**

If the work is not completed by scheduled time or if you leave work in half complete stage, the liquidated damages will be charged or deducted 1.0% per week of the work order cost and the maximum to 10% value of work order.

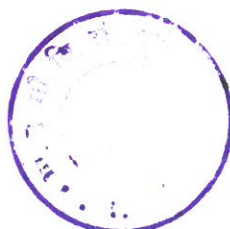
18) **EXTRA ITEM:**

The rate for Extra Item shall be worked out in accordance with the following rules:

a) The rates for the extra items shall be derived from the rate of an appropriate item of similar class for which the rate already has been accepted, where same can be directly derived.

b) The contractor shall be bound to carry out any extra items of work as per site requirement with prior approval of the Institute's authority. The rate for extra items shall be derived from the rate already quoted. Where the items are not specified in the BOQ the rate shall be worked out at cost of material +labour cost+ taxes +10% over heads, wastage, transportation & profit.

19) **DEVIATION:** Additional work/any deviation beyond work order quantities requires prior approval of the IITM authorities before execution of such work. The permissible overall deviation from the work order value is 10% and such deviation should not be executed at site without prior approval of Institute's authority.



20) Corrupt or Fraudulent Practices.

A) IITM requires that the bidders/contractors under this tender observe the highest standards of ethics during the procurement and execution of such contracts. In pursuance of this policy, IITM:

i) Defines for the purposes of this provision, the terms set forth as follows:

a) "Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of the public official in the procurement process or in contract execution; and

b) "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or a execution of a contract to the detriment of IITM, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive IITM of the benefits of the free and open competition;

ii) Will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

B) IITM will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that the firm has engaged in corrupt and fraudulent practices in competing for, or in executing, a contract.

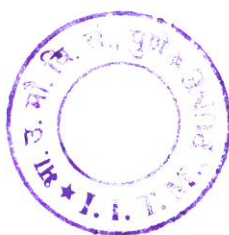
21) Conditional Offers will not be considered.

22) All disputes are subject to exclusive jurisdiction of Competent Court and Forum in Pune, India only.

23) The Director, Indian Institute of Tropical Meteorology, Pune 411 008, India reserves the right to accept any tender in full or in part or to reject the lowest or any or all tenders without assigning any reason.

24) The Director, Indian Institute of Tropical Meteorology, Pune will be the final authority to decide the appropriate action and it will be binding on the Vendor.

For Director
Email: civil@tropmet.res.in



COMERCIAL- BID

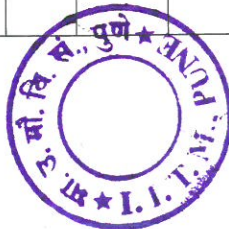
NOTE: 1) Contractor shall inspect the site before quoting their rates.

2) The rate shall be quoted inclusive of all taxes, duties, octroi etc. complete

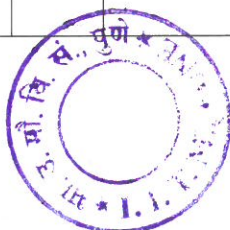


BoQ for renovation of room no. 103 as "chemistry lab" in IITM, Pune.

Sr. no.	Description	Qty	Unit	Basic Rate	CGST	SGST	Total Rate	Amount
1	Dismantling of old wash basins including fitting fixtures and outlet pipe if any etc. & disposing off the debris material beyond PMC limit all as directed by Engineer In charge.	2	each					
2	Providing and fixing working platform width 2'6"x height 2'6" with below storage and 1 drawer at top in 18mm thick ply on top and 18mm thick granite top and for sides, bottom & front with 18mm thick ply both side laminate , edge laminate/ lipping including necessary support, fittings, fixtures such as handles, hinges, magnet , key locks etc. complete in all respect all as Directed by engineer-In- charge. [Note - Image 1 enclosed for reference]	16	Rft.					
3	Providing and fixing open shelves over head storage height 2'6" and width 1.25' in three compartments with 18mm thick ply board for top, bottom sides and back side 12mm thick plyboard with both side laminate , necessary vertical support if require at 3' c/c including edge laminate / lipping , all necessary support fittings fixtures complete in all respect all as Directed by engineer-In- charge. [Note : Image 2 enclosed for reference]	16	Rft.					
4	Supplying and fixing ceramic laboratory basin/sink in granite counter (in rectangle 630x450 with maximum clear depth) including necessary plumbing work for with required fitting and plumbing material etc. such as brackets, bib cocks, stop cocks, inlet outlet connections, pillar taps etc. complete in all respect all as directed by engineer-in-charge. [Note - Image 1 enclosed for reference]	1	No.					



5	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut granite for kitchen platforms, vanity counters, window sills , facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups and fixing with araldite or silicon sealant including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite (jet black) and Area of slab over 0.50 sqm [Location : table top]	2.3	sq.m.					
6	Providing and fixing Aluminium section 2.5"x1.5" powder coated partly 6mm thick glass and partly both side pre-laminated 12mm thick board including necessary fittings such as rubber gaskets, aluminium beeding etc.complete in all respect all as Directed by engineer-In- charge.	88	sq.ft.					
7	Providing and fixing Aluminium section 2.5"x2" powder coated openable shutter(7'x3'3") with partly in 6mm thick glass and partly 12mm thick both side pre-laminated board including necessary fittings and fixtures such as handles, locks, door closer, rubber gasket, aluminium beeding etc.complete in all respect all as Directed by engineer-In- charge.	24	sq.ft.					
8	Structural steel work in fabrication, fixed with or without connecting plate, including cutting, hoisting, welding, fixing in position and applying a priming coat of approved steel primer and two coats of synthetic enamel paint all complete.	450	kg					
9	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-incharge. Made of G.I. wire of dia 4 mm	16	sq.m.					



10	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - 1:1½:3 (1 Cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size)	1	cum					
11	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	5	sq.m.					
12	Providing and fixing roller type window blinds including all necessary fittings.	90	sq.ft.					
13	FUME HOOD for General Application - MS Construction							
	Fume exhaust hood, Model: CAFH 1200 Working size : W 1200 x D 600 x H 600 Overall size : W 1250 x D 650 x H 2100 MOC : In Outer GI & Inner FRP lining [Note : Detailed specification is attached in tender documents and Image 3 enclosed for reference]	1	No.					
14	Providing and applying one coat of primer and two or more coat of luster paint over plastered surface of internal walls for internal painting, including scrapping with sand papering of existing oil bound distemper and preparing the surface smooth including necessary repairs to scratches, cracks with birla white putty and POP etc. complete Cleaning the splashes on floors, walls, doors, windows, glass panes, grills etc. curing where required, providing scaffolding, ladders, ropes protecting till handing over, all as directed by Engineer-in-charge. [Make : Asian / Burger / Nerolac / Dulux]	115	sq.m.					
							Total =	

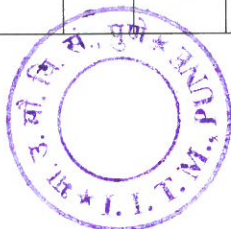


IMAGE - 1

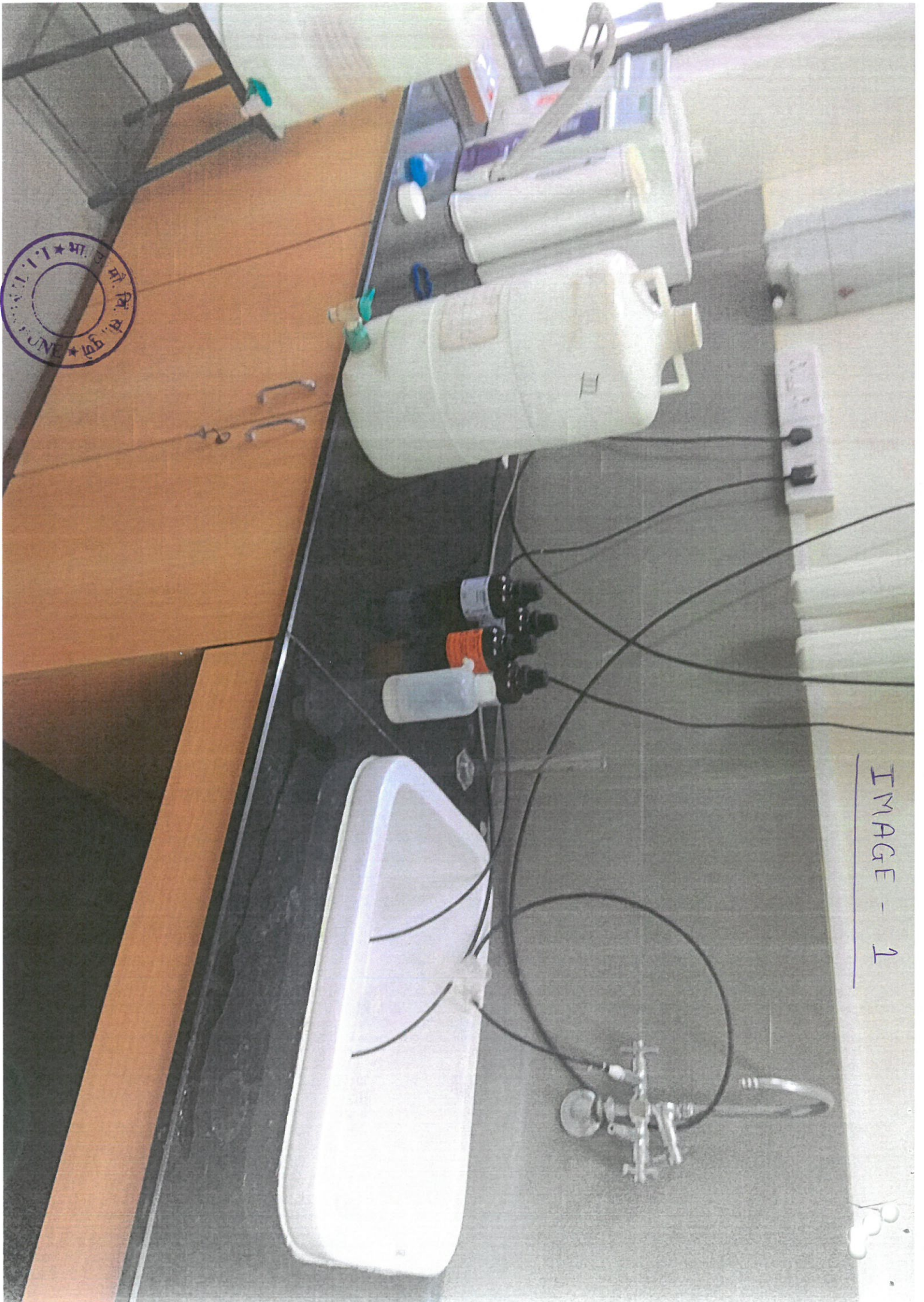
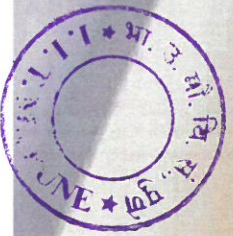


IMAGE - 2



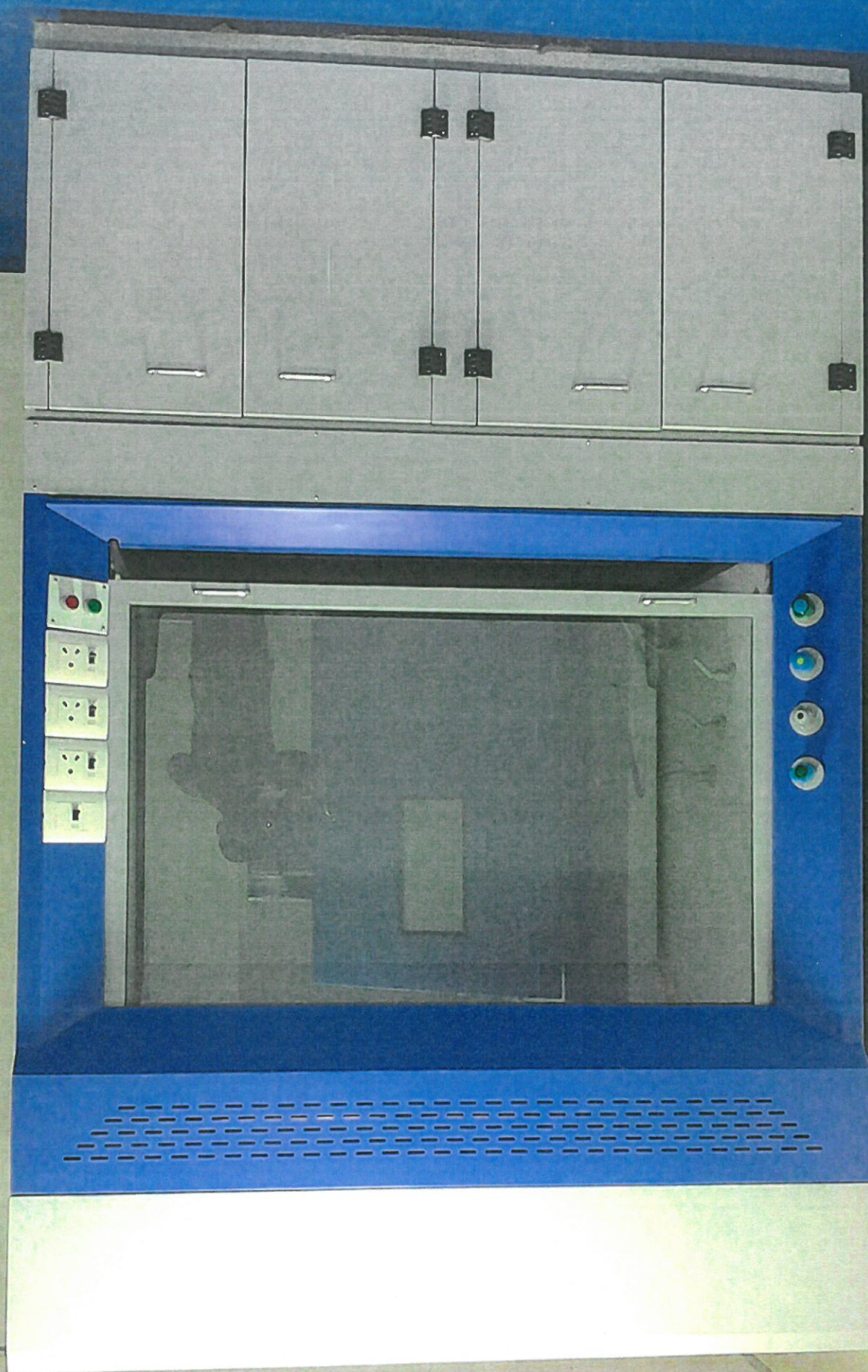


IMAGE - 3

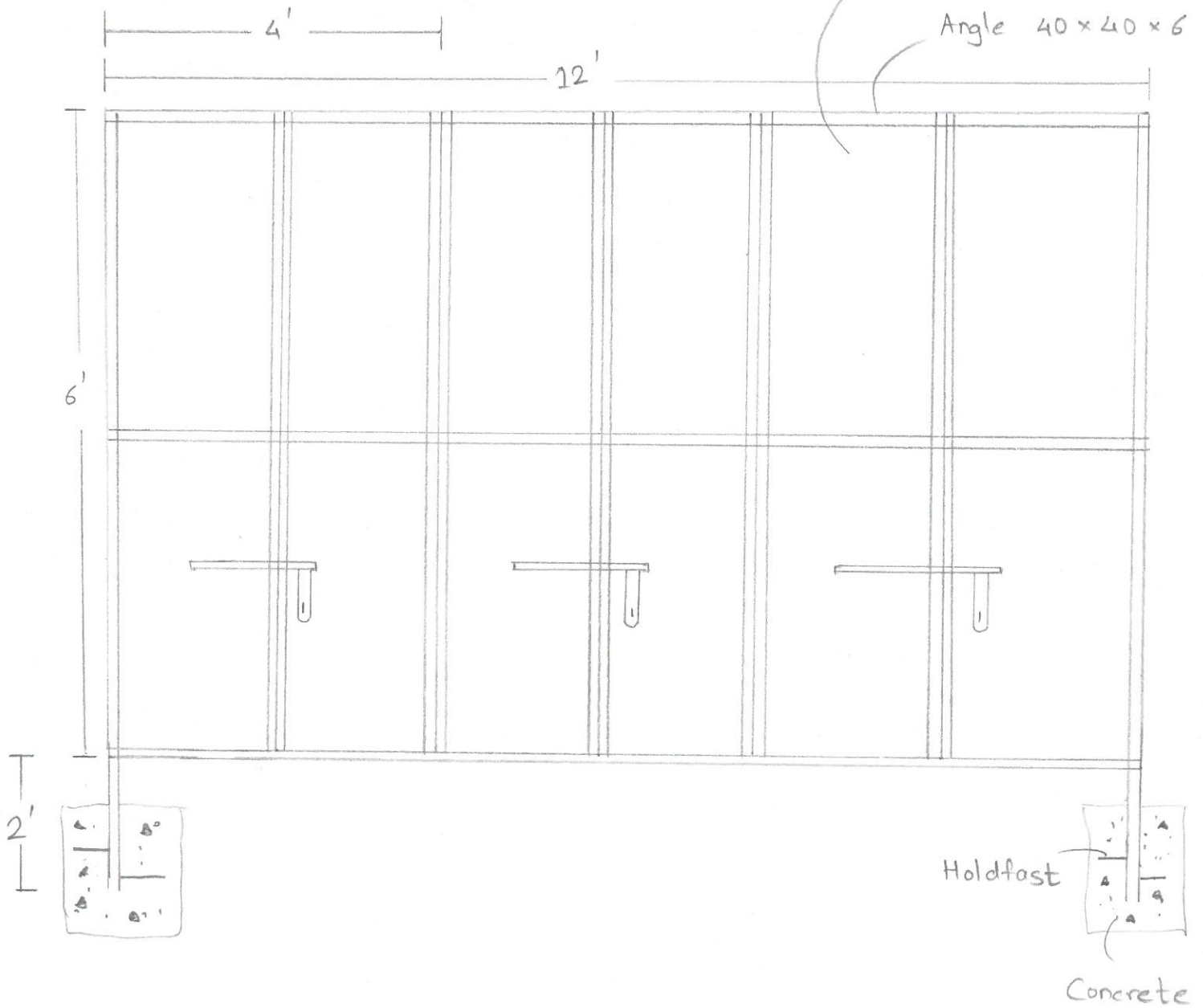
$L = 12'$

$H = 6'$

$W = 16''$

Chain link
 50×50

Angle $40 \times 40 \times 6$



Cage for cylinders.



Specifications for Fume Hood

Overall size: width - between 4 and 5 feet; depth - 60-70 cm; height – 60 to 70 cm

Material of fume hood: Outer - GI and Inner - FRP Lining

Three sides of the hood are to be permanently closed and the front side is to be provided with sliding door with at least 4 mm thick Polycarbonate sheet with suitable frame.

Under-bench storage shelf is required. Each under-bench module should be provided with top drawer and a horizontal partition and lockable doors.

Material for Modules - galvanized iron sheet and finished poly-urethane paint over three coating of surface primer.

Inside the working chamber, there should be a sturdy baffle at about 300mm above the work-table to uniformly direct the fumes directly into the hood's exhaust system.

Centrifugal blower is to be mounted on top of the Hood / outside the lab. The blower and casing should be made of mild steel with polyurethane paint coated / FRP finish.

Fume hood material - FRP construction or pre treated electrogalvanized iron sheet and coated with polyurethane paint finish with interior FRP lining.

Working surface should be provided with finely polished black granites with curved edges Front door slide 600 / 900 mm height from the bed / work table.

Worktable height 750 / 900 mm from the floor level, Air Balancing 100% Exhaust with air bye-pass entry

Power Supply - Single Phases, 220 V, 50 Hz

Material of construction: approx. 18 SWG Galvanized Iron sheet metal constructions with exteriors by polyurethane paint coated finish

Inner work area is to be covered with 3 mm FRP-GP lining for up to 600/900mm height from the worktable.

Working Surface: The work table to be made of 6 mm thick Single molded FRP with heavy underneath support.

Front door: The Front door to be made of 4 mm thick Polycarbonate Sheet, connected to suitably balanced counter weight through wire rope for smooth up & down movement

Under Storage Cabinet / Base cabinet: Complete rigid structure to support fume hood. Chemical resist two storage units with shutters. Each unit should be provided with shelf, Double skin Shutter with self-closing hinges & Lock and Key.

Sink: Made of FRP / PP with Single way water tap.



Exhaust Blower: 800 – 1500 CFM displacing capacity at a minimum of 65mm WC static and driven by 1/3 HP – 1 HP, single phase of any reputed make such as CROMPTON / KIRLOSKER. The blower should be dynamically balanced and made of MS with CRCA sheet metal casing with complete inside FRP lining.

Motor & blower unit to be mounted directly on the top of the Hood or shall be installed on dedicated platform /foundation to be laid outside the lab and connect through exhaust duct made of rigid PVC pipe with suitable weather cowl.

Suitable ON/OFF control should be provided for the operation of the motor & Light.

Other provisions:

Illumination - LED Fitting with diffuser

1 or 2 nos. of 5/15A power sockets

Two inlet nozzles for gas / vacuum supply

Heavy duty floor levelling screws

Installation : to be installed by vendor

Warranty: at least 12 months

Quote validity: at least 2 months

