



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

शिक्षा मंत्रालय, भारत सरकार द्वारा स्थापित
सैक्टर 81, नॉलेज सिटी, प. ओ. मनोली, एस. ए. एस. नगर, मोहाली, पंजाब 140306
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH MOHALI
(Established by Ministry of Education, Govt. of India)
Sector-81, Knowledge city, PO-Manauli, SAS Nagar Mohali-140306, Punjab
PAN No. - AAAAI1781K GSTIN - 03AAAAI1781K2ZS

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CPPP/Institute Website

IISERM (1433)20/21-Pur

Dated: 02nd March 2021

NOTICE INVITING E-TENDER

Online tenders are invited on behalf of the Director, IISER Mohali in **TWO BID SYSTEM** for the **Supply and Installation of Lab Furniture** as per technical specification and details given below and BOQ list from the original manufacturer/supplier at CPPP i. e. <https://eprocure.gov.in/eprocure/app>. Tender documents may please be downloaded from the E-procurement portal website <https://eprocure.gov.in/eprocure/app&> Institute website www.iisermohali.ac.in.

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Assistant Registrar (P&S)



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शिक्षा मंत्रालय, भारत सरकार द्वारा स्थापित
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E-TENDER NOTICE

Tender Ref.- IISERM(1433)20/21-Pur	Dated :- 02 nd March 2021
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Critical Date Sections

Sr.	Description	Date	Time
1.	Tender Publishing Date and time	02 nd March 2021	6:00pm
2.	Tender Document download start Date & Time	02 nd March 2021	6:00pm
3.	Bid Submission start Date & Time	02 nd March 2021	6:00pm
4.	Bid Submission End date and Time	22 nd March 2021	Upto 11:00am
5.	Tender opening Date and Time	23 rd March 2021	At 11:30am

Online tenders are invited on behalf of the Director, IISER Mohali in **TWO BID SYSTEM** for following item(s) from the original manufacturer/supplier at CPPP i.e. <https://eprocure.gov.in/eprocure/app>. Tender documents may please be downloaded from the E-procurement portal website <https://eprocure.gov.in/eprocure/app> & Institute website www.iisermohali.ac.in. Tender fee of Rs 590/- (Non-refundable) and EMD of Rs.15000/- should be submitted by Demand Draft /FDR/ Bank Guarantee in favour of the Registrar, IISER Mohali payable at Mohali or through Online mode in Institute Account (Canara Bank Saving Account Number 4790101001912 and IFSC Code CNRB0004790) However, scanned copy of the both Tender fee and EMD should be uploaded on website along with technical bid. The hard copy of the same in original to be send to the address mentioned below duly superscribing the supply/work name and reference/ tender ID on the envelope and same must reach before opening the bid and if not received before due date the bid will be summarily rejected. **Micro & MSME/NSIC and Firms registered and the firms registered with concerned Ministries/ Departments, the bidders are exempted from payment of Tender Fee/EMD as per GOI notifications/GFR (2017) and Ministry of Finance OM No. F.9/4/2020-PPD dated 12 November 2020.**

MSME/NSIC bidders are exempted from payment of Tender Fee/EMD as per GOI notifications/GFR (2017). Bidders will also be required to execute bond/undertaking Bid Security Declaration Form attached as ANNEXURE-I for availing exemption to submit EMD.

The Original EMD and Tender Fee should be sent to:

Assistant Registrar (P&S)
Indian Institute of Science Education and Research Mohali
Sector-81, Knowledge City, SAS Nagar, Mohali, Punjab,
India, Pin: 140306

Non-receipt of original EMD and Tender Fee will lead to rejection of tender.

ITEM WISE DETAILS

Sr.	Description	Qty. (in units)
1.	Supply & installation of Sitting table of size 1500mm L x 600mm W x 750mm H with one lockable drawer 75mm height, having white cedar bawarian birch laminated post formed top with hardwood lipping.(STT2)(as per drawing enclosed-Annexure-II)	05
2.	Supply & installation of Wall side work bench of size 1830mm L x 750mm W x 900mm H having granite top and one shutter and drawer, reagent rack, cable trunking, 5/15 switch/socket at every 2' distance and wiring with 6sqmm cable.(WWB2, as per drawing enclosed- Annexure-II)	04
3.	Supply & installation of Wall side work bench of size 1220mm L x 750mm W x 900mm H having granite top and one shutter and drawer, reagent rack, cable trunking, 5/15 switch/socket at every 2' distance and wiring with 6sqmm cable. .(WWB3, as per drawing enclosed- Annexure-II)	05
4.	Supply & installation of Island work bench of size 1830mm L x 1500mm W x 900mm H , having granite top and one shutter and drawer, reagent rack, cable trunking, 5/15 switch/socket at every 2' distance and wiring with 6sqmm cable.(IWB2)(as per drawing enclosed- Annexure-II)	04
5.	Supply & installation of Wall side sink unit of size 600x750x900mm made up of MS powder coated sheet with granite top(WSU, as per drawing enclosed - Annxure-II)	01
6.	Supply & installation of Wall Chemical Cabinet (WCC1), 1200x380x675 mm	07
7.	<u>Supply & installation of Book shelf/Book cases 4 glass door</u> <u>Technical specifications:</u> a) Scissor Mechanism b) Overall Size 914mm (W)x 315mm(D)x1740mm (H) . c) No. of Doors & Shelve Four Door Size 850mm (L) x 400 (H) d) Toughened Glass 760mm (L) x270mm (H), Toughened 1. glass e) Window Size Thickness-4mm f) Shelf Space Size 910mm(W) x 295mm(D) x 330mm(H) g) The body should be made of 22 gauge CRCA sheet and the doors are made from 20 gauge CRCA sheet duly cut and bend with the help CNC machines .Each Door should be fitted with two stainless steel handles and door should be made from single sheet, welding on the front	01

	<p>frame of the doors should not be acceptable. 5 Lever Cam Lock Swiveling & Sliding Back Mechanism. Door Operation should be noiseless and smooth by the use of special scissor mechanism for the effortless & controlled movement of doors even with a single hand. The manufacturing should be undertaken using Dies/Zigs and fixtures so as to achieve inter changeability, precision and a superb workmanship. Steel welding wherever required, should be done by MIG welding process to minimize distortion and for the deep penetration of the weld. All steel parts shall be pretreated in 4- step anti-corrosion treatment (degreasing, pickling, phosphating, passivation) before being powder coated and baked in oven so as to achieve 40-45 micron thickness of the powder and a complete scratch resistant surface and superb finish.</p>	
<p>8.</p>	<p>Supplying and placing Bar Stool.</p> <p>Technical specifications: The seat shall be made of 15mm thick hot pressed commercial plywood upholstered with high resilience polyurethane foam 30mm thick having density 32kg/m³ with leatherite tapestry 0.8mm thick and 535 GSM and the back shall be made of metal insert pipe upholstered with high resilience polyurethane foam 25mm thick having density 32kg/m³ with leatherite tapestry 0.8mm thick and 535 GSM. The chair shall have 3600 revolving mechanism. The pneumatic seat height adjustment for healthy seating, user can adjust seat height upto 150mm with BIFMA standard class-3 gas-lift to suit them using the lever under the seat. Footrest shall be provided of MS chrome plated round pipe of Dia 15.8mm. The Pedestal should have five legged injection moulded in 30% glass filled black nylon having pitch circle Dia. 650 mm fitted with 5 nos. gliders which shall be made of injection moulded in black nylon 30% glass filled. The seat shall be 440±10 mm(D) X 455±10 mm(W) and back size shall be 535±10 mm(W) X 260±10 mm(H) from seat. Overall height shall be = 875±10 mm.</p>	<p>12</p>
<p>9.</p>	<p>Supply and Installation of Chair</p> <p>Technical Specifications: Chair seat should be made of cushion 15 mm thick hot pressed PU molding. Upholstery with high quality fabric. Back provided with black nylon netting so as to provide comfort to the person's back. Provided with arms. Frame should be made from 25 dia CRCA Pipe and should be powder coated thickness 50-60 micron. The gas lift is covered with PP below cover. The seat & back are joint together by chrome plated bright bar diameter 12 mm thick which is joint back & revolving plate, seat is bolted with rev. plate. The pedestal is made of chrome plated CRCA pipe frame with 5 nos self-lubricating twin wheels.</p>	<p>12</p>

A) IMORTANT NOTES:-

- I. The online updated Price BOO is in INR format.**
- II. The Online bids should be submitted directly by the original manufacturer/supplier. If quotation is submitted/filled by any representative/agent/dealer then they must upload a authority certificate from the principal company.**

- III. **All MSME/NSIC/Startup Units shall be considered as per provisions/rules prescribed by Govt of India.**
- IV. **Auto-extension of last date for E-Tenders has been activated by CPP Portal which has participation 2 bids or less.**
- V. **Warranty: Minimum One year, if not specified above.**

B) SUBMISSION OF TENDER

- I. All bid/ tender documents are to be uploaded online at Central Public Procurement portal i.e. <https://eprocure.gov.in/eprocure/app> only and in the designated cover/ part on the website against tender ID. Tenders/ bids shall be accepted only through online mode and no manual submission of the same shall be entertained except tender fee and EMD. Late tenders will not be accepted.
- II. The online bids shall be opened at the office of the Assistant Registrar (P&S), IISER Mohali, on above given date and time. If the tender opening date happens to be on a holiday or non-working day due to any other valid reason, the tender opening process will be attended on the next working day at same time and place. IISER Mohali will not be responsible for any error like missing of schedule data while downloading by the Bidder.
- III. The bidder shall upload the tender documents duly filled in and stamped by the authorized signatory on each and every page. Tender not submitted/uploaded in the prescribed form and as per the tender terms and conditions shall be liable for rejection.
- IV. The bidder shall upload scanned copy of the PAN Card, GST number duly signed and stamped. **Also bidders applying against ‘MSME/NSIC Certificate’ issued by appropriate Authority, should ensure that the certificate attached is relevant to the area of service/supply. For example, If the tender is for “supply & installation of Desktop” the certificate should be issued for activity/area of “Computer supply and services activities etc” otherwise bid will be REJECTED without notice.**
- V. E-procurement system ensures locking on the scheduled date and time. The system will not accept any bid after the scheduled date and time of submission of bid.

A) INSTRUCTIONS

- 1. The Online bids should be submitted directly by the original manufacturer/supplier, If quotation is submitted/filled by any representative/agent/dealer then they must upload a authority certificate from the principal company for quoting the price otherwise such quotation will be rejected.
- 2. The quantity mentioned in this inquiry is and shall be deemed to be only approximate and will not in any manner be binding on the Institute. Before the deadline for submission of the online bid, IISER Mohali reserves the right to modify the tender document terms and conditions. Such amendment/modification will be notified on website against said tender ID.
- 3. The rates offered should be FOR Chandigarh/Mohali in case of firms situated outside Chandigarh/Mohali, and free delivery at the Institute premises in case of local firms. Supplier from outside India should mention the Ex-works/FOB/FCA/CIF/CIP price clearly. Conditional tenders will be summarily rejected.
- 4. In case of Ex-godown terms the amount of packaging forwarding freight etc. should clearly be indicated by percentage or lump sum amount. Institute has policy not to make any advance payments towards any purchase, Letter of credit can be opened if required.
- 5. THE INSTITUTE IS EXEMPTED FROM CUSTOM DUTY under notification no- TU/V/RG/-CDE(1062)/201 CUSTOM DT.30.08.2016.
- 6. Tax: This Institute is not exempted from the payment of GST. The current rate (i.e. percentage of GST should be clearly indicated included or excluded) wherever chargeable. Please also provide/upload the copy of PAN card, GST number duly self-attested.
- 7. Concessional GST is applicable for all the items purchased for Research labs vide Ministry of Finance, notification no. 45/22017 dated 14.11.2017 and 47/2017 dated 14.11.2017.

8. Bidder/s quoting in currency other than **Indian Rupee (INR)** should explicitly mention the currency in which tender quoted wherever applicable in Technical Bid along the tender documents.
9. The delivery period should be specifically stated. Earlier delivery will be preferred.
10. The firms are requested to provide/upload detailed description and specifications together with the detailed drawings, printed leaflets and literature of the article quoted. The name of the manufactures and country of manufacture should also invariably be stated. In the absence of these particulars, the quotation is liable for rejection.
11. Validity of offer: 90 days. The warranty period after satisfactory installation should be mentioned and firm should replace all manufacturing defect parts/ whole item under warranty without any extra cost including clearance, freight, taxes. Security deposit/ Bank Performance Guarantee @ 3% of the value of supply order, in terms of *Ministry of Finance, DoE, GOI, OM. No. F.9/42020-PPD dated 12-11-2020* and as per norms may be sought from the firms.
12. The right to reject all or any of the quotation and to split up the requirements for itemized L-1 or relax any or all the above conditions without assigning any reason is reserved by the IISER Mohali. For any corrigendum and addendum please be checked the website <https://eprocure.gov.in/eprocure/app> and <http://www.iisermohali.ac.in>
13. Disputes, if any, shall be subject to jurisdiction in the court of Mohali only.

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Assistant Registrar (P&S)

ANNEXURE-I

Bid Securing Declaration Form

Date: _____ E-Tender No. _____ E-Tender ID _____

To (insert complete name and address of the purchaser)

I/We. The undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or

b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or reuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders. I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

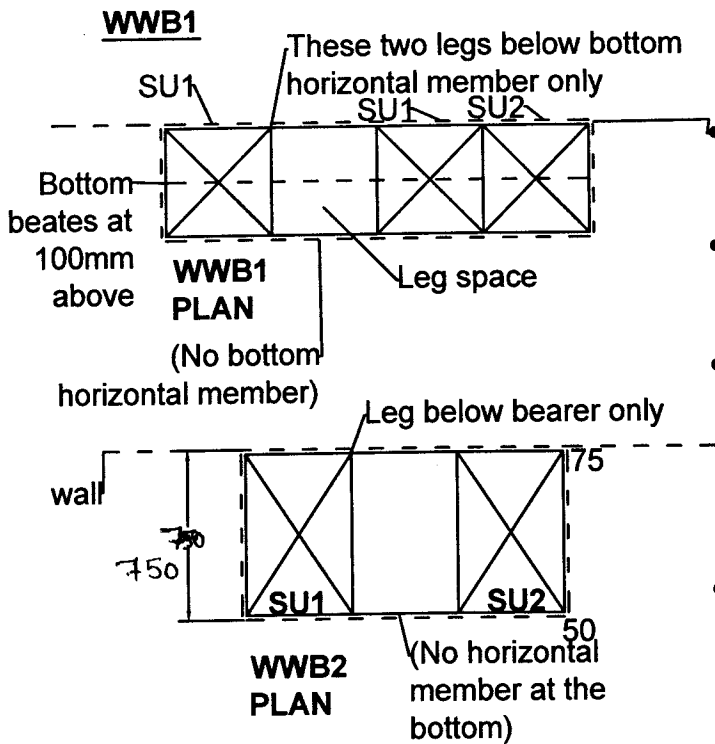
Signed: (insert signature of person whose name and capacity are shown)
in the capacity of (insert legal capacity of person signing the Bid Securing Declaration)

Name: (insert complete name of person signing he Bid Securing Declaration)
Duly authorized to sign the bid for an on behalf of (insert complete name of Bidder)

Dated on _____ day of _____ (insert date of signing)
Corporate Seal (where appropriate)

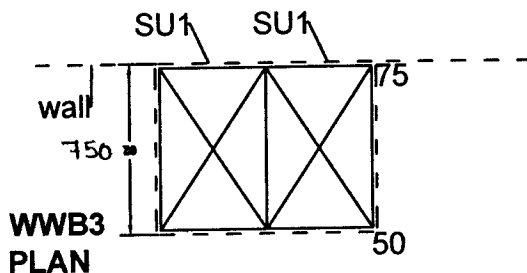
(Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid)

PS: *Furnish the above in original stationary/letter head with signed and sealed.*



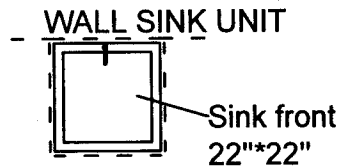
- Granite top projection 75mm at the back (No rounding) with 100 high splashrack of same material
- Other 3 sides projected to be 50mm top edge $\frac{1}{4}$ rounded and polished
- Note; where 2 unit are Joined that side not to be rounded but straight cut and polished

- All storage units should have group locking system (or all drawers in one vertical row should have one key)



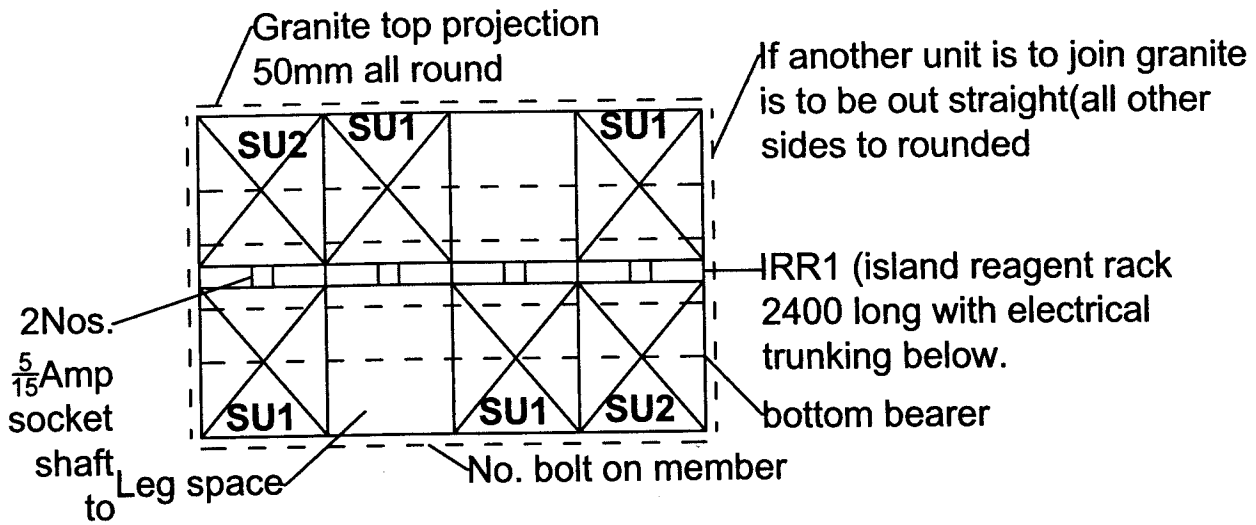
- All work benches 900 and 750mm deep (all work top sides)
- WWB1; wall work bench 2440 (8') long.
- WWB2; wall work bench 1830 (6') long.
- WWB2A; 1500 long.
- WWB3; wall work bench 1220 long.
- WSU; sink unit against wall 610 long.

WWB2N; wall work bench
6'3" high * 2' wide
 • WWB2WD; " " " "
 6'3" high * 3' wide
 • WWB3WD; " " " "
 4'3" high * 3' wide

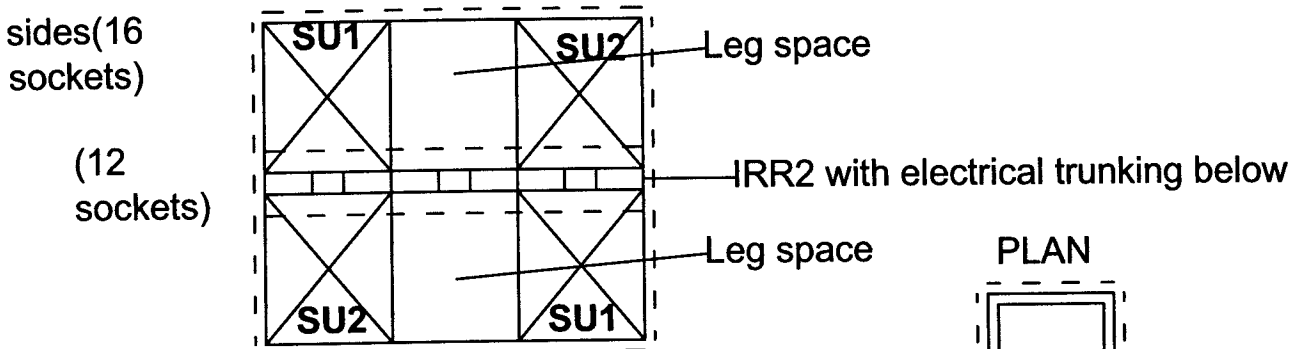


WSU(ss); Stainless Steel Sink
 WSU(c); Ceramic Sink
 (600 wide, 900 deep, 700 high)

- Expect where mentioned otherwise all tops will be 1st quality plain jet black Granite polished and rounded/straight cut as below
- see sheet 3 below

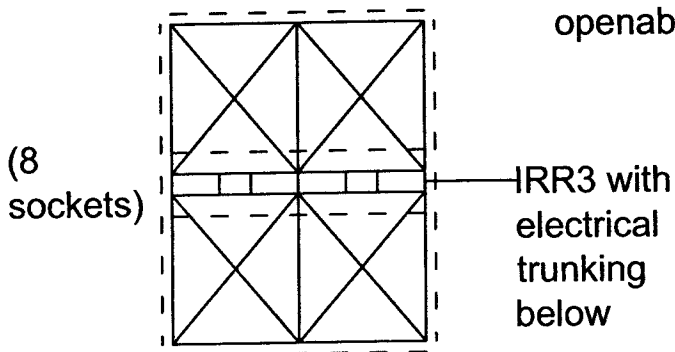


IWB1; island work bench. 2440*1500*900high



IWB2; Island work bench. 1830*1500*900high

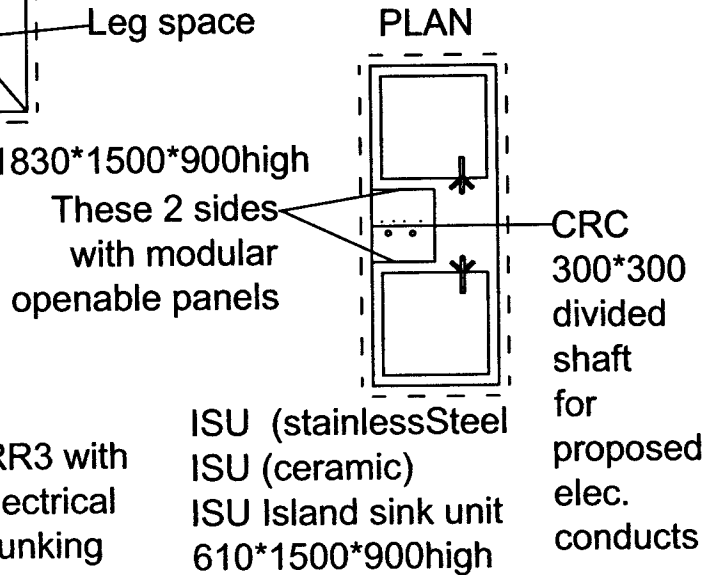
PLAN



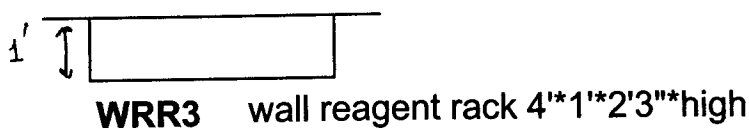
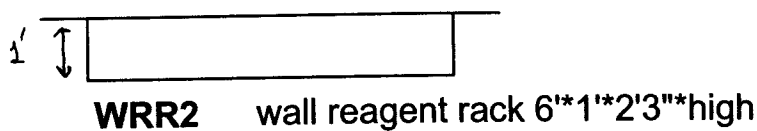
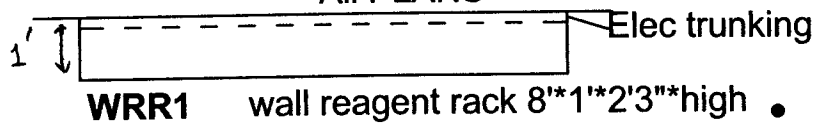
IWB3; island work bench. 1220*1500*900high

PLAN

IWB4; Island work bench. 915*1500*900high

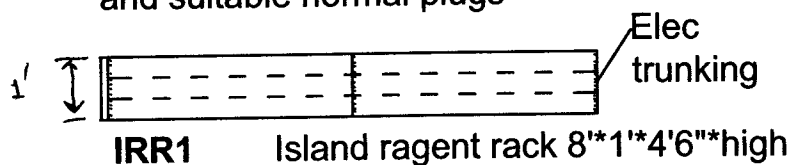


All PLANS

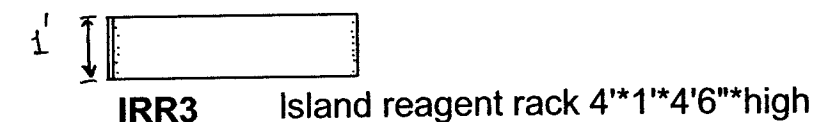
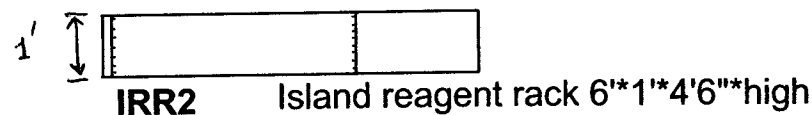


- For all three bolt on shaft at 4'9" height with electrical trunking below.
- Every 2' space 2 nos. $\frac{5}{15}$ Amp sockets.
- Top of rack at 7' wt and interimidate shaft at 1'6" ht.

Note; All racks firmly fixed to wall by chemical resistant (85) screw and suitable normal plugs



Note; All reagent racks to be firmly attached to bench tops without toppling possibility

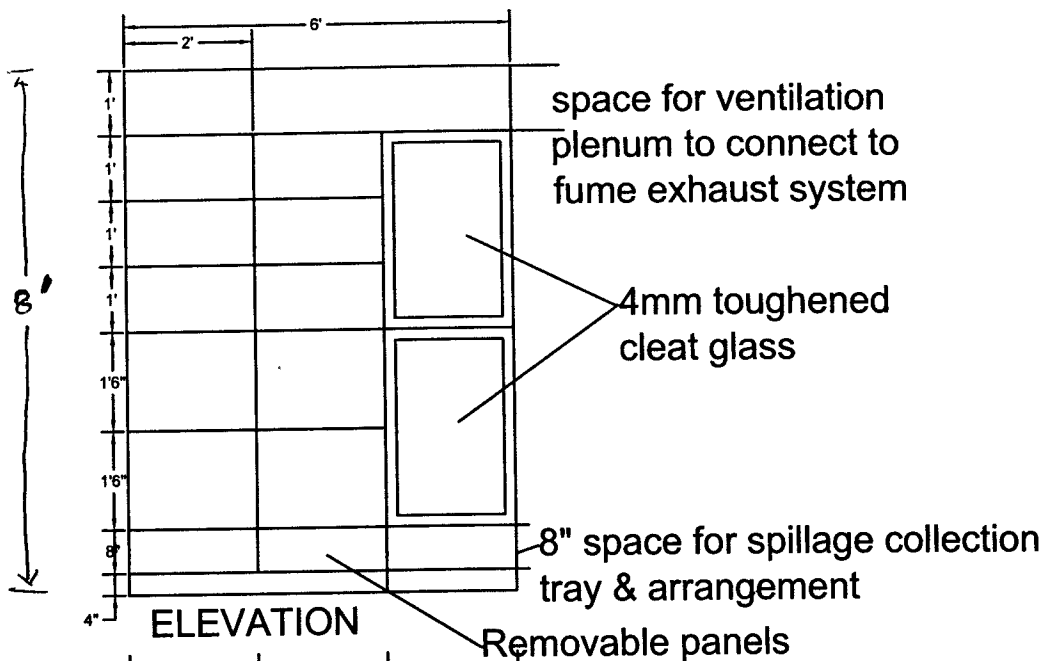


Note; All reagent racks are to be of crc sheets of adequate strength

ELECTRICAL

- For all three bolt on shelf at 1'6" above work top with electrical trunking below.
- Every 2' space 2 nos. $\frac{5}{15}$ Amp sockets, facing both sides.

Top of rack at 5'6" height & intermediate shelf at 4'6"ht

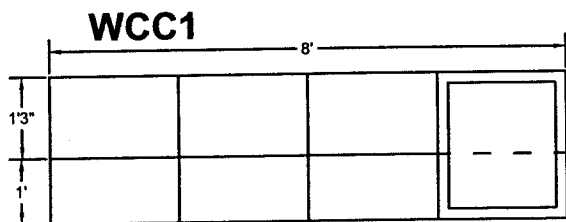


shelves shown without shutter {shutter for clarity shown without shelves}

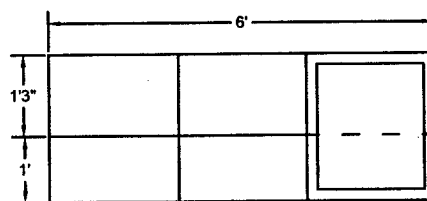
- All the 3 top shutters and 3 bottom shutters shall be individually lockable, Brushed stainless steel pull handles to be provided
- 4 leveling bolts/brushes to be provided at the bottom

VCC: Ventilated chemical cupboard (vcc)2'6" deep
 (To be constructed out of crc sheets with each shelf bearing with adequate stiffeners to take the loading (1 shelves 10 kgs;1'6"shelves;20kgs each)

WCC2

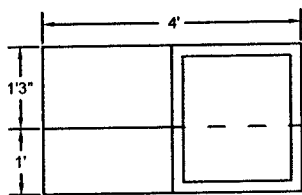


WCC1(wall wall chemical cabinet8' long
 4'9" from floor



WCC2;6' long

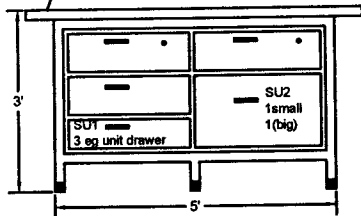
2 nos.15/5 amp out lets every 2'



WCC3; 4' long

- Only one shutter shown for clarity in each cabinet
- All cabinets 1'3" deep
- Electrical trunking to be provided below all cabinets

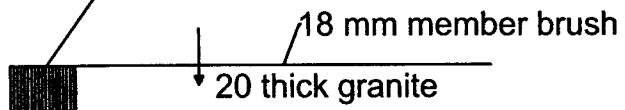
Granite top pasted to plywood under long with metal paste



WWB3 (detail apply to WWB1 and WWB2 also)

- All drawers to slide on telescopic sliders with roller/ball bearing. Drawers to be of crc steel construction

Top edge and corner rounded



150 long
15*15*3 ms angle cleat welded in frame (3 per side)

30*30*2 square 6 SWG sheet tuber gas welded



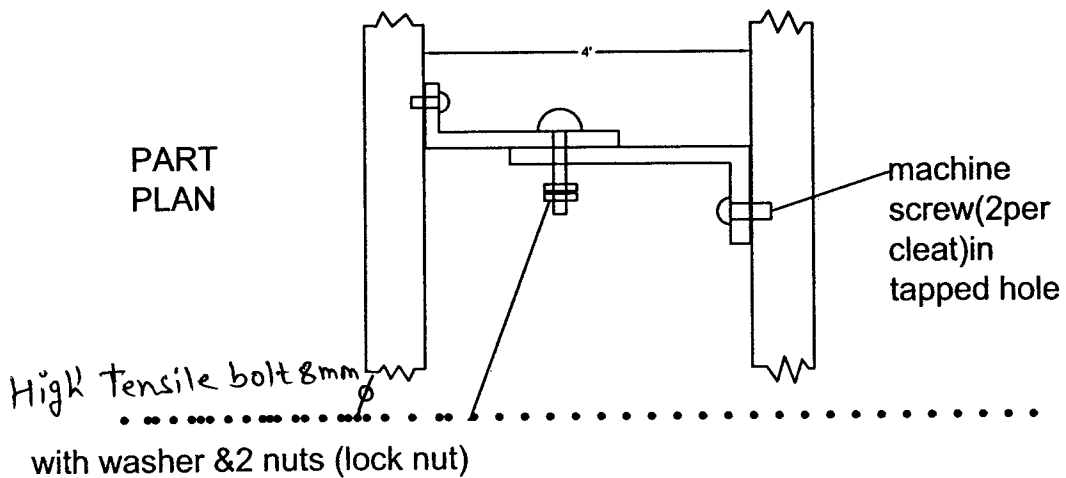
12mm plywood underlong (see specs.)

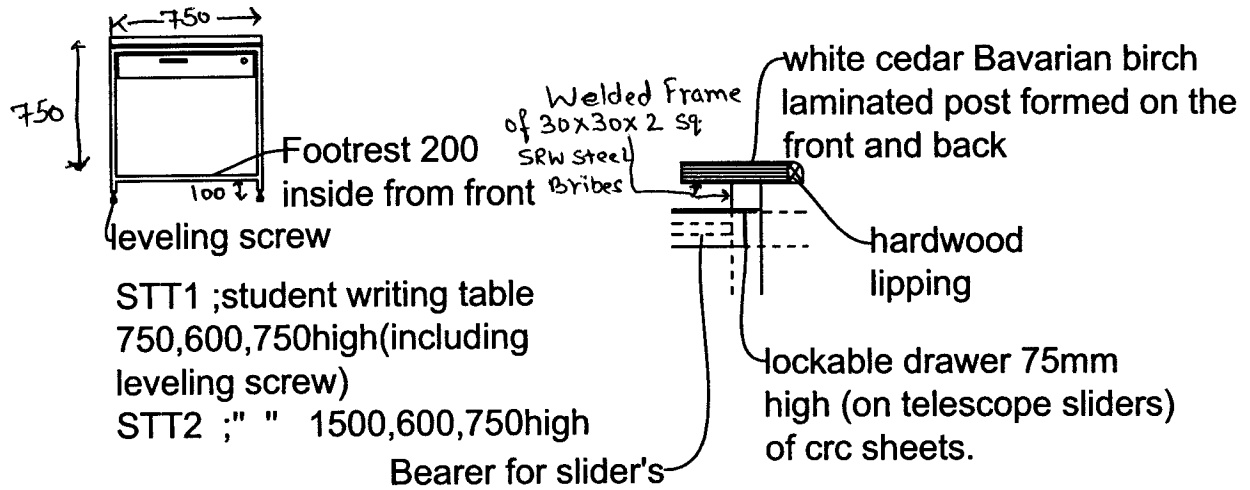
Top horizontal member 30*30*2 mm PART ELEVATION

3 mm thick m.s. angle cleat 75*90*30 high screwed to the horizontal frame by machine screws in tapped hole & (2 per horizontal member each @ top and bottom) locked to the cleat from the adjoining table

Typical detail for connecting work benches (after installation)

PART PLAN





List of additional types tables with some changes based on WWB (wall work beanch)on sheats 1 and 2;
(white vitreous tiles top)

WWB1W; wall work beanch 8',2'wide,3'high with

WWB2W; " " 6',2'wide,3'high

WWB3W; " " 4',2'wide,3'high

SPT2 ; special table 6' ,4'wide,2'6"high with white top

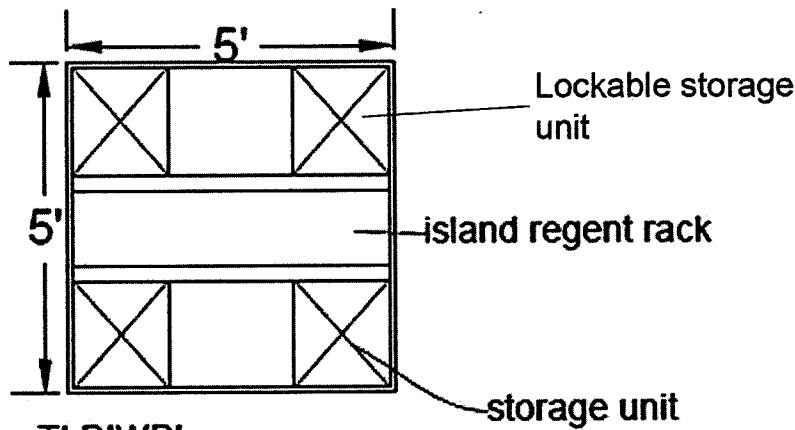
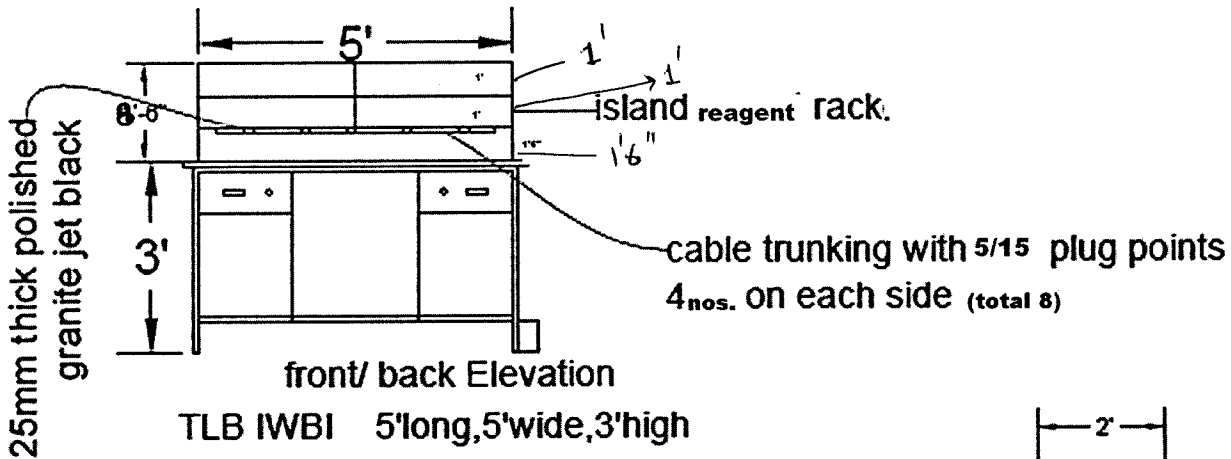
SPT3 ; " " 4',4'wide 2'6" high.

STT1 ; students' writing table 2'6"long, 2'0"wide and 2'6"high with laminate top(see detail alone) and 1drawer 3" high & 2'6"(n)

SST2 ; " " 5'long,2'wide,2'6"high with 2 drawers 2'6" wide(n)x3" high

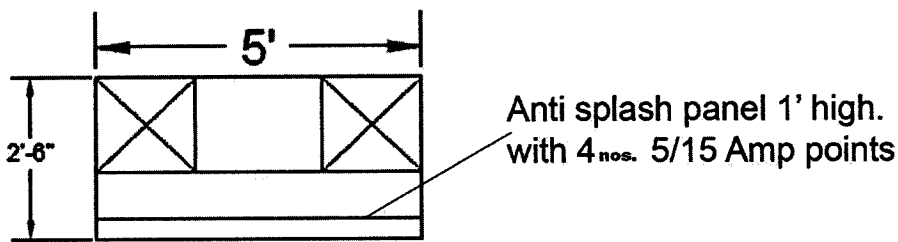
BSU ;Big sink unit

ISU ;Island utility shaft



TLBIWBI
Teaching lab island
work bench

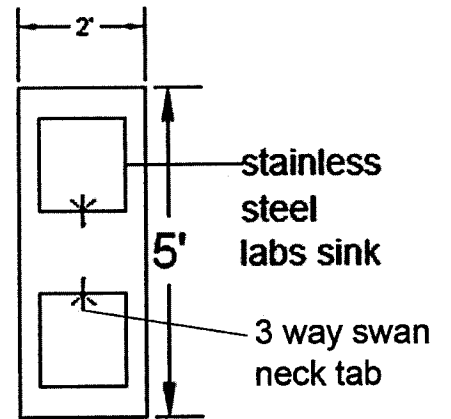
24 nos
Reqd



TLBIWB2
Teaching lab
island work bench endrow

12 nos
regd

All construction detail similar to
research lab tables

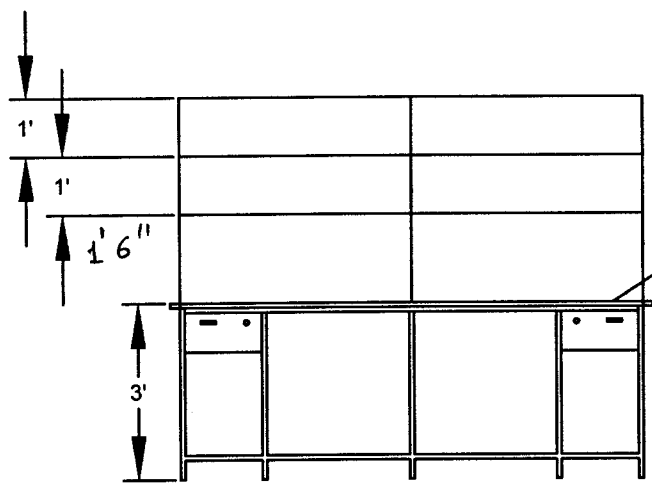


TLB ISUI
Teaching lab biology
island sink unit

18 nos
Reqd

cable trunking
204'

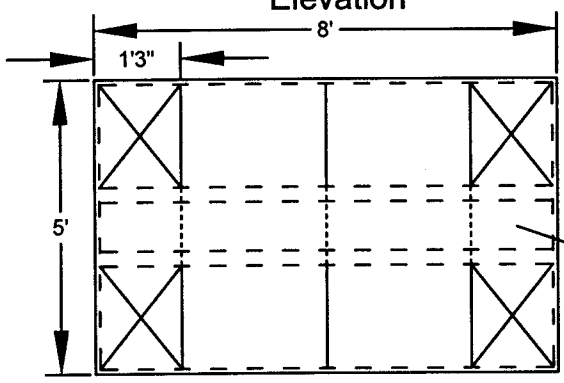
TEACHING LAB
BIOLOGY



polished jet
black granite
25mm thick

CABLE TRUNKING
204'

front/Back
Elevation



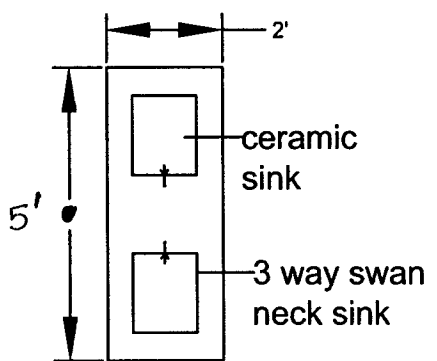
core teaching
lab chemistry
will have 12
fumehoods
4'wide,3'deep,8'high

TLFH

Island
reagent
rack
1' wide
18 nos.
reqd.

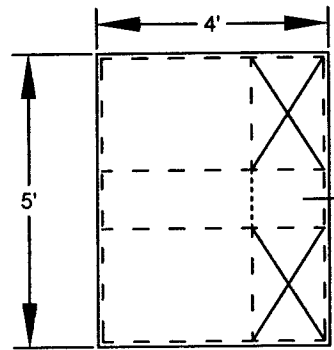
plan

Teaching Lab Chemistry
Island Work Bench



TLC ISU

12 nos
regd



island reagent
rack with cable
trunking below

18 nos
reqd

TLC IWB2

construction details similar
to research lab tables

TEACHING
LAB
CHEMISTRY

teaching chemistry curve lab