



ICAR-NATIONAL BUREAU OF FISH GENETIC RESOURCES

Canal Ring Road, P.O. Dilkusha, Lucknow-226 002, U.P., India

Ph. : (0522) 2441735, 2440145, 2442440, 2442441 Fax : (0522) 2442403 :

Website : www.nbfgr.res.in



F.No. 3-92/Purchase of Lab Furniture/2020-21/(Store)/

Dated: 06/02/2021

NOTICE INVITING TENDER THROUGH E-PROCUREMENT

Online Bids are invited from the interested firms under two bid system for procurement of **"Lab Furniture"** (With complete installation) at ICAR-National Bureau of Fish Genetic Resources, Canal Ring Road, Telibagh, P.O. Dilkusha, Lucknow-226002. **Manual bids shall not be entertained.**

Tender documents may be downloaded from e-procurement website of CPP <http://eprocurement.gov.in/eprocurement/app> as per the schedule as given in CRITICAL DATE SHEET as under.

CRITICAL DATE SHEET

Tender No.	F.No. 3-92/2020-21
Date and Time for Issue/Publishing	06:00 PM on 06/02/2021
Document Download/Sale Start Date and Time	06:00 PM on 06/02/2021
Bid Submission Start Date and Time	06:00 PM on 06/02/2021
Bid Submission End Date and Time	02:00 PM on 16/02/2021
Date and Time for Opening of Bids	03:00 PM on 17/02/2021
Address for Communication	I/c (S&P) ICAR-National Bureau of Fish Genetic Resources, Canal Ring Road, Telibagh, P. O. Dilkusha, Lucknow-226002

I/c (S&P)

INSTRUCTIONS FOR ONLINE BID SUBMISSION

1. The tender from/bidder documents may be downloaded from the website: <http://eprocurement.gov.in/eprocurement/app>. Online submission of Bids through Central Public Procurement Portal (<http://eprocure.gov.in/eprocure/app>) is mandatory. Manual/Offline bids shall not be accepted under any circumstance.
2. Tenders/bidders are requested to visit website: <http://eprocure.gov.in/eprocure/app> regularly. Any changes/modifications in tender enquiry will be intimated by corrigendum through this website only.
3. In case, any holiday is declared by the Government on the day of opening, the tenders will be opened on the next working day at the same time. The council reserves the right to accept or reject any or all the tenders.
4. **Earned Money Deposited (EMD)/Bid Security:** The EMD/Bid Security is nil, the bidder has to submit bids securing declaration as per format specified in Annexure-VI, otherwise bid will be similarly rejected.
5. The firm should send the Original brochures of the product and may be addressed to the **Asstt. Administrative Officer, National Bureau of Fish Genetic Resources, Canal Ring Road, Telibagh, P.O. Dilkusha, Lucknow-226002** on or before bid opening date and time as mentioned in the Critical Date Sheet.
6. Bidder need not to come at the time of Technical as well as Financial bid opening at ICAR-NBFGR. They can view live bid opening after login on CPP e-procurement Portal at their remote end. If bidder wants to join bid opening event at ICAR-NBFGR then they have to come with bid acknowledge slip that generates after successful submission of online bid.

The firms are also required to upload copies of the following documents:-

• **Technical:**

- (a) Bidder has to submit bids securing declaration as per format specified in Annexure-VI.
- (b) Scanned copy of Firm's registration, Pan Card, GSTIN No., Tender Acceptance Letter (Annexure-IV).
- (c) Scanned copy of Manufacturers Authorization Certificate issued by Principal Manufacture duly verified by the Indian Agent or Manufacturing Certificate.
- (d) Scanned copy of Income Tax Statement for the last three years 2017-2018, 2018-2019 & 2019-2020.
- (e) Scanned copy of Annexure-II and III.
- (f) Scanned copy of Make and Model of all systems, sub systems and additional items should be mentioned in the technical bid and complete technical details should be provided in the form of Brochures and write-ups.
- (g) Scientific Equipments and Laboratory Association (SEFA) Certificate
- (h) The bidder needs to have supplied & installed at least 2 projects in India with SEFA tested furniture, each worth at least 25 lakhs with completion certificate within last 5 years, (Enclosed purchase copies and work completion certificate)

Note:

Circular No. 1(2)(1)/2016-MA dated 10th March 2016 of Ministry of Micro, Small & Medium Enterprises (MSE,s) and Circular No. F/20/2/2014-PPD (Pt), dt.26/07/2016 of Ministry of Finance, Department of Expenditure, Procurement Policy Division; regarding relaxation of Norms for Startups and Micro & Small Enterprises in Public Procurement on Prior Experience-Prior Turnover Criteria prior turnover would be applicable.

• **Financial Bid:**

- (a) Price Bid as BoQ
- * Item should be of reputed make and suitable for high end elite users.
 - * Submission of samples of the quoted items is compulsory without which the rates will not be considered. Rates will be opened only for those items for which the samples is approved with respect to the requirement.
 - * Tax extra as applicable should be indicated separately in the column provided.

Note:- The above mentioned Financial Proposal/Commercial Bid format is provided as BoQ_XXXX. xls along with this tender document at (<http://eprocure.gov.in/eprocure/app>). Bidders are advised to download this BoQ_XXXX. xls as it is and quote their offer/rates in the permitted column and upload the same in the Financial Bid. Bidder shall not tamper /modify downloaded price bid template in any manner. In case if the same is found to be tempered/modified in any manner, tender will be completely rejected and tenderer is liable to be banned from doing business with ICAR-NBFGR.

I/c (S&P)

Checklist:

The firm must be fill this check list.

Sr. No.	Documents	Page No.	Remarks
1.	Bidder has to submit bids securing declaration as per format specified in Annexure-VI.		
2.	Firm's Registration,		
3.	Pan Card		
4.	GSTIN No.		
5.	Tender Acceptance Letter along with full tender documents with sign & seal of firm in each and every pages of tender documents.		
6.	Manufacturers Authorization Certificate issued by Principal Manufacture duly verified by the Indian Agent or Manufacturing Certificate.		
7.	Income Tax Statement for the last three years i.e. 2017-2018, 2018-2019 & 2019-2020		
8.	Make and Model of all systems, sub systems and additional items should be mentioned in the technical bid and complete technical details should be provided in the form of Brochures and write-ups.		
9.	Scientific Equipments and Laboratory Association (SEFA) Certificate		
10.	The bidder needs to have supplied & installed at least 2 projects in India with SEFA tested furniture, each worth at least 25 lakhs with completion certificate within last 5 years, (Enclosed purchase copies and work completion certificate)		

***Note: Please clear mentioned the page number of attached documents clearly.
Failing which tender will be rejected.***

Terms & Conditions

1. The tender shall quote rates, which will include the delivery and other incidental charges, Taxes, if any, should be indicated separately.
2. The rates should be quoted as per the BOQ uploaded on the CPP Portal. Taxes, if any, should be indicated separately. It must be noted that the contract shall be awarded to the firm which fulfils all the required terms and conditions and remains L-1 for any particular items.
3. The firm must also possess valid PAN No., GSTIN No. and a copy of the same must also be enclosed with the tender document.
4. Copy of previous three years of Income Tax Statement may be furnished.
5. Modification in the tender documents after the closing date is not permissible.
6. The successful firm shall have to supply within 45 days from the date of confirmed supply order. The rates quoted shall be valid for one year from the date of opening of tender.
7. The contractor/bidder or his representative may contact the undersigned at Telephone No. 0522-2441735, 2440145 for any further clarification.
8. The Director, ICAR-National Bureau of Fish Genetic Resources (ICAR-NBFGR) shall have the right to reject all or any of the offers, accept more than one offer, and assign part of the job.
9. Merely quoting of lowest rates does not mean that order shall be given to that firm. The Competent Authority will finally decide on the basis of quality and performance of past installation.
10. **Earned Money Deposited (EMD)/Bid Security:** The EMD/Bid Security is nil, the bidder has to submit bids securing declaration as per format specified in Annexure-VI, otherwise bid will be similarly rejected.
11. Rates once finalized will not be enhanced/reduced during the currency of the contract.
12. In case of foreign currency, conversion rates in INR will be taken on that day when financial bid will open.
13. In case, the successful bidder shows inability at any stage, after the contract is finalized and awarded, for whatsoever reason (s), to honor the contract, the Earnest Money/ Performance Security deposited would be forfeited.
14. The Director, ICAR-NBFGR reserves the right to cancel the contract at any time during the currency period of the contract without giving any reason.
15. The firm to whom the tender will be awarded, will have to deposit the Performance Security equal to 3% of the total amount at the time of installation of the equipment. If the services are not found to be satisfactory, the Performance Security is liable to be forfeited. No. interest will be paid on Performance Security.
16. If any disputes (s) arises between ICAR-NBFGR and the firm with reference to the contract, ICAR-NBFGR will decide it and its decision will be binding on the firm.

17. **Bid Validity: 180 days.**
18. The contract will be given to item-wise Least one (L-1).
19. Our Institute is Registered with DSIR and we are exempted from Excise Duty & Custom Duty. Hence CDEC/DSIR will be provided to the firm, if demanded. Rate should be quoted accordingly.
20. **PAYMENT:**
- (A) Payment for Goods supplied from abroad:
- (a) On shipment 90% of the contract price (FOB) shall be paid through irrevocable Letter of Credit upon submission of documents detailed in L/C.
- (b) 10% of the contract price (FOB) (in foreign currency) and other charges like freight etc. from FOB to FOR ICAR-NBFGR, Lucknow (in INR) will be released after satisfactory installation/working of equipment/machine etc. As well as on submission/production of Performance Bank Guarantee by the supplier (s).
- (B) Payment for Goods supplied within India:
- (a) 100% of the contract price on receipt of goods by the consignee supported by satisfactory installation/working report and submission of PBG.
21. **INSTALLATION:**
Within 30 days from the date of receipt of equipment in the Institute failing which liquidated Damage clause shall apply.
Liquidated Damage Clause: It would be realized @0.5% (half per cent) of the base price (excluding taxes) of the delayed goods for each week of delay subject to maximum 10%.
22. **Price:**
- i. If any bidder wants to quote in foreign currency, price be quoted on FOB international port of shipment in foreign currency and all charges from FOB international Port to FOR, ICAR-NBFGR, Lucknow (like: Air/Sea freight, insurance, custom duty against CDEC, Custom Clearing charges and transportation up to ICAR-NBFGR, Lucknow) should be quoted in INR only.
- ii- If any bidder wants to quote in INR, Price be quoted on FOR, ICAR-NBFGR, Lucknow basis.
- iii- IN CASE THE STORES PERTAINS TO IMPORT:
- (a) KINDLY ENSURE TO ENCLOSE MANUFACTURER'S AUTHORIZATION IN FAVOUR OF INDIAN SUBSIDIARY FIRM. IT MAY ALSO BE NOTED THAT FURTHER AUTHORIZATION BY SUBSIDIARY FIRM IN FAVOUR OF ANY OTHER FIRM LOCATED IN INDIA TO PROMOTE THEIR SALE MUST HAVE AUTHORIZATION FROM THE PRINCIPAL FIRM FOR FURTHER AUTHORIZATION TO AN INDIAN FIRM, FAILING WHICH THE TENDER IS LIABLE TO BE CANCELLED.
- (b) PRICE SHOULD BE QUOTED ON FOR INTERNATIONAL AIRPORT/ SEAPORT AND CIF NEW DELHI ALSO. IN CASE ANY FIRM QUOTES THE RATE ON FCA EX-WORKS BASIS ONLY, FCA OR EX-WORKS PRICE WILL BE TREATED AS FOR INTERNATIONAL AIRPORT/ SEAPORT.

- (c) PRICE CAN ALSO BE QUOTED IN INR (FOR BASIS), BUT IN THAT CASE EITHER CDEC/DSIR OR GST CAN BE DEMANDED DEMAND FOR BOTH GST AND CDEC/DSIR CAN NOT BE CONSIDERED.
- (d) PRICE SHOULD BE QUOTED FROM FOB TO FOR DESTINATION (ICAR-NBFGR) IN INDIAN CURRENCY (INR) ALSO.
“Terms and conditions are acceptable”

Dated:

(Authorized Signatory of the firm)

Annexure-III



ICAR-NATIONAL BUREAU OF FISH GENETIC RESOURCES

Canal Ring Road, P.O. Dilkusha, Lucknow-226 002, U.P., India

Ph. : (0522) 2441735, 2440145, 2442440, 2442441 Fax : (0522) 2442403 :

Website : www.nbfg.res.in



Name of the firm :

Registered/Postal Address :

1.	Permanent Account Number (PAN No.)	
2.	GST Registration No., if applicable	
3.	Bank Details:	
a	Bank Name	
b	Branch Address	
c	Account No.	
d	Type of Account (Current/Saving)	
e	MICR No.	
f	RTGS/NEFT Code:	

Date:

Name of the Authorized Signatory

Place:

Stamp & Signature

TENDER ACCEPTANCE LETTER
(to be given on Company Letter Head)

Date:

To,

.....
.....
.....
.....

Sub: Acceptance of terms and conditions of tender:

Tender Reference No.:

Name of tender/work:-

.....
.....
.....

Dear Sir,

1. I/we have downloaded/obtained the tender document (s) for the above mentioned Tender/work from the website (s) namely:

.....
.....

As per your advertisement, given in the above mentioned website (s).

2. I/we hereby certify that I/we have read the entire terms and conditions of the tender documents from Page No. to (Including all documents like annexure (s), schedules (s) etc.) which form part of the contract agreement and I/we shall abide hereby the terms/conditions/clauses contained therein.

3. The corrigendum (s) issued from time to time by your department/organization too have also been taken into consideration, while submitting this acceptance letter.

4. I/we hereby unconditionally accept the tender conditions of above mentioned tender document (s)/corrigendum (s) in its totality/entirety.

5. I/we do hereby declare that our firm has not been blacklisted/debarred by any Govt. Department/Public Sector Undertaking.

6. I/we certify that all information furnished by the our firm is true and correct and in the event the information is found to be incorrect/untrue for found violated, then your department/organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully,
(Signature of the Bidder, with official seal)

INSTRUCTION FOR ONLINE BID SUBMISSION

The bidders are requested to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

REGISTRATION:

- Bidders are required to enrol on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link "Online Bidder Enrolment" on the CPP Portal which is free of charge.
- As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sift / TCS /nCode /eMudhra etc.), with their profile.
- Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- Bidder then logs in to the site through the secured log-in by entering their user ID/password and the password of the DSC/e-Token.

SEARCHING FOR TENDER DOCUMENTS:

- There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, other keywords etc. to search for a tender published on the CPP Portal.
- Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

- Bidder should take into account any corrigendum published on the tender document before submitting their bids.

- Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/schedule and generally, they can be in PDF /XLS /RAR/DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN Card Copy, Annual Reports, Auditor Certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

- Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- The serve time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

- Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

BID SECURING DECLARATION FORM

Date: _____

Tender No. _____

To
The Director, ICAR-NBFGR,
Lucknow-226002.

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 the 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)

Specification for Lab Furniture (With complete installation)
Technical Specification Compliance Statement Form

Scope: Furnish, delivery and installation of all laboratory furniture, drains, drain troughs, overflows and sink outlets with integral tailpieces, which occur above the floor, and where these items are part of the equipment as included in Bill of Quantities with reference to provided layout drawing.

1. General Performance: Provided SEFA Approved Independent Test Lab certification that furniture shall meet the performance requirements described in SEFA 8M (2016) and SEFA 10 and its Latest version.
2. Compete SEFA 8M & SEFA 10 tested 3rd party report by SEFA approved Laboratory to be submitted in advance as a pre-qualification for quoting the tender.
3. The bidder needs to have supplied & installed at least 2 projects in India with SEFA tested furniture, each worth at least 25 lakhs with completion certificate within last 5 years. Enclose purchase order copies.

Work Tops:

The worktops shall be of 18 ± 1 mm thick telephonic back Granite of an even surface with level tolerance less than 1 mm. The front edge of the granite shall be chamfered at an angle of 28 degree and smoothed. The back splash for the wall bench shall be of granite 18/19 mm thick material of height 4” from the finished table top level.

Module Casework, wall cabinets, tables and related accessories.

All cabinet bodies shall be flush front construction with intersection of vertical and horizontal case members, such as end panels, top rails, bottoms and vertical posts in same plane without overlap. Exterior corners shall be spot welded with heavy back up reinforcement at exterior corners. All face joints shall be welded and ground smooth to provide a continuous flat plane.

- A. Plinth System: Steel:** Cabinet bodies, drawer bodies, shelves, drawer heads and door assemblies shall be fabricated from cold rolled close anneal steel (CRCA Steel). The under bench cabinets will be plinth mounted carrying the cabinets. The worktop will be directly supported by the under-bench cabinets. Legs shall be with adjustment feet ± 15 mm to correct eventual unevenness of the floor. The C Frame System should be tested and in accordance with SEFA 10.
- B. Steel:** CRCA Steel grade must comply with ASTM A366. Components must be properly leveled, treated and conditioned to be free of scale or visible imperfections. Material thickness for all gauges must meet the standards. Gauges of steel used in construction of cases shall be 18 gauges, except as follows:

1. Cabinet shall be fabricated from a complete formed 14 gauge top frame flanged and welded to case body all four sides. Table aprons and reinforcement gussets shall be 14 gauge.
 2. Vertical support uprights shall be 14 gauge.
 3. Bottom case shall be full width 14 gauge sub bottom, double formed and fabricated to 11 gauge equivalent, welded to case body understructure and reinforced with 3/8-16 threaded weld nuts as level receivers.
 4. Shelves shall be 16 gauge. A hat channel reinforcement will be added for any unit 36" or over in width.
 5. Drawer suspension channels shall be 14 gauges.
 6. Drawer assemblies and door assemblies shall be 20 gauge.
 7. Hinge reinforcement of 14 gauge steel shall be provided.
- C. Base cabinets:** Shall be constructed to support a uniformly distributed load of minimum 100 kg (± 10) per square foot (1000 kg/m²) of cabinet top area including working surface without objectionable distortion or interference with door and drawer operation.
- D. Drawer and Door Pulls:** All under-bench and wall cabinets shall be with D-Shape SS-316 handles with satin finish, set into groove on top of doors and drawer front.
- E. Drawer Slides:** Drawer Slides be telescopic integrated drawer slide type that acts both as drawer slide and side panel. It shall be made of epoxy powder coated steel running. It shall have self-closing feature with 60 mm closing range and height and side adjustment facility if specified. It shall have continuous load capacity of not less than 60-70 Kg.
- F. Locks:** Locks shall be a 5-disc tumbler with heavy duty interchangeable cylinder. Exposed lock noses shall be dull nickel (satin) plated and stamped with identifying numbers.
- G. Hinges:** Hinges shall be made of Type 304 stainless steel with brushed satin finish, and shall be the institutional type with a five-knuckle bullet-type barrel. Hinges shall be attached to both door and case with three screws through each leaf. Welding of hinges to door or case will not be accepted.
- H. Shelf Adjustment Clips:** Die formed steel, zinc plated, designed to engage in shelf adjustment holes without the use of tools.
- I. Elbow Catch and Door Catch:** All cabinets should be supplied with elbow and door catch as per SEFA.
- J. Base Molding:** Should be supplied with Base Molding of pliable vinyl material.
- K. Supports Struts:** Support struts shall be furnished to support drain troughs, and to support worktop at plumbing space under fume hood superstructures or other heavy loads. Support struts shall consist of two 16 gauge channel uprights fastened top and bottom by two adjustable "U" shaped spreaders, each 12 gauge, 1-1/2" x length required formed from galvanized steel.

L: Steel Paint Finish: Epoxy powder coating with a minimum coating thickness of 55-60 microns should be maintained across the surface. Colour of the cabinets will be communicated at the time of order.

M: Performance test Results Specification: Tenderer/bidder shall provide 49 chemical testing reports as per SEFA guidelines which must also include Heat Resistance, Impact Resistance, Bend Testing, Hardness, Adhesion, etc.

Anti Vibration Table

- Finish of Top matching to lab table top. Approximate Size: 762mm L x 762mm D x 900mm H and having 2 nos. of 6/16 amps switch and sockets. Trunking to be extended from edge to edge. The top will be 18+1 mm thk and supported by fixed legs and having adjustable leveling screws.

Electrical Wires & Fittings:

- Each electrical module must consist of 16 Amp 3/5 pin socket along with switch.
- Industrial sockets with MCB as per IP-55 standard must be installed of make – Northwest, Norisys, Legrand or equivalent make.
- All internal wirings shall be Flame Retardant Low Smoke (FRLS) cables of make- Polycab, Havells, KEI, Finolex or equivalent make.

TENTATIVE QUANTITIES OF THE WORK

Instrument Lab

Items	Length (inches)	Height (inches)	Depth (inches)	Numbers	Yes/ No	Specification Offered/ Deviation if any
1	2	3	4	5	6	7
Island Table storage module	30	36	30	6		
Table top Granite for Island table	138		30	2		
Table top Granite 1	151.2		36	1		
Table top Granite 2	105		30	2		
Table top Granite 3	60		36	1		
Table top Granite 4	91.2		36	1		
Corner Table top Granite 5	48		48	2		
Leg space Panels (IB)	24	36	36	4		
Side Storage modules	30	36	36	10		
Side Storage modules	21	30	30	4		
Computer Table	24	30	30	4		
Corners unit	48x48	36		2		
AVT	30	36	30	1		
Reagent rack (2Tier)	138	0	0	1		
Electrical socket				48		
LAN				4		
Telephone socket				2		

Cryopreservation Lab

Items	Length (inches)	Height (inches)	Depth (inches)	Numbers	Yes/No	Specification Offered/ Deviation if any
1	2	3	4	5	6	7
Island Table storage module	30	36	30	8		
Table top 1 Granite	94		30	2		
Table top 2 Granite	94		30	2		
Table top 3 Granite	192		30	1		
Table top 4 Granite	236		36	1		
Table top 5 Granite	238		30	1		
Computer Table	24	30	30	4		
Leg Space Panel	30	36	30	9		
Side Storage modules	30	36	30	9		
Side Storage modules	36	30	30	8		
Side Storage modules	24	30	30	2		
Side Storage modules	21	30	30	2		
Island Floor Panel	42	84	12	1		
Floor mounted Floor Panel	48	84	12	4		
Middle Shelve	42		12	1		
Middle Shelve	48		12	4		
Outer Shelve with lip	48		8	4		
Outer Shelve with lip	42		8	1		
Reagent rack (2Tier)	90			1		
Wall Cabinet	30	25	13	6		
Wall Cabinet	48	25	13	4		
Wall Cabinet	42	25	13	1		
Electrical socket				39		
LAN				4		
Telephone socket				1		

Microbial repository

Items	Length (inches)	Height (inches)	Depth (inches)	Numbers	Yes/No	Specification Offered/ Deviation if any
1	2	3	4	5	6	7
Table Top Granite 1	72	36		2		
Table Top Granite 2	60			1		
Table Top Granite 3	148			1		
Post Foamed Melamine Top	89.5			1		
Storage Unit (36")	36	36	30	3		
Storage Unit (30")	30	36	30	5		
Storage Unit (24")	24	36	30	1		
Storage Unit (18")	18	30	30	2		
Leg Space Panel (24")	24	36	30	2		
Computer Table(24")	24	30	30	2		
Wall Cabinet (36")	36	25	13	2		
Electrical socket				19		
LAN				2		
Telephone socket				1		

Cell culture repository

Items	Length (inches)	Height (inches)	Depth (inches)	Numbers	Yes/No	Specification Offered/ Deviation if any
1	2	3	4	5	6	7
Table top 1 Granite	128	30	30	1		
Table top 2 Granite	80	30	30	2		
Storage modules	24	30	30	3		
Storage modules	18	30	30	4		
Leg Space Panels 1	42	30	30	2		
Leg Space Panels 2	24	30	30	2		
Electrical socket				13		
LAN				3		
Telephone socket				1		

Fish Museum

Items	Length (inches)	Height (inches)	Depth (inches)	Numbers	Yes/No	Specification Offered/ Deviation if any
1	2	3	4	5	6	7
Table top 1 Granite	46		30	1		
Sink Module	42	36	30	1		
PP Sink	21.6	11.8	15.7	1		
1 way water Tap				1		

Bacteriology Lab

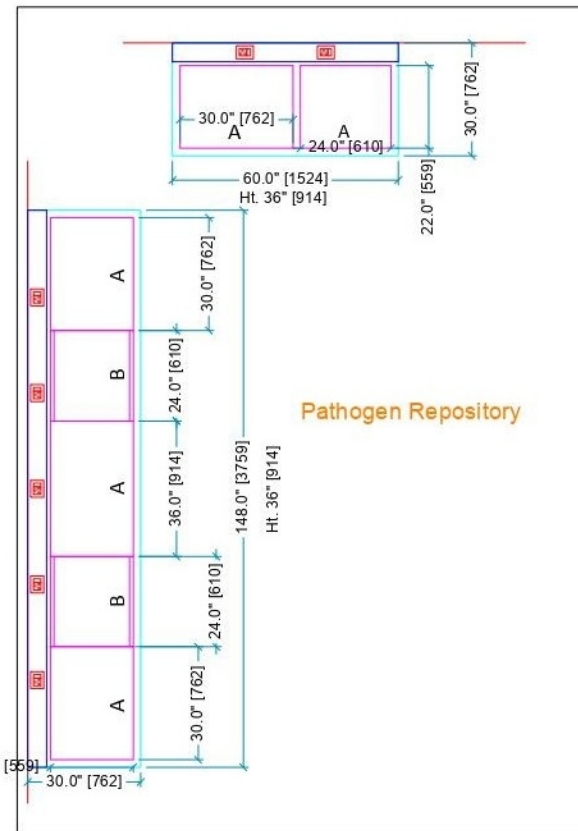
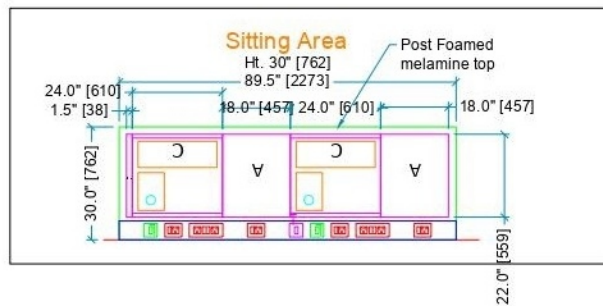
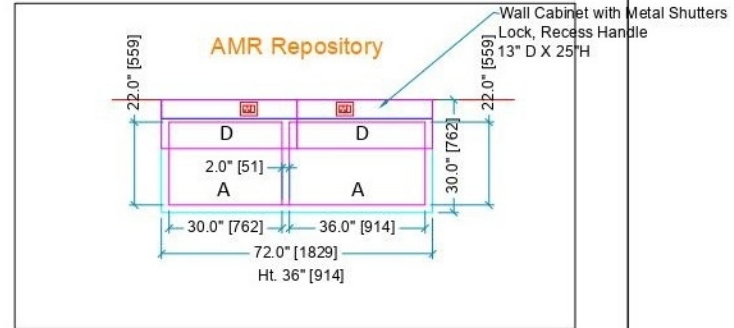
Items	Length (inches)	Height (inches)	Depth (inches)	Numbers	Yes/No	Specification Offered/ Deviation if any
1	2	3	4	5	6	7
Table top 1 Granite	68.2		30	1		
Table top 2 Granite	115.5		30	1		
Table top 2 Granite	42		42	1		
Post foamed melamine top 1	140.5		30	1		
Post foamed melamine top 2	110		30	1		
Post foamed melamine top 3	95.5		30	3		
Post foamed melamine top 4	141		30	1		
Storage modules	21	30	30	9		
Storage modules	24	30	30	1		
Corner Storage Module	42	36	42	1		
Storage modules	30	36	30	2		
Storage modules	36	36	30	1		
Wall Cabinet (36")	36	25	13	2		
Leg Space Panels 1	30	36	30	1		
Leg Space Panels 2	24	36	30	2		
Computer table	24	30	30	12		
Electrical socket				54		
Lan				12		
Telephone Socket				5		

Mark (YES) if specification offered is as per tender or better. If not, specify the specification offered. An item-by-item commentary on the purchaser's Technical Specifications demonstrating substantial responsiveness of the goods and services to those specifications or a statement of deviations and exceptions to the provision of the Technical Specifications.

1. Published/Printed Technical literature/brochures/manuals should be attached along with this format that certifies the quoted specification. Simple internet downloaded are not accepted unless the catalogue/brochures from authorized website of original manufacturer can be certified. 2. Compliance/Deviation statement comparing the specification of the quoted model to the required specifications. This statement should also give the last page of the technical literature where the relevant specification is mentioned. 3. Failure to give support documents for verifying specification will lead to rejection of bid.

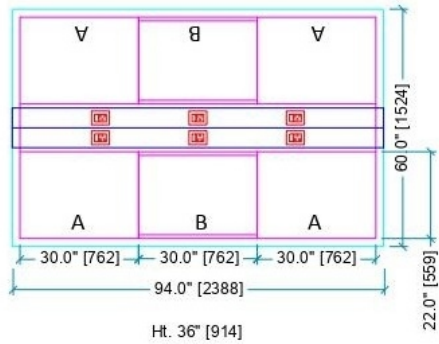
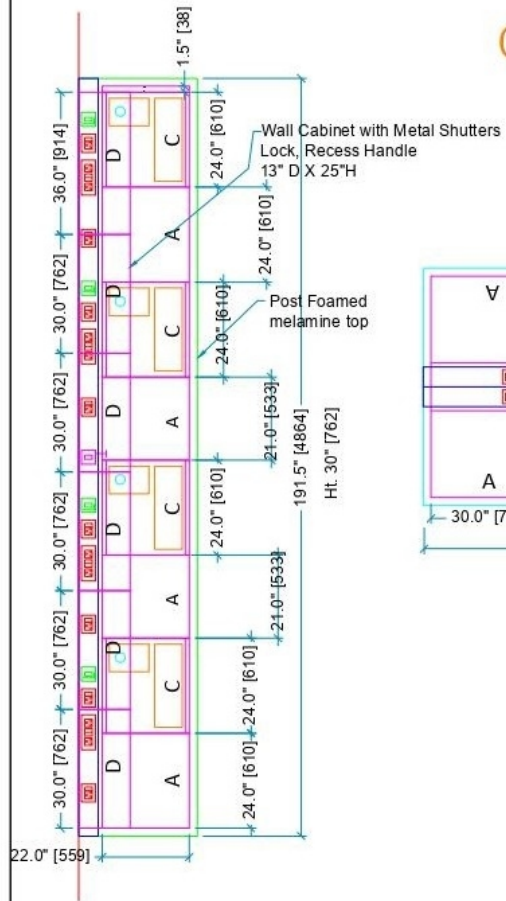
SIGNATURE WITH STAMP OF THE BIDDER

Microbial Repository

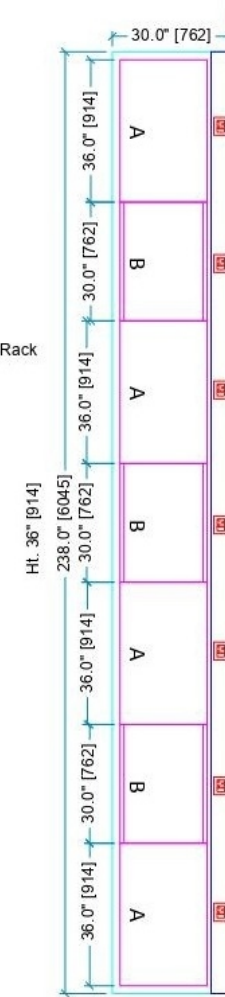
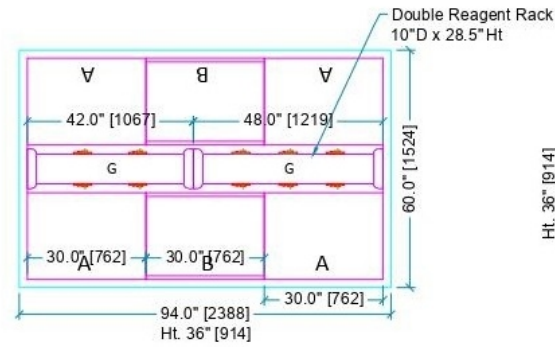


Cryopreservation Repository

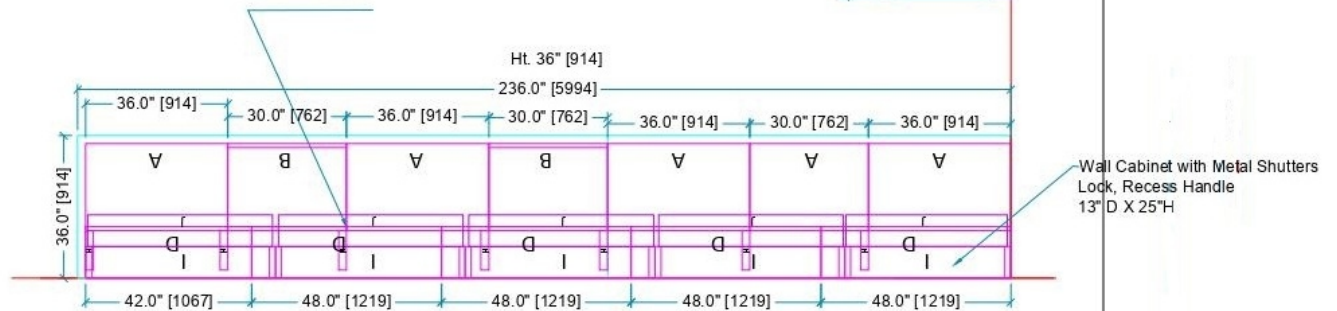
Cold Chamber



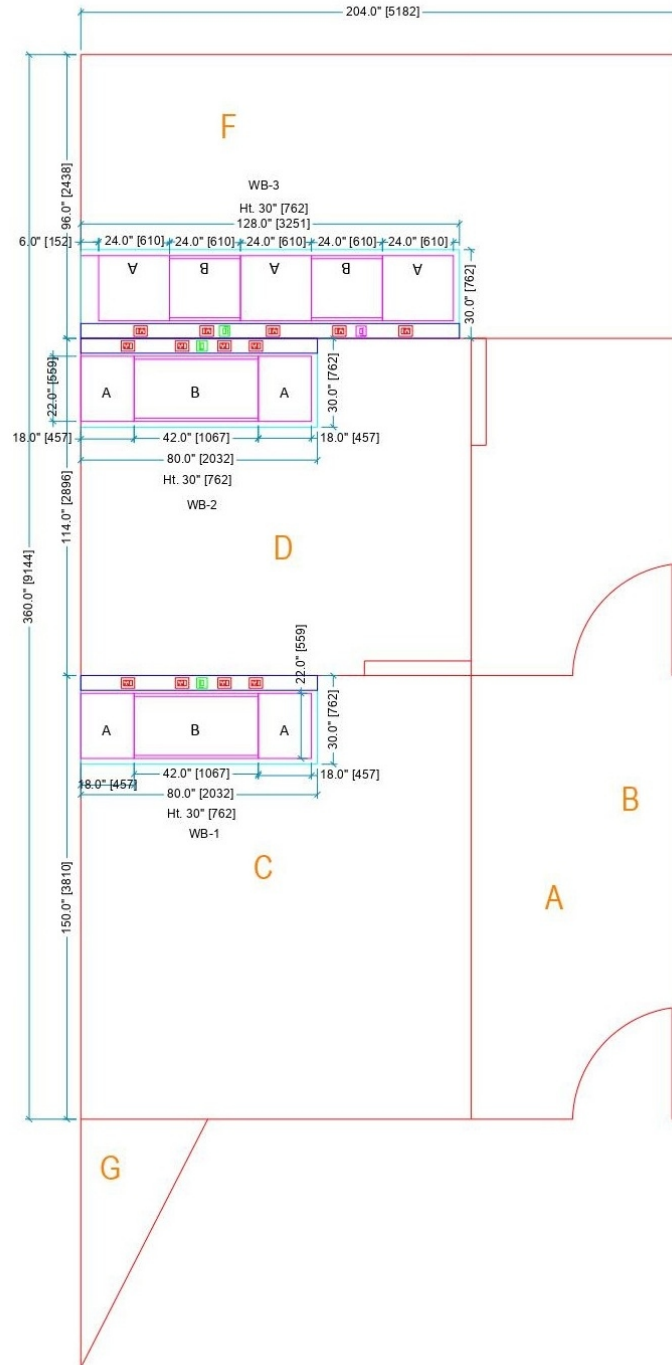
LN2 Filling Station



Max Plus Island A Floor 12"D 84 "H with 8"D-1No. Outer Shelf, 12"D-1No.Middle Shelf









Cell Culture Repository

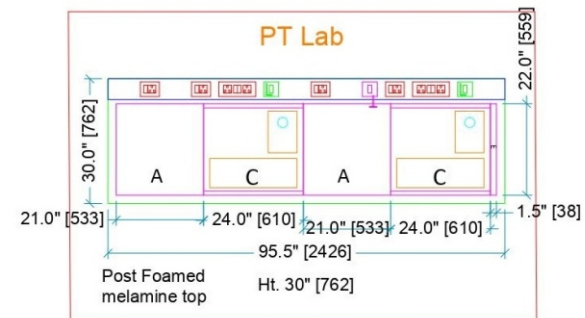
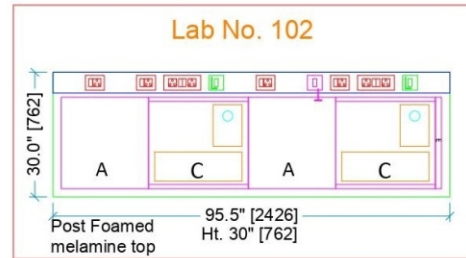
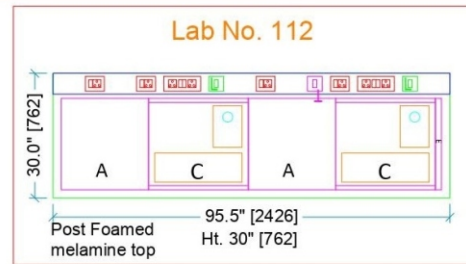
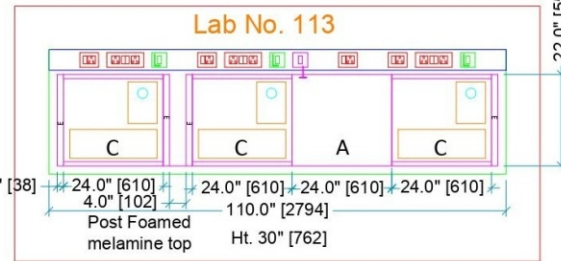
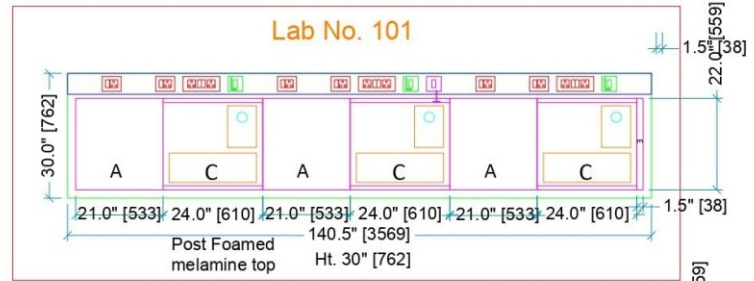
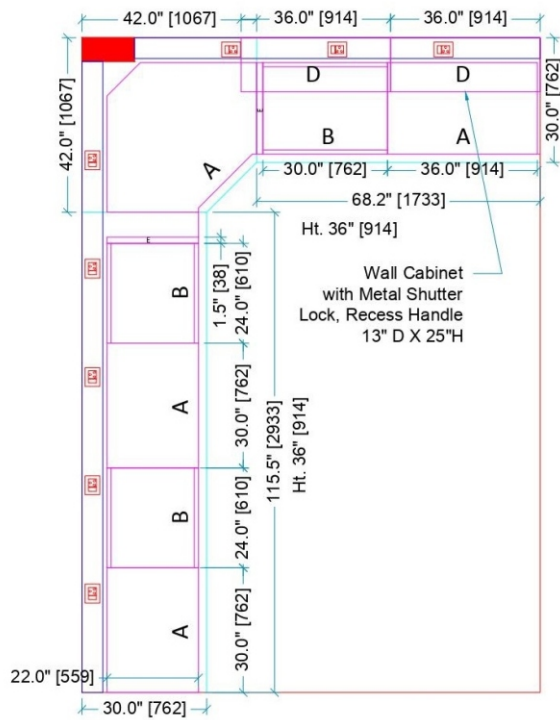


A	- Base Cabinet
B	- Apron
C	- Apron with KBD
D	- Wall Cabinet
E	- Support Leg
F	- Anti Vibration Table 30"W 30"D 36"H[GraniteTop 596mmx672mm].
G	- Reagent Rack Double.
H	- Support For Granite.[254mm x 254mm]
I	- Adapter Series.
J	- Adapter Series- Shelf
K	- Sink Base Cabinet

Note :- Please refer casework configuration & codes nomenclature files for codes clarification.






<p><u>REMARKS :-</u></p> <ul style="list-style-type: none"> * All Dimensions are in Inch / m.m. * All Cabinets are CRCA Powder Coated. * Code ending with 'A' are cabinet with Lock, Recess Handle. (e.g. BA5C30A) * All Sitting Casework Tops are Post Foamed melamine and others are Black Granite <p>   - Metal Raceway 5"H x 5"D. </p> <p>   - 6/16A 3-Pin Socket & 16A MCB. </p> <p>  - Lan/Computer Socket RJ-45. </p> <p>  - Telephone Socket RJ-11. </p>
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Bacteriology Lab Layout-2

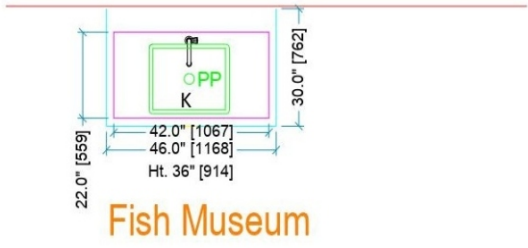
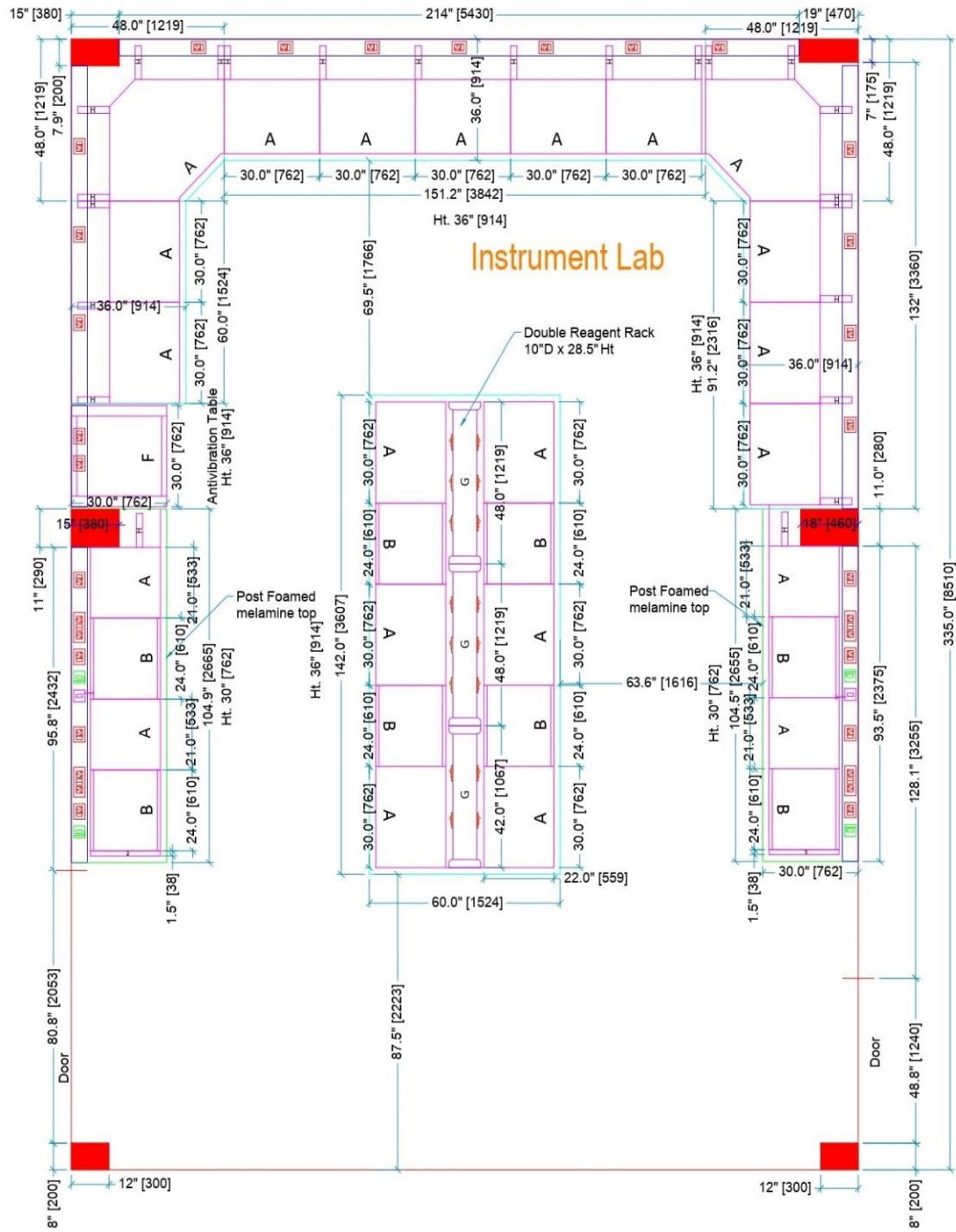


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




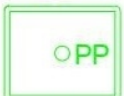

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-  - Lan/Computer Socket RJ-45.
-  - Telephone Socket RJ-11.

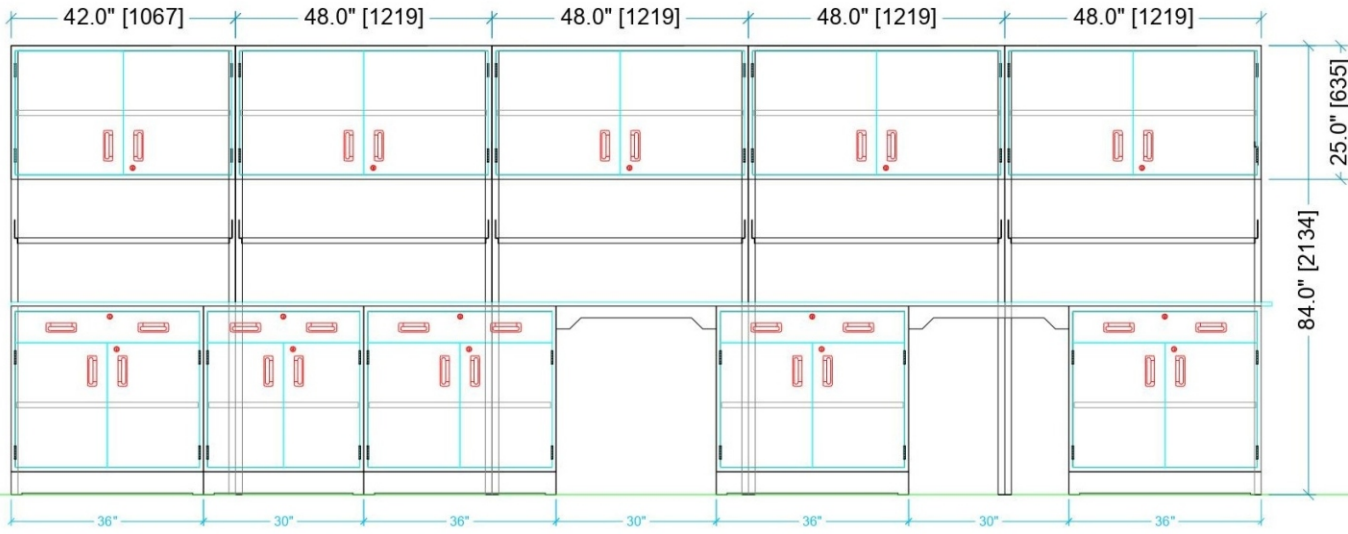
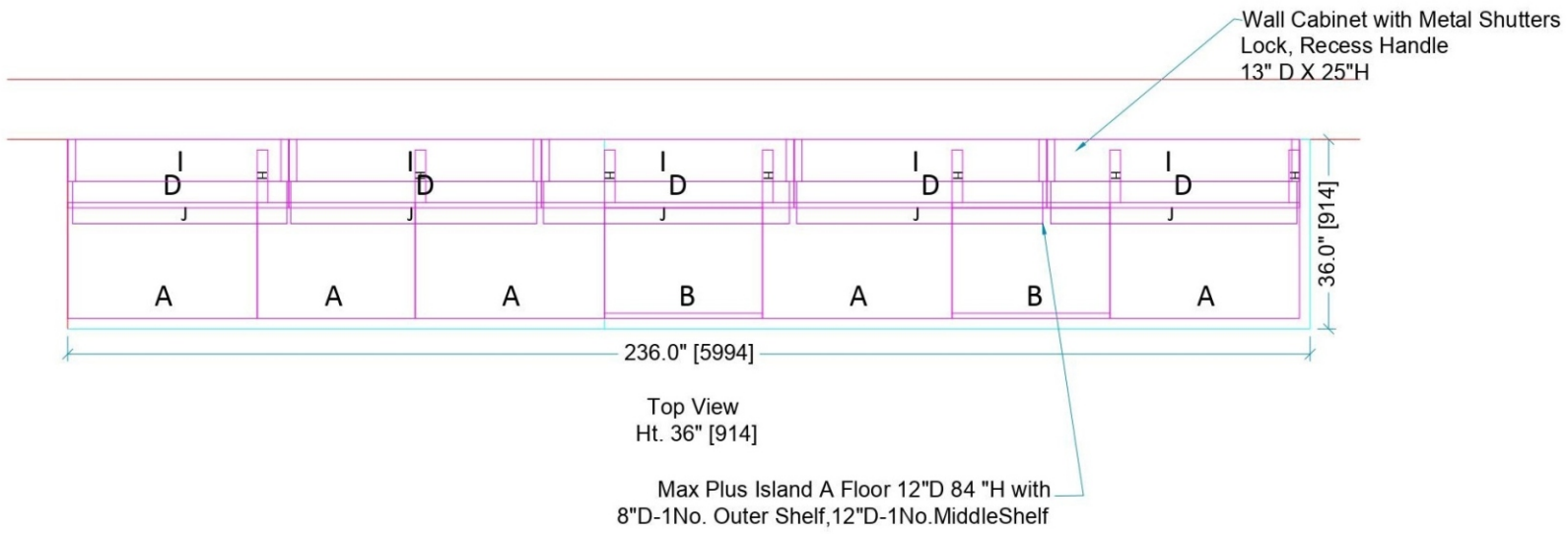
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E	- Support Leg
F	- Anti Vibration Table 30W 30D 36H[GraniteTop 596mmx672mm].
G	- Reagent Rack Double.
H	- Support For Granite.[254mm x 254mm]
I	- Adapter Series.
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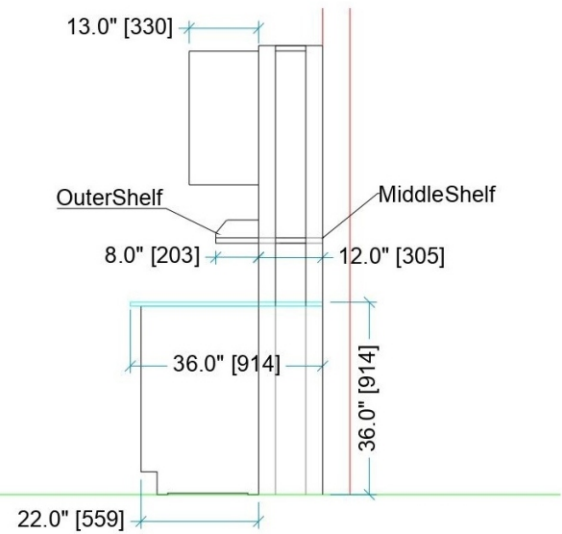
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REMARKS :-	
* All Dimensions are in Inch / m.m.	
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* Code ending with 'A' are Cabinet with Lock, Recess Handle. (e.g. BA5C30A)	
* All Sitting Casework Tops are Post Foamed melamine and others are Black Granite	
  - Metal Raceway 5"H x 5"D.	
  - 6/16A 3-Pin Socket & 16A MCB.	
 - Lan/Computer Socket RJ-45.	
 - Telephone Socket RJ-11.	
 - Black PP Sink Bowl Size 550 x 400 x 300D mm	
 - 1 Way Water Tap in Brass Bench Mounted.	

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Front View



Side View

Elevation View Cryocan Table