

HLL Biotech Limited
(A Government of India Enterprise)
(A Subsidiary of HLL Lifecare Limited)
Corporate identity number of HBL: U24290KL2012GOI030732 dtd 12.3.12

BID REF No: HBL/IVC/LTE/MYCO LAB/001/15-16 dated 08.03.2016

LIMITED TENDER ENQUIRY FOR FURNISHING OF MYCO LAB & ANIMAL HOUSE AT INTEGRATED VACCINE COMPLEX, CHENGALPATTU

INTRODUCTION OF THE COMPANY

HLL Biotech Limited (HBL) was incorporated as a subsidiary of HLL Lifecare Ltd, a Government of India Enterprise under the Ministry of Health and Family Welfare, Government of India. HBL is conceived to take the lead role in providing products, services and assistance in achieving our country's goals in immunization and eradication of deadly diseases.

HBL is setting up an Integrated Vaccine Complex (IVC) at Chengalpet, an emerging industrial hub in the southern tip of Tamilnadu state. Project outlay for IVC is Rs 6.00 Billion and 75% of the products & services will be designed to meet the targets of the Universal Immunization Policy (UIP) of the country.

This project has been declared as a "Project of National Importance" by the Government of India.

SCOPE OF WORK

The scope of work is **Furnishing of the Myco Lab & Animal House at IVC Chengalpattu as per the Bill of Quantities given in the Tender Document.**

The Furnishing has to be done by the supplier at **Integrated Vaccines Complex, SF No 192 & 195, Thirumani Village, Chengalpattu– 603001 Tamilnadu, India**

DETAILS REGARDING IMPORTANT DATES ARE AS FOLLOWS:

SL	DESCRIPTION	SCHEDULE
I.	PRE BID MEETING DATE & TIME	15- MARCH-2016 AT 11:00 HRS
II.	PRE BID MEETING VENUE	HLL BIOTECH LIMITED, TICELBIOPARK CAMPUS (MODULE NO. 013 - 015), CSIR ROAD, TARAMANI, CHENNAI- 600 113
III.	CLOSING DATE & TIME FOR RECEIPT OF TENDER	28-MARCH-2016, 16:00 HRS
IV.	TIME AND DATE OF OPENING OF TECHNICAL BIDS	28-MARCH-2016, 16:30 HRS
V.	VENUE OF OPENING OF TECHNO COMMERCIAL TENDER	HLL BIOTECH LIMITED, TICELBIOPARK CAMPUS (MODULE NO. 013 - 015), CSIR ROAD, TARAMANI, CHENNAI- 600 113

1. Instruction to Bidders

- 1.1 The bids are invited on **two stage bidding process basis**. The bid will constitute of **Technical bid and Financial bid**. Technical bid and financial bid to be submitted in separate sealed envelopes **superscribing with the tender number and the name of the item quoted**. Technical bid cover along with EMD cover & financial bid cover should be kept in a separate single cover superscribing with tender reference number and item quoted. Only the financial bid of technically qualified parties will be opened for financial evaluation.
- 1.2 The bid is invited for the **Furnishing of the Myco Lab & Animal House at IVC Chengalpattu as per the Bill of Quantities given in the Tender Document**. All bidders who qualify the eligibility conditions as detailed in the bid document are eligible to participate except in the case of firms who are blacklisted / barred by competent agencies or HBL in participation and award of such contracts.
- 1.3 Bidders can send their queries and clarifications to address given in clause 1.4, up to three days prior to the due date of bid submission.

1.4 Bids shall be addressed in the name of :

**The Chief Executive Officer,
HLL Biotech Limited,
TICEL Bio-park Campus (Module no. 013-015),
CSIR Road, Taramani, Chennai- 600 113
Contact No: 044 22544949/68.
Email: ceo@hllbiotech.com / sureshs@hllbiotech.com**

Due date of submission of the bid will be on **28.03.2016 upto 16:00 Hrs.** The technical bid will be opened on the same day at **16:30 hrs.** The financial bid of only those bidders who are qualifying the minimum eligibility criteria & technical specification will be opened. The date & time of financial bid opening shall be intimated separately to the technically qualified parties.

1.5 Bids shall be valid for 120 days from the date of technical bid opening.

1.6 The bids should contain complete technical specification of the equipment along with detailed illustrations and diagrams to facilitate evaluation.

2. Mode of submission of Bids

a. Tender Cost/Tender fee: The tenderer should submit the tender fee of **INR 1000/-** or equivalent amount as on tender publishing date in the form of Demand Draft or Banker's cheque in favour of **HLL Biotech limited, payable at Chennai.** The DD/ Banker's cheque has to be enclosed along with the technical bid which is non-refundable. In case of cancellation of tender by HBL, the tender cost/fee shall be refunded.

Documents to prove the eligibility criteria should be submitted in a separate sealed envelope marked "Technical Bid". Technical bid should consist of the following:

b. EMD (Earnest Money Deposit) in the form of crossed demand draft/ banker's cheque in favor of "**HLL Biotech Limited**" payable at Chennai or in the form of Bank Guarantee from any nationalized / Schedule Commercial bank

has to be submitted for **following item and value** which shall be valid for 90 days from the date of tender opening in case of DD or 45 days beyond the bid validity in case of BG.

EMD amount : Rs. 34,000/- (Rupees Thirty Four Thousand only)

- c. Bid document **bearing signature and seal of the bidder in all pages**
- d. **Annexure: I** (URS, BOQ, Proposed Drawings)
- e. **Annexure : II** (Bid Data sheet)
- f. **Annexure: III** (Past experience, including Performance Certificate from clients).

All other supporting documents (mentioned in clause 3) and certificates substantiating the bidder's eligibility shall be attached.

The financial bid should be put in a separate envelope, sealed and marked "**Financial Bid**". The financial bid should contain the following

- a. **Annexure: IV** (Bid form)
- g. **Annexure : V** (Manufacturer Authorization Form)
- h. The bids shall be enclosed in a sealed envelope super scribing "**Tender for Furnishing of Myco Lab & Animal House, Tender Ref No. HBL/IVC/LTE/MYCO LAB/001/15-16 dated 08.03.2016**" and shall be addressed to:

**The Chief Operating Officer,
HLL Biotech Limited,
TICEL Biopark Campus (Module no. 013-015),
CSIR Road, Taramani, Chennai- 600 113
Contact No: 044 22544949/68/72, Fax: 044 22540101.**

- h. Any bid received after the stipulated time period shall be considered as late tender and will be rejected.

3. Minimum Eligibility Criteria

1. Bidders shall be a manufacturer or an authorized dealer/agent of the original equipment manufacturer. Manufacturer's Authorization Certificate to be attached if the bidder is a dealer/agent.

2. The bidder should have successfully supplied and installed during the last five years, Copy of purchase orders (PO) to be attached as detailed below.

a) One PO costing not less than Rs.14 Lakhs (Rupees Fourteen Lakhs Only)

(or)

b) Two POs each costing not less than Rs.9 Lakhs (Rupees Nine Lakhs Only)

(or)

c) Three POs each costing not less than Rs.7 Lakhs (Rupees Seven Lakhs Only).

balance sheet, profit and loss account for last three financial years (FY 2012-13, FY 2013-14, FY 2014-15) certified by a Chartered Accountant shall be submitted.

4. Average Annual Turnover of the Company must be minimum of Rs.9 Lakhs for the last three financial years (FY 2012-13, FY 2013-14, FY 2014-15) certified by a Chartered Accountant shall be submitted.

Country of Origin

- 4.1 All goods and services to be supplied and provided for the contract shall have the origin in India or in the countries with which the Government of India has trade relations.
- 4.2 The word “origin” incorporated in this clause means the place from where the goods are manufactured, produced or processed or from where the services are arranged.
- 4.3 The country of origin may be specified in the Price Schedule

5. Bid Evaluation

Bid determined to be substantially responsive will be checked by HBL for any arithmetic errors and the same will be corrected as follows:

- a. Where there is a discrepancy between the rates in figures and in words, the rates in words will prevail.
- b. Where there is a discrepancy between the unit price and the total price resulting from the multiplying the unit price by the quantity, the unit price as quoted shall prevail.
- c. The tenderer supplying indigenous goods or already imported goods shall quote only in Indian Rupees.

6. Tender Price & Documents

For domestic goods or goods of foreign origin located within India, the prices in the corresponding price schedule shall be entered separately in the following manner:

- a) The price of the goods should be quoted on **FOR IVC CHENGALPATTU basis** with the detailed breakup of ex-factory/ ex-showroom/ ex-warehouse/ off-the-shelf, as applicable, including all taxes and duties like sales tax, CST/VAT, CENVAT, Custom Duty, Excise Duty etc. already paid or payable on the components and raw material used in the manufacture or assembly of the goods quoted ex-factory

- etc. or on the previously imported goods of foreign origin quoted ex-showroom etc;
- b) Any sales or other taxes and any duties including excise duty, which will be payable on the goods in India, if the contract is awarded.
 - c) Charges towards Packing & Forwarding, Inland Transportation, Insurance (local transportation and storage) would be borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery, Loading/Unloading and other local costs incidental to delivery of the goods to their final destination as specified in the List of Requirements and Price Schedule.

For goods offered from abroad, the prices in the corresponding price schedule shall be entered separately in the following manner:

- a) The price of goods quoted should be on **FOR IVC CHENGALPATTU** basis at consignee site in India as indicated in the List of Requirements, Price Schedule.
- b) The charges for Insurance (local transportation and storage) would be extended and borne by the Supplier from warehouse to the consignee site for a period including 3 months beyond date of delivery.

FOR IVC CHENGALPATTU price will be considered for comparison and evaluation.

Distribution of Dispatch Documents for Clearance/Receipt of Goods

The supplier shall send all the relevant despatch documents well in time to the Purchaser/Consignee, to enable the Purchaser/Consignee clear or receive (as the case may be) the goods in terms of the contract.

The usual documents involved and the drill to be followed in general for this purpose are as follows.

Within 24 hours of despatch, the supplier shall notify the purchaser/consignee, and others concerned if mentioned in the contract, the complete details of despatch and also supply the following documents to be submitted as per the instruction of purchaser:

- I. Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount.
- II. Two copies of packing list identifying contents of each package.
- III. Inspection certificate issued by the nominated Inspection agency, if any.
- IV. Certificate of origin.
- V. Insurance Certificate
- VI. Manufacturers/Supplier's warranty certificate & In-house inspection certificate.

7. Exemptions/Forms

HBL will not be giving any duty exemption. **HBL will issue the "C" form.**

8. Rejection of bids

Notwithstanding the above conditions, HBL reserves the right to accept or reject any offer, and to annul the tender process and reject all offers, at any time prior to award of Contract without thereby incurring any liability to the affected Bidder or Bidders or any obligations to inform the affected Bidder or Bidders of the grounds for HBL's action.

9. Notification of Award

- 9.1 Prior to the expiry of the period of offer validity prescribed by HBL, HBL will notify the successful Bidder by Tele-fax or e-mail, to be confirmed in writing by registered post/ by courier, that his offer has been accepted. The purchase order will be issued to the successful bidder. No correspondence will be entertained by HBL from the unsuccessful Bidders.
- 9.2 Upon selection of the successful bidder (technically qualified L1 party) HBL will promptly notify the same to successful Bidder through a Purchase Order.
- 9.3 EMD's of unsuccessful bidders will be returned only after finalizing the L1 Party and EMD's of technically non-responsive bidders will be returned after financial bid opening.

TERMS AND CONDITIONS

1. DEFINITION:

1.1 For the purpose of this contract, the following words and expressions shall have the meaning hereby assigned to them except where the context otherwise requires:-

- i. "HBL" means HLL Biotech Limited, which expression shall unless excluded by or repugnant to the context include HBL's representative.
- ii. "Contractor/ Bidder" Means successful lowest bidder.
- iii. "Earnest Money Deposit" (EMD) means Bid Security/ monetary or financial guarantee to be furnished by a tenderer along with its tender.
- iv. "Performance Security" means monetary or financial guarantee to be furnished by the successful tenderer for due performance of the contract placed on it. Performance Security is also known as Security Deposit.
- v. "Consignee" means the organization/person to whom the goods are required to be delivered as specified in the Contract. If the goods are required to be delivered to a person as an interim consignee for the purpose of dispatch to another person as provided in the Contract then that "another" person is the consignee, also known as ultimate consignee.

2. PAYMENT SCHEDULE:

Payment shall be made as specified in the contract in the following manner:

SI	Stage	%
1	On Supply of material at site	80% of the order value
2	After successful installation & Final Acceptance by HBL's Representative	20% of the order value

The quoted price should be also inclusive of Customs Charges, Taxes, Freight, Packaging Charges, Insurance & FOR delivery at consignee site and is firm and fixed till

completion of the work.

3. TAXES AND OTHER LEVIES

The quoted price shall be inclusive of all applicable taxes and duties.

4. PERFORMANCE SECURITY

4.1 The successful bidder has to furnish performance guarantee from nationalized / scheduled bank in the form of a bank guarantee in the name of HLL Biotech Limited on receipt of the purchase order. The performance bank guarantee valid up to a **period of 1 year** (completion of warranty) beyond the completion of work with **additional claim period of 2 months** for **5%** of total contract value has to be submitted within 10 days from the date of Purchase Order. The EMD Paid shall be returned after receipt of Performance Bank Guarantee.

4.2 Failure of the successful Bidder to furnish the required Performance Security shall constitute sufficient grounds for the annulment of the award of Contract and shall forfeit the EMD.

4.3 Forfeiture of Performance Security

In case, the Contractor/ Bidder fails to complete the work, HBL, without prejudice to rights and remedies available under the contract, shall forfeit and en-cash the Performance Guarantee.

4.4 In case, the bank goes in liquidation or for any reason is unable to make payment against the said Bank Guarantee, the loss caused thereby shall be borne by the Contractor/ Bidder. The Contractor/ Bidder forthwith, on demand from HBL, shall make good the deficit.

5. ADDITIONS/DELETIONS

5.1 HBL shall have the right to direct in writing for changes, additions, modifications or deletions in the design and drawings or any part of the work and to request in writing additional work in connection therewith and the Contractor/ Bidder shall comply with such directions.

5.2 The Contractor/ Bidder shall not make any deviations, alterations, additions, to or

omissions from the work shown/described and awarded to the Contractor/ Bidder except through and with proper approval of HBL.

6. TIME SCHEDULE

- 6.1. The day of commencement of project will be reckoned from the date of issue of Purchase order.
- 6.2 The material shall be delivered at site within **2 months from the date of issue of purchase order and installation to be completed within 1 month from the date of delivery.**
- 6.3 The Final Acceptance Certificate shall be issued on completion of the entire scope of work by the vendor.
- 6.3 The supply and installation shall be carried out with all due diligence and as per the time schedule specified above. In case of any delay/default, of the Contractor/ Bidder to adhere to the agreed time schedule, HBL shall recover the liquidated damages from the Contractor/ Bidder at the rate of 0.5% (Zero point Five percent) of the total amount of fee per week of delay of any activity subject to a maximum of 5% (Five percent) of the total order value. However if there is a purposeful delay by the Contractor/ Bidder, HBL reserves all rights to terminate the contract and get the full work executed at his risk and cost.

7. EXTENSION OF TIME

- 7.1 To adhere to the above mentioned time schedule the Contractor/ Bidder shall provide on demand necessary documents, information and certificates/undertakings to HBL. Any delay in supplying the requisite documents and delay due to any other cause beyond the control of the Contractor/ Bidder shall be considered for grant of extension of time. If the Contractor/ Bidder require extension of time, they shall intimate in writing to HBL within 3 days of the occurrence of such hindrance/delay, along with proper documents.
- 7.2 HBL after satisfying itself about the reasonableness of grounds may grant extension of time, if it is justified and communicated the same in writing. Whenever such extension of time is granted, it would be without prejudice to the

rights of HBL for any penal action to the extent of the delay attributable to the Contractor/ Bidder. Any extension of time granted as stated above shall neither entitle the Contractor/ Bidder to any claim for increase in their fees nor shall it release him from any of the obligations under the said agreement.

8. ABANDONMENT OF WORK

8.1 If the Contractor/ Bidder/ supplier abandons the work for any reason whatsoever or becomes incapacitated as aforesaid, HBL shall forfeit/en-cash the Performance Guarantee. HBL shall be at liberty to make full use of all or any of material supplied by the Contractor/ Bidder/ supplier. The Contractor/ Bidder/ supplier shall also be liable to refund all the charges paid to him up to date plus such damages as may be assessed by HBL including the recovery of liquidated damages.

8.2 Provided, however, that in the event of the termination of the agreement under proper notice as provided in the clause hereinafter, the Contractor/ Bidder shall be liable to refund any excess payment made to him over and above which is due to him in accordance with the terms of this agreement, for the work executed by him till the date of termination of agreement.

9. WARRANTY

9.1 The bidder shall give warranty of all the equipment for a period of **minimum one year** from the date of final acceptance certificate from HBL. HBL shall grant right of access to the Contractor/ Bidder, of this portion of the work claimed to be defective for inspection and rectification.

9.2 HBL may recover the loss from the dues of the Contractor/ Bidder in case of failure to comply with the above clause.

10. DETERMINATION AND RESCISSION OF TERMS & CONDITIONS

10.1. When the Contractor/ Bidder have made himself liable for action under any of the clauses aforesaid, HBL shall have powers:

- a) To rescind the agreement.
- b) To engage another Contractor/ Bidder to carry out the balance work debiting the Contractor/ Bidder the extra amount, if any, so spent for getting the balance work done. This amount would be in addition to the recovery of liquidated damages.

11. GENERAL

11.1 The Contractor/ Bidder shall be fully responsible for the technical soundness of the material and also ensure that the material is supplied as per the specifications.

11.2 The Contractor/ Bidder hereby agrees that the charges to be paid as provided herein (clause 3) will be in full discharge of functions to be performed by him and no claim whatsoever shall be made against HBL in respect of any proprietary rights or copy right on the part of any other party relating to plans, models and drawings.

11.3 The Contractor/ Bidder shall indemnify and keep indemnified HLL Biotech Ltd against any such claims and all costs and expenses paid by HBL in defending such claims to be borne by the Contractor/ Bidder.

11.4 The Contractor/ Bidder hereby agrees that HBL shall have the right to take out any of the activities, which in the opinion of HBL is not being performed by the Contractor/ Bidder with due diligence, and within the agreed time schedule, and which can be performed independently. The fees or the expenses incurred shall be debited to the Contractor/ Bidder.

12. ARBITRATION

12.1 All disputes or differences whatsoever arising between the parties out of or relating to the Contractor/ Bidder services, meaning and operations or effect of this contract or the breach thereof shall be settled by arbitration. Matters to be

arbitrated upon shall be referred to a sole Arbitrator, to be appointed by HBL and the award made in pursuance thereof shall be binding on the parties. Such arbitration shall be governed by the Indian Arbitration and Conciliation Act 1996.

12.2 The place of arbitration shall be at **Chennai**.

13. FALL CLAUSE

The prices charged for this particular service/supply under the Contract by the supplier/service provider shall in no event exceed the lowest price at which the supplier/service provider sells the service/supply of identical description to any person(s)/organization (s) including the Purchaser or any Department of the Central Government or any Department of a State Government or any statutory undertaking of the Central or a State Government, as the case may be, during the period till performance of all Supply Orders placed during the currency of Rate Contract is completed.

14. STATUTORY VARIATIONS

In case of statutory variation in regard to taxes/levies, within the stipulated date of completion of individual agreement, the same shall be paid or recovered as per the actual against documentary proof. However beyond this period HBL will take advantage of any reduction in taxes/levies but will not pay extra on account of increase in taxes/levies.

ANNEXURE- I

SCHEDULE OF REQUIREMENT

BID REF No: HBL/IVC/LTE/MYCO LAB/001/15-16 dated 04.03.2016

Myco Lab									
Lab Furnishing -Technical Specification and BOQ									
Sr. No	Room Name & ID	Item	Description	Dimensions in MM	Qty	Supply (INR)		Installation (INR)	
1	Instrumentation Room	L+L-shape Wall Table-	<p>SEFA- 8 standards heavy duty plinth mounted storage cabinet and drawer made of following :-</p> <p>a) Heavy gauge, special grade galvenised iron sheet of 18 gauge (1.2mm) thickness in weldless construction and shall be finished with pure epoxy powder coating for better corrosive resistance .</p> <p style="text-align: center;">OR</p> <p>b) CRCA MS frame of 1.2 mm thick and shall be finished with pure epoxy powder coating with minimum thickness 40-60 microns.</p> <p>The cabinet shutter should be in double skin construction type with sound dampening effect using profeel with heavy duty, knuckle and barrel type SS-304 hinges. The shutter of the module should be openable upto 90° and close by itself. The worktop should be made of 20±2mm thick Jet black granite with chamfer moulding at exposed edgesThe storage cabinet should be available in following configuration:-</p> <p>a) One drawer and two shutter/one shutter with horizontal height adjustable shelf with lock and dual key arrangement. (Cabinet Min length 750mm- and max 765mm)</p> <p>b) The handles of the cabinets should be concealed type</p> <p>c) The knee space required at 04 place along with keyboard drawer, CPU trolley and cable manager. (Cabinet Min length 750- and max</p>	Length-() Depth (750-780mm) Height (750-780mm)	1				

			765mm)						
		Sink	PP -Sink with three way water tap, Peg Board and Eye wash arrangement. The sinks should be injection molded from Poly propylene co-polymer resin. Polypropylene to have very high resistance to attack from a wide range of chemicals and the ability to withstand temperatures up to 100 deg C.	Standard Size	1				
		Reagent Rack	Worktop Mounted reagent rack in double tier design. Vertical member and main bracket of the reagent rack shall be in 1.2mm GI construction, duly anodised and pure epoxy powder coated for excellent corrosion resistance OR Worktop Mounted reagent rack in double tier in design and made of 1.2 mm thick MS CRCA in construction with pure epoxy powder coating, thickness 40-60microns. The reagent rack should be considered as :- 1) Double sided on center table AND single sided along the wall tables for complete length of work stations. 2) Toughened glass OR 20±2mm thick Jet black granite should be put over the shelves for taking care of bottle marks/corrosion. The shelf height shall be adjustable type as per requirement in case of toughened glass .		1				
		Data Point	RJ-45 type data point fixed in electrical trunking		3				
		Electrical	Electrical Trunking / Raceway provision on worktop for concealed wiring with provision of locating 6/16 amp switch- socket. The construction should be of 1.0mm thick in GI pure epoxy powder coated OR should be made from 1.0 mm thick CRCA MS sheet with pure epoxy powder coating, thickness 40-60microns		9				
2	Wash Room	Emergency Shower & Eye Wash Station	Floor mounted overhead emergency shower with eyewash unit, main frame in ss fabrication, with SS braided flexible hose pipe. The unit should be operated simultaneously or independently either by push lever or foot operation.		1				
			Total (supply & Installation)					0	0
			Excise Duty						

			VAT/CST						
			Service Tax for Installation						
			Total (supply & Installation) (Incl. of Taxes)						

NOTE:- 1. Vendor has to take client approval on drawing before manufacturing of cabinets (if selected for L1 Quote).
2. Quantity shall be paid as per actual installation at site
3. For color selction of cabinet, vendor has to take client approval.

BID REF No: HBL/IVC/LTE/MYCO LAB/001/15-16 dated 04.03.2016

Animal House									
Lab Furnishing -Technical Specification and BOQ									
Sr. No	Room Name & ID	Item	Description	Dimensions in MM	Qty.	Supply (INR)		Installation (INR)	
1	Animal Observation/ Receipt (G1G011)	L- shape Wall Table-	<p>SEFA- 8 standards heavy duty plinth mounted storage cabinet and drawer made of following :-</p> <p>a) Heavy gauge, special grade galvenised iron sheet of 18 gauge (1.2mm) thickness in weldless construction and shall be furnished with pure epoxy powder coating for better corrosive resistance .</p> <p style="text-align: center;">OR</p> <p>b) CRCA MS frame of 1.2 mm thick and shall be furnished with pure epoxy powder coating with minimum thickness 40-60 microns.</p> <p>The cabinet shutter and drawer should be in double skin construction type with sound dampening effect using profeel with heavy duty, knuckle and barrel type SS-304 hinges. The shutter of the module should be openable upto 90° and close by itself. The worktop should be made of 20±2mm thick Jet black granite with chamfer moulding at exposed edgesThe storage cabinet should be available in following configuration:-</p> <p>1) One drawer and two shutter/one shutter with horizontal height adjustable shelf with lock and dual key arrangement. (Cabinet Min length 750mm- and max 765mm)</p> <p>2) The handles of the cabinets should be concealed type</p> <p>3) The knee space required at 01 place along with keyboard drawer, CPU trolley and cable manager. (Cabinet Min length 750- and max 765mm)</p>	<p>Length- (1880+4350) Depth (750-780mm) Height (750-780mm)</p>	1				
		Sink	SS 304 -Sink with three way water tap, Pig Board and Eye wash arrangement	Standard Size	1				

Animal House								
Lab Furnishing -Technical Specification and BOQ								
Sr. No	Room Name & ID	Item	Description	Dimensions in MM	Qty.	Supply (INR)		Installation (INR)
		Electrical	Electrical Trunking / Raceway provision on worktop for concealed wiring with provision of locating 6/16 amp switch- socket. The construction should be of 1.0mm thick in GI pure epoxy powder coated OR should be made from 1.0 mm thick CRCA MS sheet with pure epoxy powder coating, thickness 40-60microns		2			
2	Documentation & Staff Room (G1G045)	L+L Shape wall Tables	<p>SEFA- 8 standards heavy duty plinth mounted storage cabinet and drawer made of following :-</p> <p>a) Heavy gauge, special grade galvenised iron sheet of 18 gauge (1.2mm) thickness in weldless construction and shall be furnished with pure epoxy powder coating for better corrosive resistance .</p> <p style="text-align: center;">OR</p> <p>b) CRCA MS frame of 1.2 mm thick and shall be furnished with pure epoxy powder coating with minimum thickness 40-60 microns.</p> <p>The cabinet shutter and drawer should be in double skin construction type with sound dampening effect using profeel with heavy duty, knuckle and barrel type SS-304 hinges. The shutter of the module should be openable upto 90° and close by itself. The worktop should be made of 20±2mm thick Jet black granite with chamfer moulding at exposed edgesThe storage cabinet should be available in following configuration:-</p> <p>1) One drawer and two shutter/one shutter with horizontal height adjustable shelf with lock and dual key arrangement. (Cabinet Min length 750mm- and max 765mm)</p> <p>2) The handles of the cabinets should be concealed type</p> <p>3) The knee space required at 07 place along with keyboard drawer, CPU trolley and cable manager. (Cabinet Min length 750-</p>	<p>Length- (3750+2950 +4350+1400)</p> <p>Depth - 750-780mm</p> <p>Height-750-780mm</p>	1			

Animal House									
Lab Furnishing -Technical Specification and BOQ									
Sr. No	Room Name & ID	Item	Description	Dimensions in MM	Qty.	Supply (INR)		Installation (INR)	
			and max 765mm)						
		L+L Shape wall Storage hanging Cabinets	SEFA- 8 standards heavy duty plinth mounted storage cabinet and should be made of following :- a) Heavy gauge, special grade galvenised iron sheet of 18 gauge (1.2mm) thickness in weldless construction and shall be furnished with pure epoxy powder coating for better corrosive resistance . ORb) CRCA MS frame of 1.2 mm thick and shall be furnished with pure epoxy powder coating with minimum thickness 40-60 microns. The cabinet shutter should be in double skin construction type with sound dampening effect using profeel with heavy duty, knuckle and barrel type SS-304 hinges. The shutter of the module should be openable upto 90° and close by itself. The storage cabinet should be available in following configuration:-1) Two shutter/one shutter with lock and dual key arrangment. (Cabinet Prefereed size 750x400x600mmLxDxH)	Length- (3750+2950+4350+1400)Depth - 400-Height- 600-	1				
		Electrical	Electrical Trunking / Raceway provision on worktop for concealed wiring with provision of locating 6/16 amp switch- socket. The construction should be of 1.0mm thick in GI pure epoxy powder coated OR should be made from 1.0 mm thick CRCA MS sheet with pure epoxy powder coating, thickness 40-60microns	-	10				

Animal House									
Lab Furnishing -Technical Specification and BOQ									
Sr. No	Room Name & ID	Item	Description	Dimensions in MM	Qty.	Supply (INR)		Installation (INR)	
3	Inoculation Area Challenge (G1G080)	Wall Table (Single Side)	<p>SEFA- 8 standards heavy duty plinth mounted storage cabinet and drawer made of following :-</p> <p>a) Heavy gauge, special grade galvenised iron sheet of 18 gauge (1.2mm) thickness in weldless construction and shall be furnished with pure epoxy powder coating for better corrosive resistance .</p> <p style="text-align: center;">OR</p> <p>b) CRCA MS frame of 1.2 mm thick and shall be furnished with pure epoxy powder coating with minimum thickness 40-60 microns.</p> <p>The cabinet shutter and drawer should be in double skin construction type with sound dampening effect using profeel with heavy duty, knuckle and barrel type SS-304 hinges. The shutter of the module should be openable upto 90° and close by itself. The worktop should be made of 20±2mm thick Jet black granite with chamfer moulding at exposed edgesThe storage cabinet should be available in following configuration:-</p> <p>1) One drawer and two shutter/one shutter with horizontal height adjustable shelf with lock and dual key arrangment. (Cabinet Min length 750mm- and max 765mm)</p> <p>2) The handles of the cabinets should be concealed type</p>	Length-2900 Depth - 750-780mm Height-750-780mm	1				
		Sink	SS 304 -Sink with three way water tap, Pig Board and Eye wash arrangement	Standard Size	1				

Animal House									
Lab Furnishing -Technical Specification and BOQ									
Sr. No	Room Name & ID	Item	Description	Dimensions in MM	Qty.	Supply (INR)		Installation (INR)	
4	Lab Area Challenge (G1G078)	Wall Table (Single Side)	<p>SEFA- 8 standards heavy duty plinth mounted storage cabinet and drawer made of following :-</p> <p>a) Heavy gauge, special grade galvenised iron sheet of 18 gauge (1.2mm) thickness in weldless construction and shall be furnished with pure epoxy powder coating for better corrosive resistance .</p> <p style="text-align: center;">OR</p> <p>b) CRCA MS frame of 1.2 mm thick and shall be furnished with pure epoxy powder coating with minimum thickness 40-60 microns.</p> <p>The cabinet shutter and drawer should be in double skin construction type with sound dampening effect using profeel with heavy duty, knuckle and barrel type SS-304 hinges. The shutter of the module should be openable upto 90° and close by itself. The worktop should be made of 20±2mm thick Jet black granite with chamfer moulding at exposed edgesThe storage cabinet should be available in following configuration:-</p> <p>1) One drawer and two shutter/one shutter with horizontal height adjustable shelf with lock and dual key arrangement. (Cabinet Min length 750mm- and max 765mm)</p> <p>2) The handles of the cabinets should be concealed type</p>	Length-3300 Depth - 750-780mm Height-750-780mm	1				
		Stand Alone Sink	SS 304 -Sink with three way water tap, Pig Board and Eye wash arrangement	Standard Size	1				
		Electric al	Electrical Trunking / Raceway provision on worktop for concealed wiring with provision of locating 6/16 amp switch- socket. The construction should be of 1.0mm thick in GI pure epoxy powder coated OR should be made from 1.0 mm thick CRCA MS sheet with pure epoxy powder coating, thickness 40-60microns		2				

Animal House									
Lab Furnishing -Technical Specification and BOQ									
Sr. No	Room Name & ID	Item	Description	Dimensions in MM	Qty.	Supply (INR)		Installation (INR)	
5	Lab Area Testing (G1G055)	L - Shape Wall Table	<p>SEFA- 8 standards heavy duty plinth mounted storage cabinet and drawer made of following :-</p> <p>a) Heavy gauge, special grade galvenised iron sheet of 18 gauge (1.2mm) thickness in weldless construction and shall be furnished with pure epoxy powder coating for better corrosive resistance .</p> <p style="text-align: center;">OR</p> <p>b) CRCA MS frame of 1.2 mm thick and shall be furnished with pure epoxy powder coating with minimum thickness 40-60 microns.</p> <p>The cabinet shutter and drawer should be in double skin construction type with sound dampening effect using profeel with heavy duty, knuckle and barrel type SS-304 hinges. The shutter of the module should be openable upto 90° and close by itself. The worktop should be made of 20±2mm thick Jet black granite with chamfer moulding at exposed edgesThe storage cabinet should be available in following configuration:-</p> <p>1) One drawer and two shutter/one shutter with horizontal height adjustable shelf with lock and dual key arrangment. (Cabinet Min length 750mm- and max 765mm)</p> <p>2) The handles of the cabinets should be concealed type</p> <p>3) The knee space required at 03 places along with keyboard drawer, CPU trolley and cable manager. (Cabinet Min length 750- and max 765mm)</p>	Length- (4250+2630) Depth - 750-780mm Height-750-780mm	1				
		Sink	SS 304 -Sink with three way water tap, Pig Board and Eye wash arrangement	Standard Size	1				

Animal House								
Lab Furnishing -Technical Specification and BOQ								
Sr. No	Room Name & ID	Item	Description	Dimensions in MM	Qty.	Supply (INR)		Installation (INR)
		Electrical	Electrical Trunking / Raceway provision on worktop for concealed wiring with provision of locating 6/16 amp switch- socket. The construction should be of 1.0mm thick in GI pure epoxy powder coated OR should be made from 1.0 mm thick CRCA MS sheet with pure epoxy powder coating, thickness 40-60microns		3			
6	Histopathology & Micro Biology (G1G092)	L - Shape Wall Table	<p>SEFA- 8 standards heavy duty plinth mounted storage cabinet and drawer made of following :-</p> <p>a) Heavy gauge, special grade galvenised iron sheet of 18 gauge (1.2mm) thickness in weldless construction and shall be furnished with pure epoxy powder coating for better corrosive resistance .</p> <p style="text-align: center;">OR</p> <p>b) CRCA MS frame of 1.2 mm thick and shall be furnished with pure epoxy powder coating with minimum thickness 40-60 microns.</p> <p>The cabinet shutter and drawer should be in double skin construction type with sound dampening effect using profeel with heavy duty, knuckle and barrel type SS-304 hinges. The shutter of the module should be openable upto 90° and close by itself. The worktop should be made of 20±2mm thick Jet black granite with chamfer moulding at exposed edgesThe storage cabinet should be available in following configuration:-</p> <p>1) One drawer and two shutter/one shutter with horizontal height adjustable shelf with lock and dual key arrangement. (Cabinet Min length 750mm- and max 765mm)</p> <p>2) The handles of the cabinets should be concealed type</p> <p>3) The knee space required at 03 places along with keyboard drawer, CPU trolley and cable manager. (Cabinet Min length 750-</p>	<p>Length- (4250+3400) Depth - 750-780mm Height-750-780mm</p>	1			

Animal House								
Lab Furnishing -Technical Specification and BOQ								
Sr. No	Room Name & ID	Item	Description	Dimensions in MM	Qty.	Supply (INR)		Installation (INR)
			and max 765mm)					
		Sink	SS 304 -Sink with three way water tap, Pig Board and Eye wash arrangement	Standard Size	2			
		Electric al	Electrical Trunking / Raceway provision on worktop for concealed wiring with provision of locating 6/16 amp switch- socket. The construction should be of 1.0mm thick in GI pure epoxy powder coated OR should be made from 1.0 mm thick CRCA MS sheet with pure epoxy powder coating, thickness 40-60microns		4			
7	Inoculation Area Testing(G1G057)	L - Shape Wall Table	SEFA- 8 standards heavy duty plinth mounted storage cabinet and drawer made of following :- a) Heavy gauge, special grade galvenised iron sheet of 18 gauge (1.2mm) thickness in weldless construction and shall be furnished with pure epoxy powder coating for better corrosive resistance . ORb) CRCA MS frame of 1.2 mm thick and shall be furnished with pure epoxy powder coating with minimum thickness 40-60 microns. The cabinet shutter and drawer should be in double skin construction type with sound dampening effect using profeel with heavy duty, knuckle and barrel type SS-304 hinges. The shutter of the module should be openable upto 90° and close by itself. The worktop should be made of 20±2mm thick Jet black granite with chamfer moulding at exposed edgesThe storage cabinet should be available in following configuration:-1) One drawer and two shutter/one shutter with horizontal height adjustable shelf with lock and dual key arrangement. (Cabinet Min length 750mm- and max 765mm)2) The handles of the cabinets should be concealed type3) The knee space required at 02 places along with keyboard drawer, CPU trolley and cable manager. (Cabinet Min length 750- and max 765mm)	Length-(1980+3400) Depth - 750-780mm Height-750-780mm	1			

Animal House									
Lab Furnishing -Technical Specification and BOQ									
Sr. No	Room Name & ID	Item	Description	Dimensions in MM	Qty.	Supply (INR)		Installation (INR)	
		Stand Alone Sink	SS 304 -Sink with three way water tap, Pig Board and Eye wash arrangement	Standard Size	1				
		Electric al	Electrical Trunking / Raceway provision on worktop for concealed wiring with provision of locating 6/16 amp switch- socket. The construction should be of 1.0mm thick in GI pure epoxy powder coated OR should be made from 1.0 mm thick CRCA MS sheet with pure epoxy powder coating, thickness 40-60microns		4				

Animal House									
Lab Furnishing -Technical Specification and BOQ									
Sr. No	Room Name & ID	Item	Description	Dimensions in MM	Qty.	Supply (INR)		Installation (INR)	
8	Ante Room (G1G023)	Wall Table (Single Side)	<p>SEFA- 8 standards heavy duty plinth mounted storage cabinet and drawer made of following :-</p> <p>a) Heavy gauge, special grade galvenised iron sheet of 18 gauge (1.2mm) thickness in weldless construction and shall be furnished with pure epoxy powder coating for better corrosive resistance .</p> <p style="text-align: center;">OR</p> <p>b) CRCA MS frame of 1.2 mm thick and shall be furnished with pure epoxy powder coating with minimum thickness 40-60 microns.</p> <p>The cabinet shutter and drawer should be in double skin construction type with sound dampening effect using profeel with heavy duty, knuckle and barrel type SS-304 hinges. The shutter of the module should be openable upto 90° and close by itself. The worktop should be made of 20±2mm thick Jet black granite with chamfer moulding at exposed edgesThe storage cabinet should be available in following configuration:-</p> <p>1) One drawer and two shutter/one shutter with horizontal height adjustable shelf with lock and dual key arrangment. (Cabinet Min length 750mm- and max 765mm)</p> <p>2) The handles of the cabinets should be concealed type</p>	Length-1500 Depth - 750-780mm Height-750-780mm	1				
		Sink	SS 304 -Sink with three way water tap, Pig Board and Eye wash arrangement	Standard Size	1				

Animal House								
Lab Furnishing -Technical Specification and BOQ								
Sr. No	Room Name & ID	Item	Description	Dimensions in MM	Qty.	Supply (INR)		Installation (INR)
9	Sample Preparation - Testing (G1G056)	Wall Table(Single Side)	SEFA- 8 standards heavy duty plinth mounted storage cabinet and drawer made of following :- a) Heavy gauge, special grade galvanized iron sheet of 18 gauge (1.2mm) thickness in weldless construction and shall be furnished with pure epoxy powder coating for better corrosive resistance . ORb) CRCA MS frame of 1.2 mm thick and shall be furnished with pure epoxy powder coating with minimum thickness 40-60 microns. The cabinet shutter and drawer should be in double skin construction type with sound dampening effect using profeel with heavy duty, knuckle and barrel type SS-304 hinges. The shutter of the module should be openable upto 90° and close by itself. The worktop should be made of 20±2mm thick Jet black granite with chamfer moulding at exposed edgesThe storage cabinet should be available in following configuration:-1) One drawer and two shutter/one shutter with horizontal height adjustable shelf with lock and dual key arrangement. (Cabinet Min length 750mm- and max 765mm)2) The handles of the cabinets should be concealed type	Length-4700Depth -750-780mmHeight-750-780mm	1			
		Electrical	Electrical Trunking / Raceway provision on worktop for concealed wiring with provision of locating 6/16 amp switch- socket. The construction should be of 1.0mm thick in GI pure epoxy powder coated OR should be made from 1.0 mm thick CRCA MS sheet with pure epoxy powder coating, thickness 40-60microns		3			

Animal House									
Lab Furnishing -Technical Specification and BOQ									
Sr. No	Room Name & ID	Item	Description	Dimensions in MM	Qty.	Supply (INR)		Installation (INR)	
10	Sample Preparation - Challenge (G1G079)	Wall Table (Single Side)	<p>SEFA- 8 standards heavy duty plinth mounted storage cabinet and drawer made of following :-</p> <p>a) Heavy gauge, special grade galvenised iron sheet of 18 gauge (1.2mm) thickness in weldless construction and shall be furnished with pure epoxy powder coating for better corrosive resistance .</p> <p style="text-align: center;">OR</p> <p>b) CRCA MS frame of 1.2 mm thick and shall be furnished with pure epoxy powder coating with minimum thickness 40-60 microns.</p> <p>The cabinet shutter and drawer should be in double skin construction type with sound dampening effect using profeel with heavy duty, knuckle and barrel type SS-304 hinges. The shutter of the module should be openable upto 90° and close by itself. The worktop should be made of 20±2mm thick Jet black granite with chamfer moulding at exposed edgesThe storage cabinet should be available in following configuration:-</p> <p>1) One drawer and two shutter/one shutter with horizontal height adjustable shelf with lock and dual key arrangment. (Cabinet Min length 750mm- and max 765mm)</p> <p>2) The handles of the cabinets should be concealed type</p>	Length-2475 Depth - 750-780mm Height-750-780mm	1				
		Electrical	Electrical Trunking / Raceway provision on worktop for concealed wiring with provision of locating 6/16 amp switch- socket. The construction should be of 1.0mm thick in GI pure epoxy powder coated OR should be made from 1.0 mm thick CRCA MS sheet with pure epoxy powder coating, thickness 40-60microns		2				
			Total (Supply & Installation)						
			Excise Duty						

Animal House									
Lab Furnishing -Technical Specification and BOQ									
Sr. No	Room Name & ID	Item	Description	Dimensions in MM	Qty.	Supply (INR)		Installation (INR)	
			CST/VAT						
			Service Tax (For installation)						
			Total (Supply & Installation) (Incl. of Taxes)						
<p>NOTE:- 1. Vendor has to take client approval on drawing before manufacturing of cabinets (if selected for L1 Quote). 2. Quantity shall be paid as per actual installation at site 3. All wiring in the module (Electical trunking) will be under the scope of vendor</p>									

ANNEXURE- II
BID DATA SHEET

S.no	Description	Details
1	Bid reference number	HBL/IVC/LTE/MYCO LAB/001/15-16 dated 08.03.2016
2	Due date for submission	28.03.2016 UPTO 16:00 HRS
3	Name & Address of bidder	
5	Year of establishment	
6	Type of the firm	Public Ltd/Pvt Ltd./Partnership/Regd firm
8	Name & Address of Directors/Partners	1. 2.
7	PAN Number	
8	Contact Phone-Office	
9	Cell	
10	Email	
11	Copy of MOA/partnership deed/Registration	Attached/Not Attached
12	Copy of PAN of Directors/Partners	Attached/Not Attached
13	Latest IT return statement	Attached/Not Attached
14	Past three years P&L, Balance Sheet	Attached/Not Attached
15	All pages of bid document duly sealed and signed by the authorized person	Attached/Not Attached
16	Power of Attorney/Authorization to sign the bid	Attached/not Attached
17	Manufacturer's authorization letter	Attached/not Attached
18	EMD (in favor of HLL Biotech Limited in the form of Demand Draft / Banker's cheque from a Nationalized or Scheduled bank, payable at Chennai)	Attached/Not Attached

ANNEXURE- III

Details of Projects for which Equipments (Technical specification as per Annexure-I) were supplied & installed in the last TWO years

Sl. No.	Name and location of the Project	Name and address of the Client	Project Details		Completion Date
			Details of the items supplied	Project Value Rs Lakhs	
1					
2					
3					
4					
5					
6					

Satisfactory completion certificates from the clients to be attached.

ANNEXURE- IV

BID REF No: HBL/IVC/LTE/MYCO LAB/001/15-16 dated 08.03.2016

BID FORM

Item: Lab Furnishing - Myco Lab & Animal House

Having examined the bidding documents, including amendments of which is hereby acknowledged, we, the undersigned, offer to execute the contract including the supply and delivery of the goods (**FOR IVC Chengalpattu**) in full conformity with the said bidding documents for the sum of:

In Fig:

IN WORDS

(Hereinafter called “the Total Bid Price”) or such other sums as may be determined in accordance with the terms and conditions of the Contract. The above amounts are in accordance with the Price Schedules attached herewith and are made part of this bid.

We undertake, if our bid is accepted, to execute the contract in accordance with the delivery schedule specified in the schedule of requirements.

If our bid is accepted, we undertake to provide a performance security in the form, in the amounts, and within the times specified in the Bidding Documents.

We agree to abide by this bid, for the Bid Validity Period specified in the Bid Data Sheet and it shall remain binding upon us and may be accepted by you at any time before the expiration of that period.

Until the formal final Contract is prepared and executed between us, this bid, together with your written acceptance of the bid and your notification of award, shall constitute a binding Contract between us. We understand that you are not bound to accept the lowest or any bid you may receive.

Dated:

Signed by:
In the capacity of

**ANNEXURE- V
MANUFACTURER'S AUTHORISATION FORM**

To

HLL Biotech Limited, Chennai

Dear Sirs,

Ref. Your TE document No _____, dated _____

We, _____ who are proven and reputable manufacturers of _____ (*name and description of the goods offered in the tender*) having factories at _____, hereby authorise Messrs _____ (*name and address of the agent*) to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us.

We further confirm that no supplier or firm or individual other than Messrs. _____ (*name and address of the above agent*) is authorised to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us.

We also hereby extend our full warranty, AMC as applicable as per clause 15 of the General Conditions of Contract, read with modification, if any, in the Special Conditions of Contract for the goods and services offered for supply by the above firm against this TE document.

Yours faithfully,

[*Signature with date, name and designation*]

for and on behalf of Messrs _____

[*Name & address of the manufacturers*]

Note:

1. *This letter of authorisation should be on the letter head of the manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the manufacturer.*

Animal House Lab Furnishing Requirements

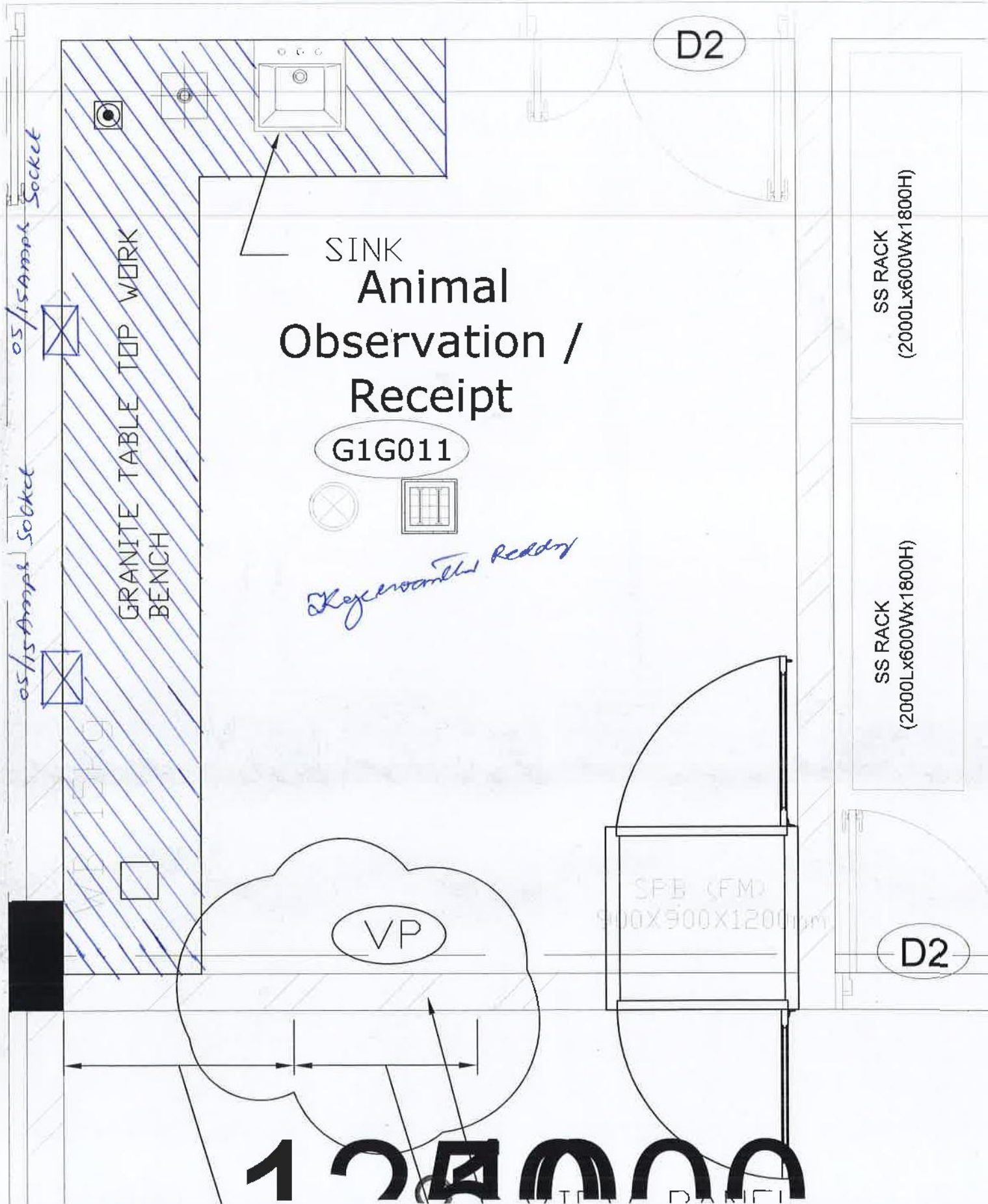
S. No	Room No	Room ID	Type	Sink (SS Type with Pig board & Eye wash)	Electrical Scocket point 5/15A	Table Top Granite (width)	Height of Table top	Length of Cabinet	Storage Cabinet Required	Knee Space Required (with keyboard and CPU trolley)	Length of Knee space cabinet	Remarks
1	G1G011	Animal Observation on Reciept	As per Drg	1	2	750mm	750mm	750mm	Plinth mounted Fixed Type	1 place	750mm	
2	G1G045	Documentation and Staff Room	As per Drg	-	5	Do	Do	Do	Do	5 places	750mm	
Wall Mounted Storage Cabinet on all sides of Walls (Size 750x400x600mmLxDxH)												
3	G1G080	Inoculation area- Challenge	As per Drg	1	-	Do	Do	Do	Do	-		
4	G1G078	Lab area- Challenge	As per Drg	1	2	Do	Do	Do	Do	-		
5	G1G055	Lab area- Testing	As per Drg	1	3	Do	Do	Do	Do	3 places	750mm	
6	G1G092	Histopathology and Microbiology	As per Drg	1	4	Do	Do	Do	Do	3 places	750mm	
7	G1G057	Inoculation area- Testing	As per Drg	1	3	Do	Do	Do	Do	2 places	750mm	
8	G1G023	Ante Room (Quarantine)	As per Drg	1	-	Do	Do	Do	Do	-		
11	G1G056	Sample Prepration (Testing)	As per Drg	-	3	Do	Do	Do	Do	1 place	750mm	
12	G1G079	Sample Prepration (Challenge)	As per Drg	-	2	Do	Do	Do	Do	-		

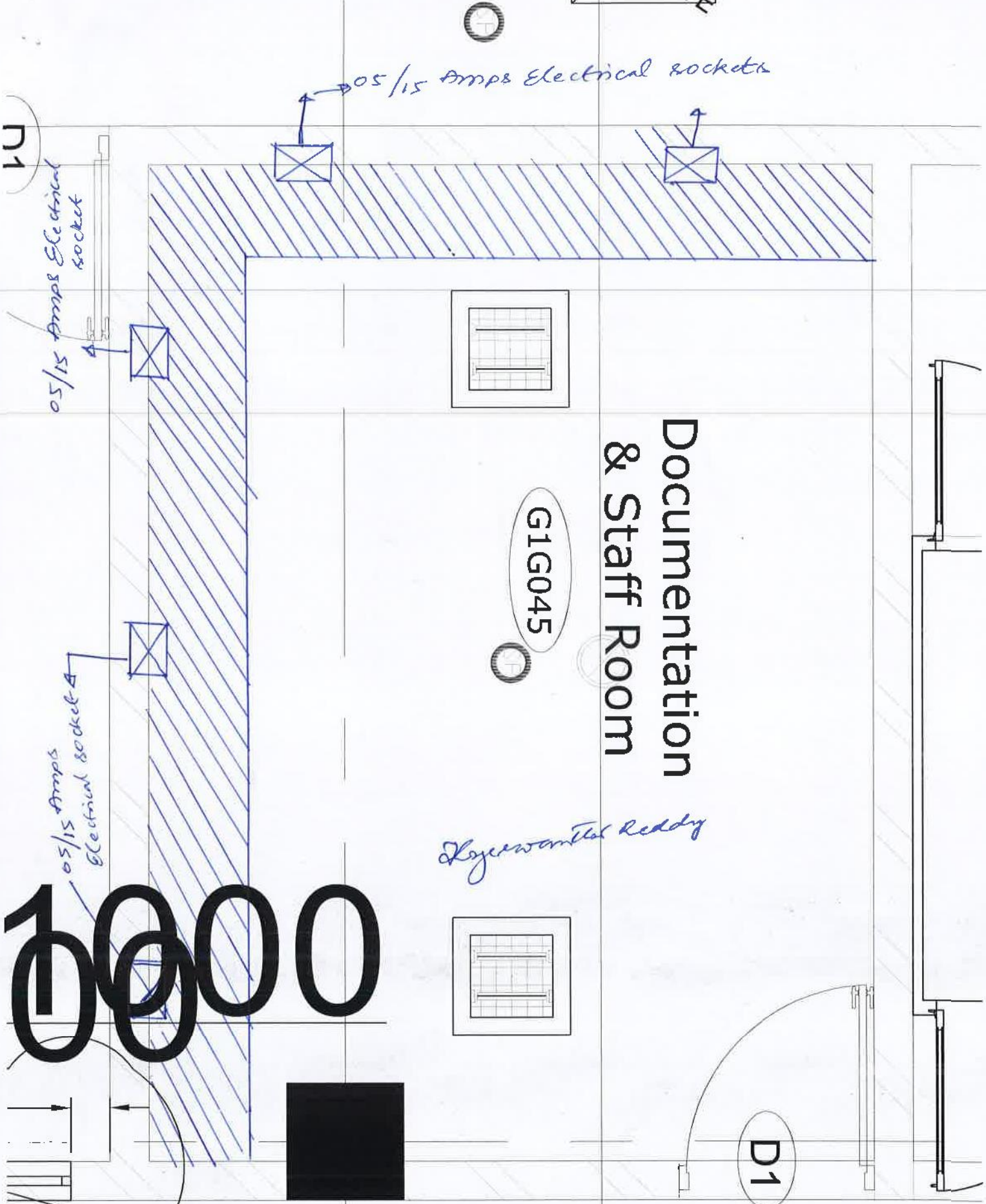
01 No Sink

02 No 05/15 Amps Electrical socket

Full table top granite

Storage cabinets with 01 sitting knee space.





**Documentation
& Staff Room**

G1G045

Rajeevankal Reddy

D1

N1

05/15 Amps Electrical socket

05/15 Amps Electrical sockets

05/15 Amps Electrical socket

10000

V1
100
CF1

05 nos 05/15 Amps Electrical socket.
Full Table top granite with 05
Sitting knee space.

3Lx400Wx500H)

Change Room-1

Female
(Challenge)

G1G071

Full
view Mirror

D1

Shower

G1G072

D1

Female
(Challenge)

G1G073

SS LOCKER
(1200Lx450Wx1800H)

D1

D1

GRANITE TABLE
TOP WORK BENCH

D-Bin

SS TABLE
(1500Lx600Wx900H)

VORTEX
SHAKER
HAMILTON
SYRINGE
BSC

Inoculation Area
(Challenge)

G1G080

ANAESTHESIA
CHAMBER

DPB (FWD)
900X900X1200mm

TRUSS

600X600X600mm

*01NO Sink
Full Table top granite
Full Storage Cabinets*

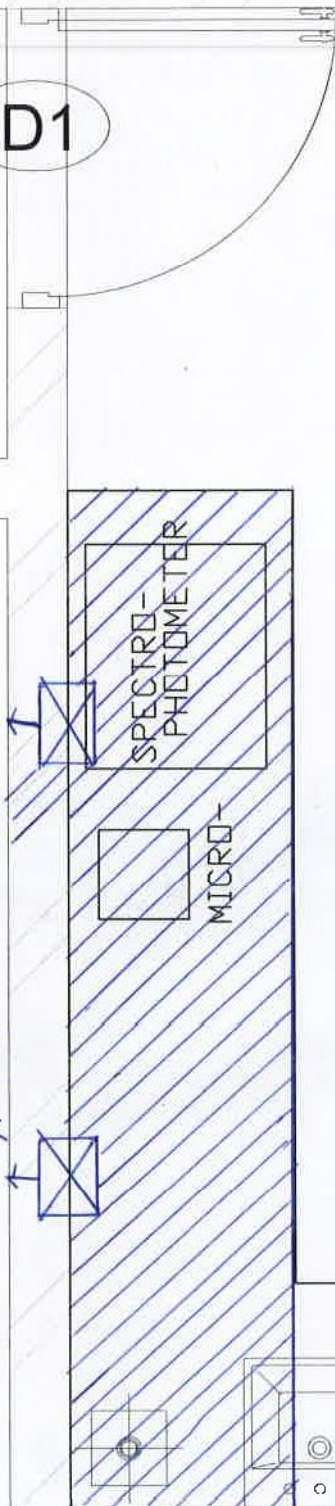
Kyeemantla Reddy

01 NO Standalone SS hand sink
02 NO 05/15 Amps Electrical sockets
Full table top granite
Full Storage cabinets.

Lab Area (Challenge)

G1G078

05/15 Amps Electrical Sockets.



GRANITE TABLE TOP WORK
BENCH

REFRIGERATOR
500 LTR



D-Bin

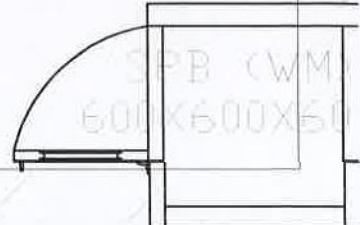


INCUBATOR
250 LTR



Sink

Keyeswater Ready

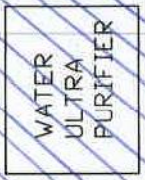


D1

D'

05/15 Amps Electrical socket

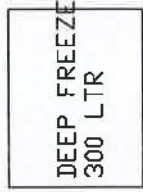
D2



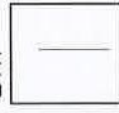
GRANITE TABLE TOP WORK BENCH

Lab Area (Testing)

G1G055



REFRIGERATOR 500 LTR



G1G044

05/15 Amps Electrical socket



01 No Sink
 03 No's 05/15 Amps Electrical sockets
 Full table top granite
 with storage cabinets with
 03 sitting knee space.

Kayak... ladder

D2



SS TROLLEY
DOUBLE
DECKER

SS JANITOR CLOSET
(1200Lx600Wx1800H)

05/15 Amps Electrical socket

Histopathology & Micro Biology

G1G092

GRANITE TABLE TOP WORK
BENCH

05/15 Amps Electrical socket

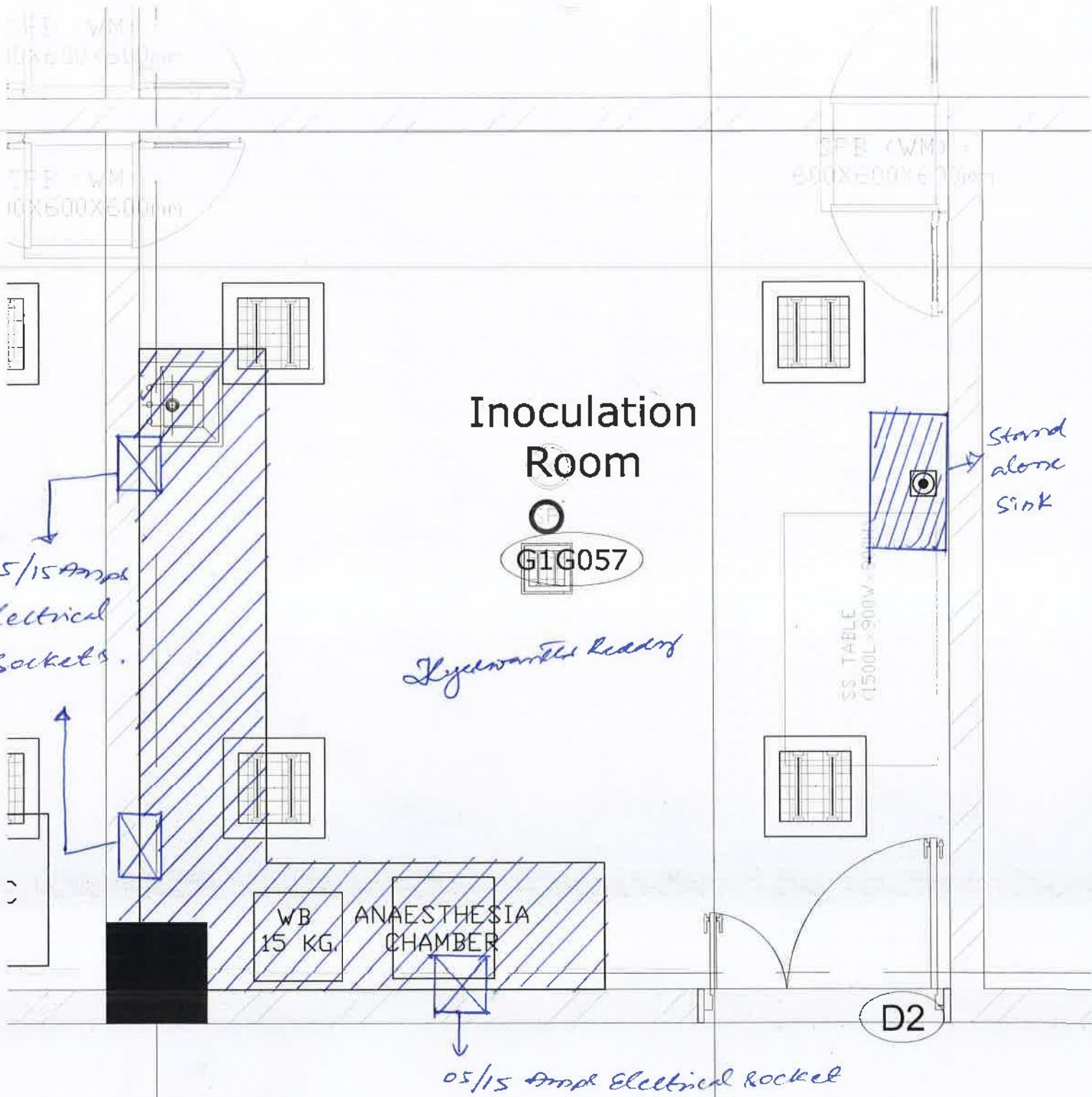
SINK

D2

02 Nos Sink

04 Nos 05/15 Amps Electrical socket

Syedwanth Reddy



Inoculation Room

GIG057

Lysol-washed Reddy

05/15 Amp Electrical Sockets.

Stand alone Sink

WB 15 KG

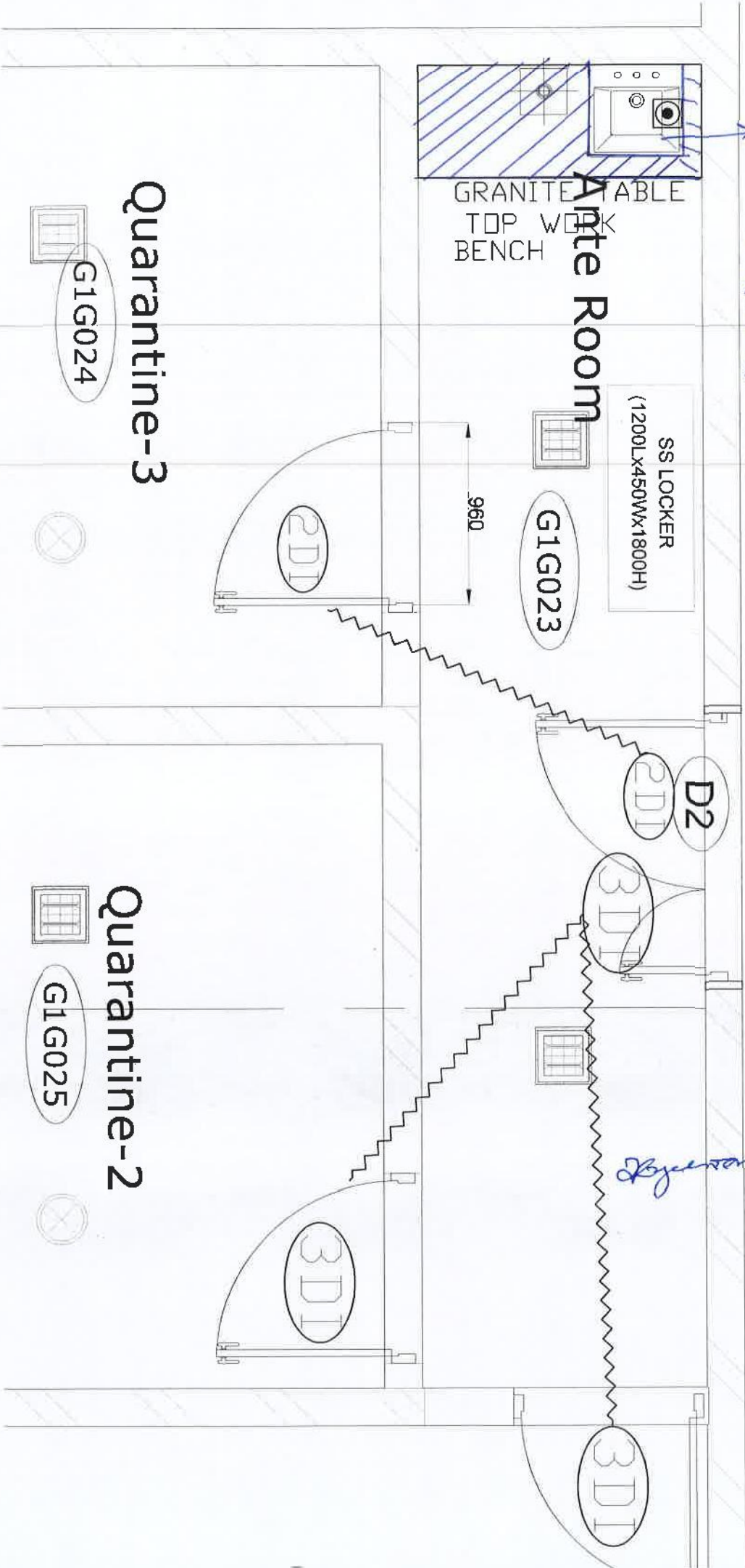
ANAESTHESIA CHAMBER

SS TABLE (1500L x 900W x 800H)

D2

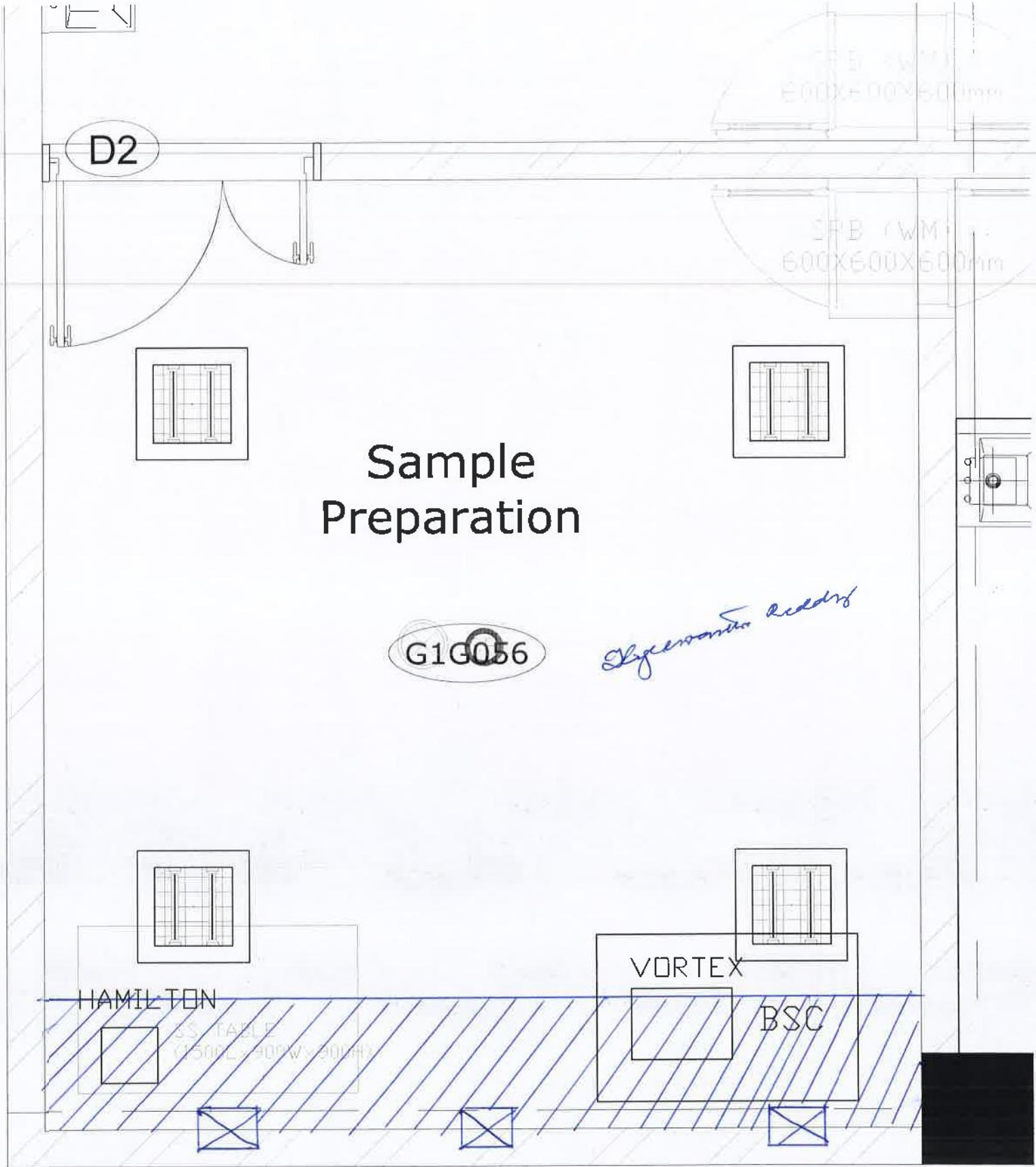
05/15 Amp Electrical Socket

- 01 No Standalone Sink
- 03 No's Electrical sockets
- Full table top granite.
- Storage cabinets with 02 sitting knee space.



Sink.
 01 Sink
 Full table top
 granite and
 storage cabinet

Bye to the Redd



Sample Preparation

G1G056

Spencer's Address

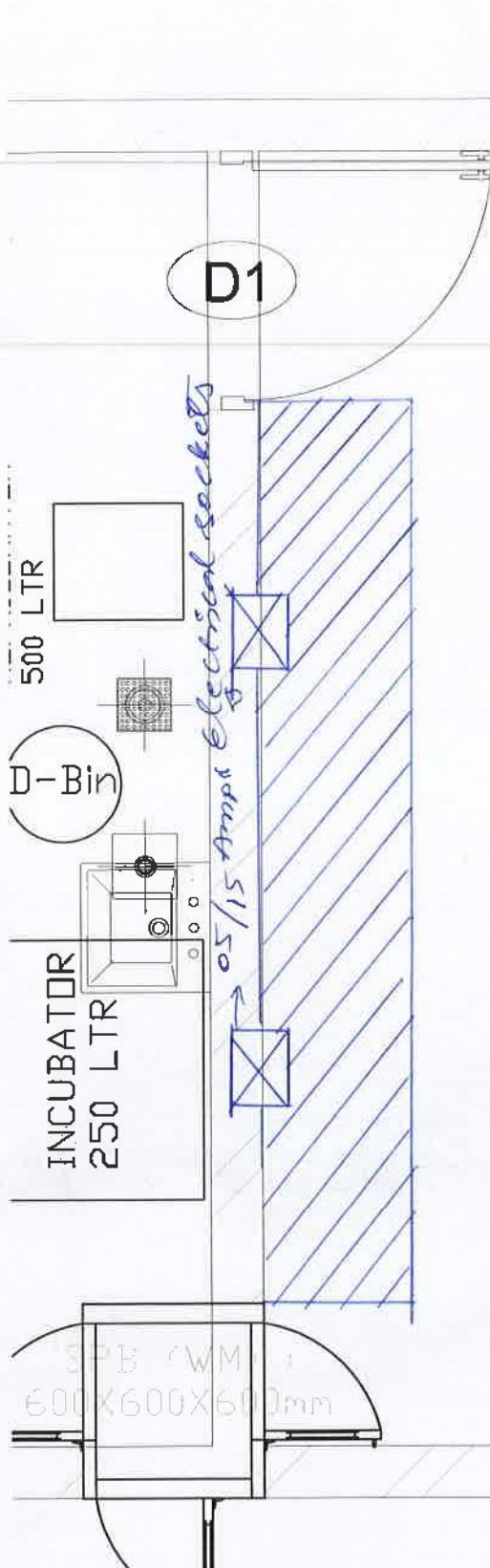
HAMILTON

SS TABLE
(1500L x 900W x 900H)

VORTEX

BSC

*03 No's Socket
Full table top granite.
Storage cabinets full capacity*



Challenge

G1G079



ES TABLE
(1500L x 600W x 900H)

D-Bin

Shyama Prasad Reddy,

BSC

*02 Nos 05/15 Amps Electrical sockets
Full granite table top
Full storage space cabinets.*

Myco lab Furnishing Requirements

S. No	Room No	Room ID	Type	Sink (PP Type with Pig board)	Electrical Socket point 5/15A	Data Point	Table Top Granite (width)	Height of Table top	Length of cabinet	Storage Cabinet Required	Knee Space Required (with keyboard and CPU trolley)	Length of Knee space cabinet (with keyboard and CPU trolley)	Remarks
1		Instrumentation Lab	As per Drg	1	9	3	750mm (Granite or Alternate Material)	750mm	750mm	Plinth mounted Fixed Type	5 places	750mm	
2		Wash Area-2	Emergency Shower & Eye Station										

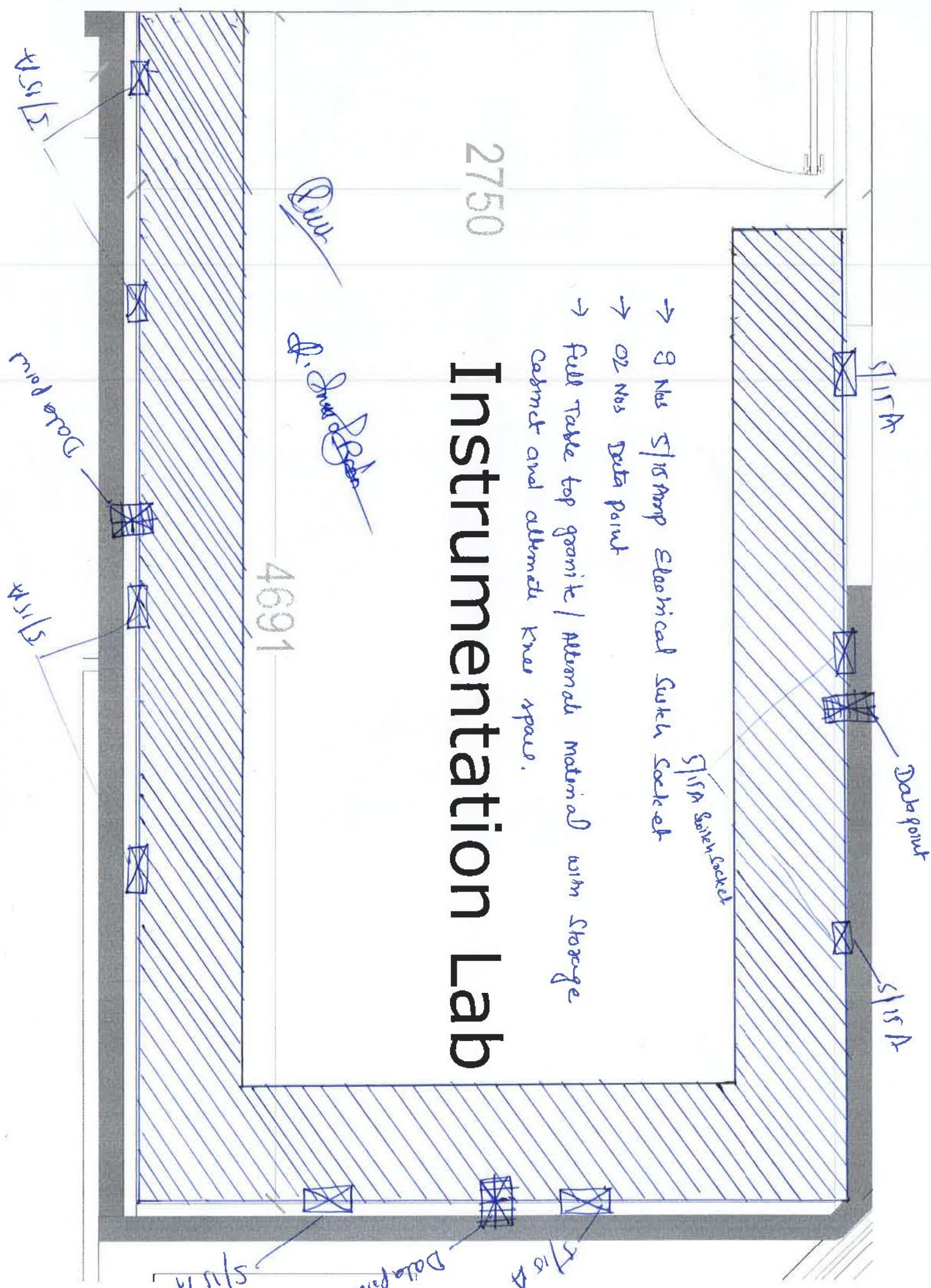
Instrumentation Lab

2750

4691

- 3 Nos S/15Amp Electrical Switch Socket
- 02 Nos Delta point
- Full Table top granite / Alternat material with Storage cabinet and alternate knee space.

Mr. S. Suresh Babu



DPB (FM)
600X600
X1200mm



Wash Area

2950

