



Central University of Gujarat, Gandhinagar

Expression of Interest for “Modular Furniture for Laboratory” through E-procurement mode only

Tender No.: CUG/09/2017-18 Dated: 09/11/2017

Central University of Gujarat
Near Jalaram Mandir, Sector – 29,
Gandhinagar – 382 030
Tel: 079-23977409 Email:registrar@cug.ac.in

A	LAST DATE for receipt of Tender	:	01/12/2017 upto 15.00 hrs.
	Submission of Tender	:	<p>Both Technical Bid & Price Bid should be in separate cover with specification on the cover as “Technical Bid” as the case may be. Both the independent covers should be placed in one big cover and sealed with the superscription on the left hand side TENDER FOR SUPPLY OF “Modular Furniture for Research Laboratory” due on Date 01/12/2017 at 3 P.M. The tender cover should be sent to:</p> <p>The Registrar Central University of Gujarat, Gandhinagar. Near Jalaram Mandir, Sector - 29, Gandhinagar – 380 030.</p> <p>Right is reserved to ignore any tender which fails to comply with the above instructions. Tender should be sent to the REGISTRAR, Central University of Gujarat (Administrative Building) before 3 PM on due date 01/12/2017.</p>
			<p>The Tender document and details of terms and conditions can be downloaded from our website www.cug.ac.in and through e-procurement portal https://eprocure.gov.in/eprocure/app and can apply thorough e-procurement mode only.</p>
			<p>THE UNIVERSITY SHALL NOT BE RESPONSIBLE FOR THE LATE RECEIPT OF</p>

			TENDER ON ACCOUNT OF POSTAL OR ANY OTHER DELAY.
B	Earnest Money Deposit (EMD)	:	<ul style="list-style-type: none"> ➤ EMD of Rs. 1,00,000/- to be paid along with the tender in the form of DD or FDR only. ➤ Performance guarantee @10% of the equipment value quoted has to be submitted in addition to above EMD by way of DD or by bank guarantee by the successful bidder only from any nationalized banks. ➤ Demand Draft may be drawn in favour of “The Registrar, Central University of Gujarat, Gandhinagar” payable at Gandhinagar. ➤ The EMD should be put in a separate cover and should be enclosed in the technical bid cover only, else the bid is likely to be rejected due to non-enclosure of EMD. The EMD cover will be opened along with the commercial bid only after technical evaluation of the bids.
C	Marking on Technical Bid	:	<ul style="list-style-type: none"> ➤ For each item/configuration separate Technical Bid envelope should be used, if there are more than one item. ➤ The technical bid cover of the various items should clearly be marked as per the special instruction for two parts tender. ➤ The technical bid covers of the various items should be put into one big cover super scribed “Technical Bid”. ➤ All technical bid should have the page-wise heading as “Technical Bid” and page no. in all pages with seal and signature of authorized signatory. The total no. of pages should be mentioned at the last page of the documents. ➤ The bidder can use their own format.
D	Marking on Price Bid	:	<ul style="list-style-type: none"> ➤ For each item/configuration separate price Bid envelope should be used, if there are more than one item. ➤ The price bid cover of the various items should clearly be marked as per the special instruction for two parts tender. ➤ The price bid covers of the various items should be put into one big cover super scribed “price Bid”. ➤ All price bid should have the page-wise heading as “Price Bid” and page no. in all pages with seal and signature of authorized signatory. The total no. of pages should be mentioned at the last page of the documents. ➤ The bidder can use their own format.

	Guidelines for quoting rates in BOQ (E-procurement mode only)		<ul style="list-style-type: none"> ➤ Two Modular Laboratory are to be made, one at ground floor and one at first floor. Total price of one set is to be quoted in BASIC RATE (column M) of BOQ on CPP Portal. BOQ is uploaded on CPP portal, so that total cost for two set will be calculated at TOTAL AMOUNT (column BA).
E	Tender document fee	:	<ul style="list-style-type: none"> ➤ The tender document fee of Rs.1000/- (Non-refundable) should be drawn in the form of DD (obtained on or after the date of advertisement) in favour of “The Registrar, Central University of Gujarat, Gandhinagar/Ahmedabad” payable at Gandhinagar/Ahmedabad, and the same should be enclosed only in the technical bid cover. ➤ No separate tender documents will be issued by us. The same can be downloaded from our institute website: http://cug.ac.in
F	Contact Details		<ul style="list-style-type: none"> ➤ In case of any query please contact: Administration Department 07923977409 Email : registrar@cug.ac.in

1. Preparation of Tender:

- a) The Schedule to the Tender form should be returned intact whether you are quoting for any item or not. Pages should not be detached and when items are not being tendered for, the corresponding space should be defaced by some such words as 'not quoting'.
- b) In the event of space on the schedule form being insufficient for the required purpose, you have to submit the rates in the letter head of your company clearly mentioning S. No. and other relevant particulars. Each such additional page must be numbered consecutively, bear the Tender Number and be fully signed by you. In such cases reference to the additional pages must be made in the tender form.
- c) If any modification of the schedule is considered necessary, you should communicate the same by means of a separate letter sent with the Tender within due date.
- d) You should quote your product as per our specification requirements by mentioning our requirements and your offer side by side and the rate should be in total as per our requirements. We will not make any calculation if you have mentioned the rates of items separately.
- e) In case, your product specification does not exactly match our requirements, you may quote for your product, but you must highlight the deviation in specification point by point.
- f) If you need to add any item to your system in order to meet our specification requirements, you are required to quote for your basic system separately and also to quote the total value of the system including the option required to suit our requirements. Otherwise, your tender will not be considered at all.

- g) Wherever applicable you are required to clearly indicate the Part No. /Model No. /Brand Name etc. If such details are not included, it will be presumed that your offer is not for branded item, but for generic only, and compared accordingly.
- h) The offer/bids should be submitted in two bid system i.e. Technical Bid and Price Bid in a separate cover. The technical bid should consist of all technical details along with catalogue, commercial terms and conditions. Price bid should indicate item-wise price for all the items mentioned in the technical bid.
- i) The Technical bid cover will be first opened and evaluated. In the primary screening, technical bid of only those who satisfy the eligibility criteria will be evaluated. The Price bid of only those bidders whose technical bid is found to be technically adequate by the Committee will be opened.

2. Signing of Tender:

The Tender is liable to be rejected if complete information is not given therein or if the particulars and date (if any) asked for in the schedule to the Tender are not fully filled in or not duly signed/authenticated. Specific attention is drawn to the delivery dates and important conditions referred to in Annexure enclosed herewith. Each page of the tender documents required to be signed and bears the official seal of the tenderers.

3. Period for which the offer will remain open:

- (i) Firms tendering should note the period for which it is desired that their offers should remain open for acceptance. If the firms are unable to keep their offers open for the specified period they should specifically state the period for which their offers are being considered provided, however, the day up to which the offer is to remain open being declared closed holiday for the CUG, Gandhinagar, the offer shall remain open for acceptance till the next working day.
- (ii) Quotations qualified by such vague and indefinite expressions such as 'subject to immediate acceptance', 'subject to prior sale' will not be considered.

4. Opening of Tenders:

You are at liberty to be present or authorize a representative to be present at the opening of the tender at the time and date specified in the Schedule.

5. Prices:

The prices quoted must be net per unit shown in the schedule and must include all packing and delivery charges and other statutory levies. Price must be clearly shown in figures and worked in Indian currency. The prices quoted by the Tenderer should be inclusive of GST and other statutory levies (and should be clearly stated to be so) which will be paid by the Purchaser/if legally leviable at the rate ruling on the date of supply as specified in the Acceptance of Tender. The percentage of tax etc. included in the price should be indicated in clear terms. If the inclusive price is not given, we will treat your offered rate as inclusive rate and comparison be made with others. If at the time of comparison of your offer without taxes etc. is happen to be lowest, you are bound to supply as per the offered rate, i.e. without taxes etc.

6. Terms of Delivery:

Supply and Installation are required by date(s) specified in the Schedule of Tender. If, however, it is not possible for you to effect supply, installation and commissioning by the date(s), you should

specify the date(s) by which you can guarantee supply, installation and commissioning in the prescribed schedule to the Tender.

7. Right of Acceptance:

Central University of Gujarat, Gandhinagar-382030 does not pledge itself to accepting the whole or any part of the Tender or portion of the quantity offered.

8. Communication of Acceptance:

Acceptance by the Purchaser will be communicated by Post, if required, and the Company's acceptance communicated to us formally in writing. In case where acceptance is communicated by Speed Post, the formal Acceptance of Tender will be forwarded to you as soon as possible but the instructions contained in the Speed Post letter should be accepted upon immediately.

9. The Institute shall not be responsible for the late receipt of tender documents due to postal and or any other delay.

Registrar

<p>Central University of Gujarat, Gandhinagar - 382030 SCHEDULE TO INVITATION OF TENDER NO. <u>CUG/09/2017-18 dated 09/11/2017</u></p>	
LAST DATE & TIME FOR RECEIPT OF TENDER	01/12/2017 Time 3:00 PM
TIME & DATE OF OPENING OF TENDER	04/12/2017 Time 3:00 PM
In the event of the date of opening of tender being declared a closed holiday for the Central University of Gujarat, Gandhinagar the due date for opening will be following working day.	
The Tender shall remain open for acceptance/validity till: 120 days from the last date of submission of tender.	
As per the eligibility criteria and terms & conditions Special instructions for two parts tender and Bidder pre-qualification criteria and Technical specifications.	
IMPORTANT TO NOTE:	
<ol style="list-style-type: none"> 1. All tender documents should be filled in signed and returned. 2. Tenderer must state categorically whether or not his offer is exact to tender specifications and indicate deviations, if any failing which his offer will be ignored. 3. Your offer should be accompanied by catalogue of the equipment. 4. Delivery should be effected within the time frame. 5. FAX/Email/Telegram quotations will not be accepted. 	
NOTE: ONE AGENT CAN NOT REPRESENT FOR TWO SUPPLIERS OR QUOTE ON THEIR BEHALF AT ONE TIME IN THE SAME TENDER.	
Total inclusive price to be quoted should be in nearest Rupee (Supply and installation and commissioning at CUG, Gandhinagar).	
IMPORTANT CONDITIONS:	
The following instructions are to be followed meticulously FAILING WHICH YOUR OFFER WILL NOT BE CONSIDERED:	
1.	Please mention the Part No., Model No. & Make wherever required and also GST No and failing which your quotation will be rejected. All of your future correspondences including Invoices should bear the GST No.
2.	Withdrawal of a Model quoted is acceptable ONLY IF accompanied by a certificate from the manufacturer to that effect. Correspondence in this connection must be addressed to Registrar,

	CUG. The offer of higher configuration in lieu of withdrawal model will be accepted only if there is no change in the price offered.
3.	Quotations should be submitted in Arrack Sealed Cover (Sealing Wax). The quotation should be typed in the space provided in the downloaded format only. No manual entries are accepted and this will be rejected at the opening stage itself. Quotes given by the tenderers in their own format/letter heads will not be considered at all.
4.	Warranty should be in clear terms. Indicate price change (if any) for extra year warranty.
5.	No Advance Payment will be made. 100% Payment against Delivery after on satisfactory installation by the committee.
6.	You must give an undertaking to the effect that “in case of downward price movements during the period, the firm promises to pass on the advantage to CUG, Gandhinagar”. Your quotation will be summarily rejected, if the undertaking does not accompany the quotation.

Registrar

INSTRUCTIONS & SPECIAL CONDITIONS

(To be returned by Tenderer along with the Tender duly signed)

1.	CONDITIONS OF CONTRACT: Printed or cyclostyled or such terms and conditions of the tenderer, not appearing in the body of the tender will not be considered as forming part of the tender. Tenderer should quote on the basis of the conditions referred to in Para of the invitation to tender and tender papers. In case these terms and conditions are not acceptable to the tenderer, he should specifically state the deviation(s) there from in the body of the tender.
2.	DEVIATION FROM SPECIFICATIONS: It is in the interest of the tenderer to study the specifications in the tender schedule thoroughly before quoting so that, if any deviations are made by the tenderer, the same are prominently brought out in the body of the tender. If you need to add any optional items to your system in order to meet our specifications, you are requested to quote for the total including the option required to suit our requirements; otherwise, your tender will not be considered at all.
3.	PRICE: (i) Prices must be in Rupees and Paise including all statutory levies (ii) The unit prices should be for the same unit as indicated in the Schedule to tender enquiry and not for any other unit. (iii) Prices quoted should be for supply and installation in CUG, Gandhinagar. (iv) Discount, if any, should be indicated prominently. (v) Offers should normally be on firm price basis. If the tenderer cannot quote firm prices, variable prices with a ceiling have to be indicated. If the variation price be lower than the price stated in the quotation, the purchaser should have the benefit of lower price.
4.	TRANSIT INSURANCE: The Purchaser will not pay separately for Transit Insurance.
5.	PAYMENT: i. 100% Payment will be made only after completion of supply and installation of the systems to the entire satisfaction of the Purchaser. ii. No advance payment will be made.
6.	TENDERER SHALL SUBMIT ALONG WITH THIS TENDER: i. Submission of Income Tax clearance certificate is not required. However, they have to quote their PAN NO ii. Proof of having ISO 9002 or other equivalent certification given by appropriate authorities.(if any) iii. Proof of registration with GST authorities like registration number etc. in clear terms.
7.	EARNEST MONEY DEPOSIT (EMD) ➤ The Earnest Money will be returned to the unsuccessful tenderers after the final disposal of the tenders. EMD will not carry any interest. ➤ The EMD along with Performance Guarantee will be retained in the case of successful tenderers till the warranty period. ➤ EMD will not be waived under any circumstances. ➤ EMD will be forfeited in the case of non-execution of the order within the due date. ➤ Non submission of EMD will lead to rejection of tender at the opening stage itself.
8.	GUARANTEE: The tenderer has to declare that the goods sold to the buyer under this contract shall be of the best quality and workmanship and shall be strictly in accordance with the specifications. Tenderer should indicate the period for which the said goods/articles would continue to confirm to the specifications
9.	JURISDICTION: All questions, disputes, or differences arising under, out of or in connection with the contract, if concluded, shall be subject to the exclusive jurisdiction at Gandhinagar.

ACKNOWLEDMENT

It is hereby acknowledged that we have gone through all the points listed under “Instructions & Special Conditions” outlined above, and those in the accompanying note on “Important Conditions”, and we agree to abide by them under the penalty of permanent disqualification for Tender participation and for related penal actions for non-abidance of the conditions.

**SIGNATURE OF TENDERER ALONG WITH
SEAL OF THE COMPANY WITH DATE**

TERMS & CONDITIONS

1.	Validity	120 days from the last date of receipt of tender
2.	Service charges	Extra, if applicable
3.	Freight charges	Extra, if applicable
4.	Discount	Should be stated in clear terms / percentage of discount should be stated
5.	Warranty	One year warranty. The bidder should give minimum one year warranty. Additional warranty can be given as optional.
6.	Payment terms	May be stated clearly
7.	Delivery period	May be stated clearly
8.	AMC	May be stated clearly
9.	Any other details	Separate sheet may be attached.

Central University of Gujarat, Gandhinagar is wantend to renovate 02 research labs. These laboratories have to be furnished before occupancy. In this regard, we are inviting quotations for modular furniture. Modular furniture must meet the test specifications at par with standards. Requisite test and safety certificates must be provided along with the technical bid.

Quotations are requested to be submitted in sealed covers following two bid system (Technical & Price bid). The quotations should be addressed to

The Registrar

**Central University of Gujarat, Gandhinagar.
Near Jalaram Mandir, Sector - 29,
Gandhinagar – 380 030.**

The quotations should reach the above address on or before 01/12/2017

Other terms & conditions:

The supplied materials should be installed by the company.

- 1. Demonstration (wherever necessary) should be given by the technically trained people.**
- 2. List of references in India, where similar systems have been installed, must be provided and this will be taken very seriously while making the decision in awarding the tender.**
- 3. ONE YEAR WARRANTY should be given for all the supplied items.**
- 4. The supplied material should meet all the attached technical specifications.**

Please see the SPECIAL INSTRUCTIONS for tender process

SPECIAL INSTRUCTIONS FOR TWO PARTS TENDER

1. MANNER AND METHOD FOR SUBMISSION OF TENDERS

All tenders in response to this invitation shall be submitted in two parts in separate sealed envelopes. On top of the envelopes containing respective part, it should be indicated in bold letters:-

Part I (Technical Bid) see Annexure I and II

Part II (Price Bid) See Annexure III and IV

1.2 A. PART-I (Technical Bid)

This part of the tender shall include/contain all technical details, technical specifications, drawings and also the terms and conditions for the supplies to be made and the services to be rendered excluding any price details thereof.

PART-I (Technical Bid) should contain drawings for as per requirement of technical specifications, As per Annexure –I and II technical details, literature, quantities of the items required, manufacturing and delivery schedule, inspection/testing procedure itemized list of spares and quantity (without price), terms and conditions of payment, mode of dispatch, the quantum /percentage of statutory levies payable by the purchaser as extra and all related commercial terms and conditions for the supplies and for the by the tenderer. **The tenderer shall take special care not to mix up the price in this part of the tender.**

1.2 B. PART-II (PRICE Bid)

This part should contain only the prices of the offer for supply and the charges for the services to be rendered.

TECHNICAL CLARIFICATIONS

2.1 After opening the Part-I (Technical Bid) of the tender, if it becomes necessary for the technical authorities/user Department to seek clarification from the tenderers, the same will be sought from the tenderers by the technical authorities/user Department. In such an event, the tenderer shall- furnish all technical information/clarification to the concerned technical authority directly in the sealed envelope to reach on or before the due date, and time fixed by the technical authorities in an envelope indicating the purchaser's tender reference. If the technical clarification/details sought for by the technical authorities from the tenderer do not reach them on or before the due date and time fixed for its receipt, such tenders will be liable for rejection at the discretion of purchaser.

3 OPENING OF TENDERS

3.1. Part-I (Technical Bid) of the tender will be opened at the first stage on or after the due date.

The PartII (Price Bid) will be opened after scrutiny of Part-I (Technical Bid).

3.2. The qualified tenderers in Part-I (Technical Bid) will be intimated by e-mail or Letter, etc. to participate in the opening of the Part-II (Price Bid).

3.3. The tenders whose Technical Part (Part-I) are found suitable/acceptable to the Purchaser, will be given advance intimation by the Purchaser to enable such tenderers to depute their representative to participate in the opening of the Part-II (Price Bid) of the tender. The technically unqualified tenderers will neither be given any intimation about the due date and time for opening Part-II (Price Bid) of the tender nor will they be permitted to participate in the opening of the same. Part-II (Price Bid) of the technically disqualified tenders will not be opened.

Note:-

The vendor should make a presentation about their products and should display their product as mock-up, if called for.

BIDDER PREQUALIFICATION CRITERIA

The bidder shall furnish a covering page indicating item wise compliance to all the Prequalification criteria. Bidder Prequalification Criteria are as given below:

1.0 The Bidder shall have completed the following during the last 5 years ending the last day of the month, previous to this notification.

1.1 The bidder shall possess experience in supply and execution of laboratory internal infrastructure (mentioned below) on a turnkey basis for the scope of works, as stated below, with a single point responsibility during the last 5 years ending the last day of the month, previous to this notification.\

1) Lab furniture and accessories

It will be preferred that at least one contract should be in Govt. Institutions/any of Central PSU's / any of central Government/ autonomous bodies, the project should have operated successfully for at least one year prior to due date of submission. The bidder should produce the backup documents like Purchase Order, completion certificates, performance certificate from end user etc.

Three (3) similar contracts each costing not less than Rs. 25 Lakhs; Or
Two (2) similar contracts each costing not less Rs. 50 Lakhs; Or
One (1) similar contracts not costing less than Rs. 1 Crores

1.2

The bidder should have a well-established (their own) in house manufacturing unit for the Lab Furniture, Quality Management System as per International Standards providing the products and services on a continued basis for the last 5 years. The vendor shall possess the current / valid approval for such equipment manufacturing facility by a Statutory Certifying Authority, like Factory Inspectorate etc. A notarized copy of valid certificate needs to be enclosed.

1.3

The bidder shall possess the key professional staff of his organization of at least one with good knowledge of codes & standards.

The bidder shall have an annual financial turnover of not less than Rs. 1 Crores (Rupees Ten Crores only) during any of the last three financial years i.e. 2013-14, 2014-15 and 2015-16 (copy of proof be attached).

The bidder shall visit the site to understand the requirements of the project. The bidder shall study the scope in detail before submitting bid.

The bidder shall provide the complete documentary evidence for the following in support of bidder Pre-qualification Criteria.

For Clause no. 1.0, 1.1, 1.2, 1.3

1) Purchase Orders

- 2) Completion certificates and experience of performance for jobs, issued by the clients. 3) Experience details duly filled in following format.

S.No	Name of client	Name & location of the project	Brief description of project	Value of the project	Document submitted
					(PO copy & completion certificate)

Clause no. 2.0

Financial year	2013-14	2014-15	2015-16
Annual Turnover			

Audited balance sheets to be furnished for the above financial years.

In the event of the bidder not meeting all the pre-qualification criteria as given above, the Technical Committee shall have the right to reject the concerned bidder

Special Note to the Bidder:-

- The Bidder should be registered in India and should be a 100% subsidiary of the parent company, if applicable
- The qualifying firm should have offered services for the lab furniture products in India, as specified in the Make list, for a continuous period of 5 years or more.
- University, reserves the right to accept or reject any or all tenders without assigning any reason.

BID SUBMISSION PROFORMA

Tender No.

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

Dear Sir,

- 1. I/We hereby offer to quote for work as defined in tender document and the relevant Annexures at the quoted price given in the tender document Proforma and agree to hold this offer open till _____.**
- 2. I/We have understood and complied with all Terms and Conditions stipulated in the Tender Document necessary for submission of this bid. It is further stated that I/We have fully understood and Terms and Conditions in the Tender Document governing this contract and shall abide by them in toto, if awarded.**
- 3. The following pages have been added to and form part of this tender (if needed to be filled and added).**

Yours faithfully,

**Signature & Seal of Bidder
Address**

Dated:

Note: This form duly typed on the letter head of the bidder and duly signed should be returned forming Annexure-1 of this Bid document.

CHECK LIST

The bidders are advised in their own interest to ensure that the following points/aspects in particular have been complied with failing which the offer is liable to be rejected.

1. Please tick whichever is applicable and cross whichever is/are not applicable.
2. Please sign each sheet.
3. The check-list duly filled must be returned along with the offer.

Sl.No	Description	Bidders	Remarks.
1.	Tender Fees		
2.	Earnest Money deposit		
3.	copy of Annual Report (balance sheet and profit & loss account) of last 3 years duly attested by Chartered Accountant		
4.	Copy of completed work contracts alongwith scope of work in support of Eligibility Criteria.		
5.	Photocopy of Work Order/valid registration for Supply and Installation of modular furniture in at least one of the organizations if any e.g. PWD/CPWD, MES, BSNL, RAILWAYS, State Govt Org. Govt. Undertaking etc.		
6.	Photocopy of Registration certificate of TIN number issued by appropriate authority in favour of the tenderer.		
7.	Photocopy of GST certificate issued by appropriate authority in favour of the tenderer.		
8.	Photocopy of PAN Card issued by appropriate authority.		
9.	A self declaring certificate that the Agency/Firm has not been debarred from working in any Govt. institution/undertaking any where in the country.		
10.	Price Bid i) Typed ii) Handwritten		
11.	Preparation of bid (All the pages of tender document should be signed with stamp)		
12.	Bid Submission Proforma		
13.	Check List		
14.	Bidder's past work experience Proforma		
15.	Annual Turnover proforma		
16.	Authorization letter for attending Tender opening		
17.	Schedule of Work duly filled with quoted unit price and amount of each item both in figures and words.		

Signature & Seal of Bidder

AUTHORIZATION LETTER FOR ATTENDING TENDER OPENING

No.

Date

To,
The Registrar,
Central university of Gujarat
Gandhinagar - 382030

Subject: Tender No. _____ **Due on** _____.

Sir,

Mr/Ms has been authorized to be present at the time of opening of above tender on my/our behalf.

His/her attested signatures are as under:

Yours faithfully,
Signature & Seal of the Bidder

Part - 1

Technical Bid for Ground Floor

Lab furniture specification is as under:

Work Top:-

Made of (17 to 19mm) thick jet black granite top with chamfer molding at the front & grow at the bottom to avoid chemical spillage on the modules.

Material of Construction:-

Completely made of GI sheets

Module:-

Completely made of 1 mm G.I. sheets as per IS 277 standard. CRCA corrodes and hence not acceptable. The shutter & drawer front should be of sandwich construction. Foam sheet filled in shutter gaps is not allowed. The should deadening plastic bumpers to be corrosion resistance. Welding of modules is not acceptable. the shutter are mounted to the modules by hinges which are open able to 95 degree & self closing on return. Lockable roller bearing must used so that the drawer will not fall. The telescopic drawer slide which should be very sturdy & able to take load up to 30Kg. All modules to have lock and duel key arrangement. The lock ring should be plastic & not metal

Length: 450mm/600mm/750mm/900mm L (as per layout)

Depth : 500mm D

Height 675mm H Standing height (PEDSTAL FRAME Design)

Height 525 mm H Sitting Height (PEDSTAL FRAME Design)

Module Bottom Frame:-

Pedestal type made of E.R.W.M.S. Square Tubes 30x30mm thick & angles 25x25mm tick welded & finished with epoxy powder coating.

Powder Coating :-

Powder coating with 7 Tank chemical processes & with highly chemical resistance epoxy colors having dry film thickness of 60-80 microns.

Hinges, Lock & Slider:

We do provide the "Hattich / Hafele" German make Hinges, Lock & Sliders, to get the long life service.

Knee Space Area:-

Foot rest with open able back cover panel. it must be adjustable +_100mm.

Instrumentation and sitting area knee space need to be 600 or 750mm.

Reagent Rack:-

Island table: reagent rack will be of 300mmD X 600mmH

Side table reagent rack will be of 200mmD X 600mmH

Electrical Truncking:-

Island Table : Triangular Electrical Truncking of 100mmD X 100mmH

Wall Table: Triangular Electrical Truncking of 100mmD X 100mmH

Wiring will be electrical vendor scope.

Switch & Sockets:-

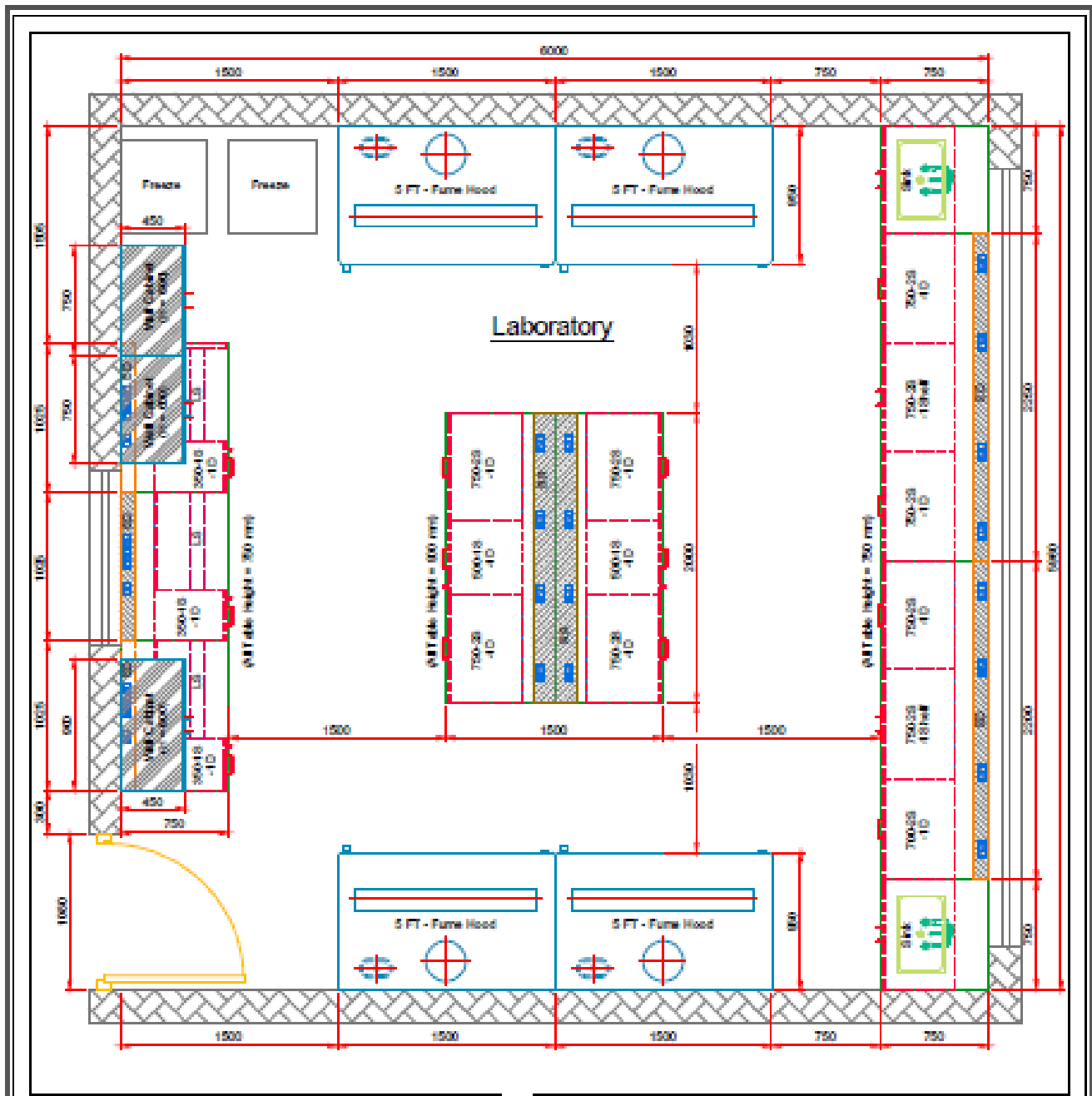
North –West /Norisys make : Electrical Socket with piano switch 5/15amp without wiring (Default specs)

LAN (Data) Points:-

North –West /Norisys make : RJ-45 type Data point fixed in electrical trucking.

VOICE(Telephone) Points:-

North –West /Norisys make : RJ-11 type Telephone point fixed in electrical Truncking.



GROUND FLOOR

Technical Bid for First Floor

Lab furniture specification is as under:

Work Top:-

Made of (17 to 19mm) thick jet black granite top with chamfer molding at the front & groove at the bottom to avoid chemical spillage on the modules.

Material of Construction:-

Completely made of GI sheets.

Module:-

Completely made of 1 mm G.I. sheets as per IS 277 standard. CRCA corrodes and hence not acceptable. The shutter & drawer front should be of sandwich construction. Foam sheet filled in shutter gaps is not allowed. The shutter should have deadening plastic bumpers to be corrosion resistance. Welding of modules is not acceptable. The shutters are mounted to the modules by hinges which are open able to 95 degree & self closing on return. Lockable roller bearing must be used so that the drawer will not fall. The telescopic drawer slide which should be very sturdy & able to take load up to 30Kg. All modules to have lock and dual key arrangement. The lock ring should be plastic & not metal

Length: 450mm/600mm/750mm/900mm L (as per layout)

Depth : 500mm D

Height 675mm H Standing height (PEDSTAL FRAME Design)

Height 525 mm H Sitting Height (PEDSTAL FRAME Design)

Module Bottom Frame:-

Pedestal type made of E.R.W.M.S. Square Tubes 30x30mm thick & angles 25x25mm thick welded & finished with epoxy powder coating.

Powder Coating :-

Powder coating with 7 Tank chemical processes & with highly chemical resistance epoxy colors having dry film thickness of 60-80 microns.

Hinges, Lock & Slider:-

We do provide the "Hattich / Hafele" German make Hinges, Lock & Sliders, to get the long life service.

Knee Space Area:-

Foot rest with open able back cover panel. it must be adjustable +_100mm.

Instrumentation and sitting area knee space need to be 600 or 750mm.

Reagent Rack:-

Island table: reagent rack will be of 300mmD X 600mmH

Side table reagent rack will be of 200mmD X 600mmH

Electrical Trunking:-

Island Table : Triangular Electrical Truncking of 100mmD X 100mmH
Wall Table: Triangular Electrical Truncking of 100mmD X 100mmH
Wiring will be electrical vendor scope.

Switch & Sockets:-

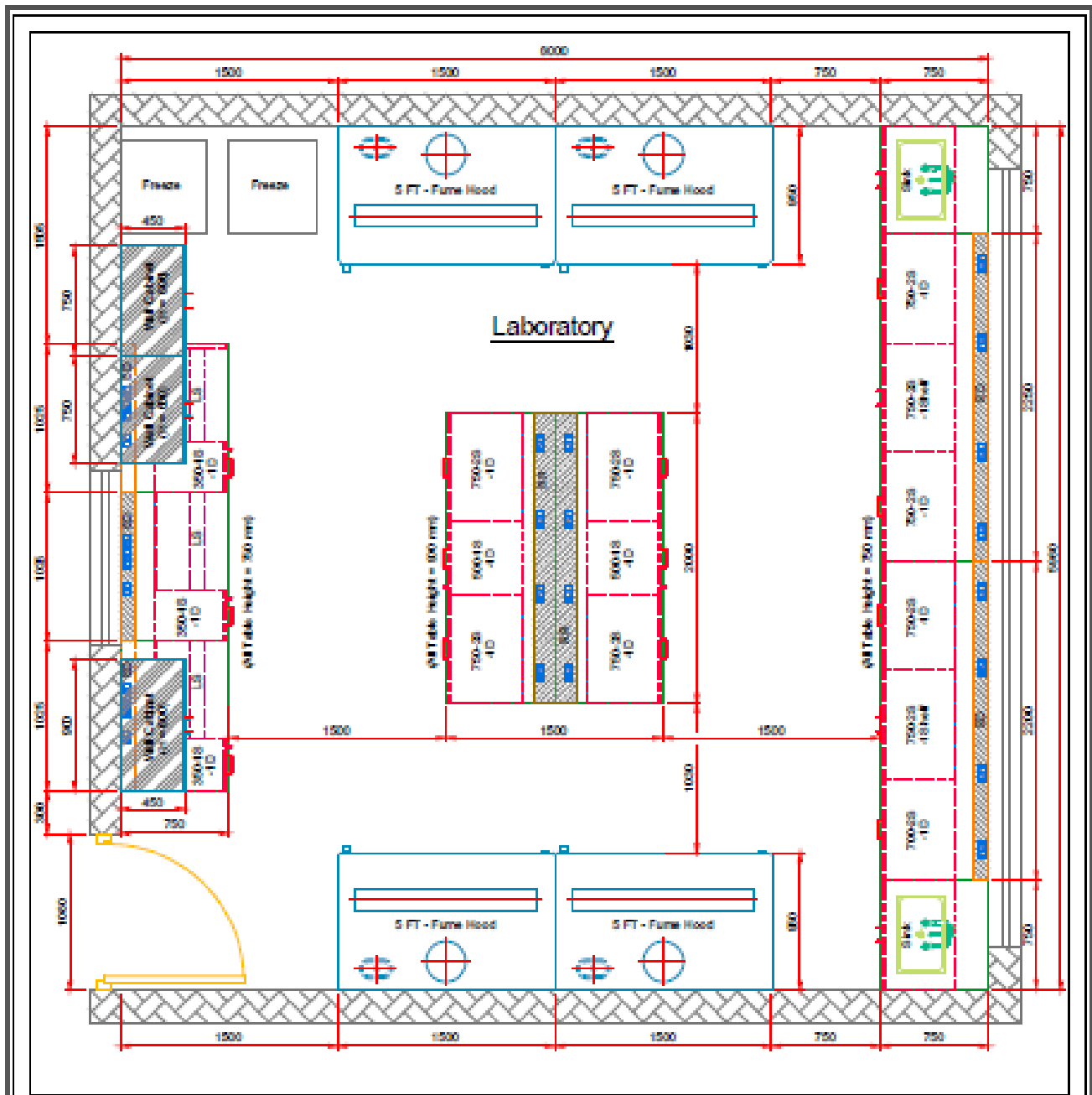
North –West /Norisys make : Electrical Socket with piano switch 5/15amp without wiring (Default specs)

LAN (Data) Points:-

North –West /Norisys make : RJ-45 type Data point fixed in electrical trucking.

VOICE(Telephone) Points:-

North –West /Norisys make : RJ-11 type Telephone point fixed in electrical Truncking.



First Floor Lab

Part - 2

Price Bid for Ground Floor Set - 01

Annexure-III

Ground Floor						
S.No.	ITEM	DESCRIPTION	UNIT	QTY	RATE	TOTAL RATE
		Laboratory				
1	A	INSTRUMENT TABLE				
2		Lab Table Height 750mm-				
3		Granite Worktop (17 to 19mm Thk.)	sq.ft.	50	Individual price are not to be quoted here.	Overall price to be quoted in BOQ in basic rate cell on CPP Portal. BOQ is uploaded on CPP portal.
4		Pedestal-Frame for Wall table-L-2250mm	No.	1		
5		Pedestal-Frame for Wall table-L-2200mm	No.	1		
6		Pedestal-Frame for Wall table-L-750mm	Nos	2		
7		750mm L storage module with One drawer Two shutter & One Shelf	Nos	3		
8		750mm L storage module with Two shutter & One Shelf	Nos.	2		
9		700mm L storage module with Two shutter & One Shelf	No.	1		
10		750mmL Sink module Two Shutter	Nos.	2		
11		Worktop mounted electrical raceway in GI construction	R.ft.	15		
12		Electrical sockets and switch / Tiny Trip	Nos	8		
13		Sink / Peg Board/Taps / Utility				
14		PP Sink 540mm x335mm x240mm	Nos.	2		
15		Three Way Water Tap-Gooseneck Type (Tof-Italy)	Nos	2		
16		Peg Board Big (21 Pegs.) MOC: PP	Nos	2		
17	B	WORKING TABLE				
18		Lab Table Height 750mm-				
19		Granite Worktop (17 to 19mm Thk.)	sq.ft	26		
20		Pedestal-Frame for Wall table-L-1025mm	No.	3		
21		350mm L storage module with One Shutter & One Drawer	Nos	3		
22		Leg Space with back panel:-675mm	Nos.	3		
23		Vertical panel:-730mm	No.	1		
24		Worktop mounted electrical raceway in GI construction	R.ft.	10		
25		Electrical sockets and switch / Tiny Trip	Nos	6		
26		Lan Point	Nos	3		
27		End Cover Panel For Wall bench-230mmL	Nos	4		
28	C	WALL STORAGE CABINET				

29		Wall Mounted Storage Cabinets (Float Glass Door) GI structure Two Shutter with One adjustable shelves Size:750mm L x 450mm W x 600 mmH	Nos	2
30		Wall Mounted Storage Cabinets (Float Glass Door) GI structure Two Shutter with One adjustable shelves Size:900mm L x 450mm W x 600 mmH	Nos	1
31	D	ISLAND TABLE		
32		Lab Table Height 900mm-		
33		Granite Worktop (17 to 19mm Thk.)	sq.ft.	33.5
34		Pedestal-Frame for Wall table-L-2000mm	Nos	2
35		750mm L storage module with Two Shutter & One Drawer	Nos	4
36		500mm L storage module with Two Shutter & One Drawer	Nos	2
37		End Cover Panel For Island bench	Nos	2
38		Reagent Rack/ Electric raceway / Switch/Sockets		
39		Reagent Rack:-2 Tier Structure with provision for Switch and socket Electrical Socket with MCB 5/15amp (NorthWest make)with wiring	Nos	8
40		Size:-2000mm L x 300mmW x 750mmH	Nos.	1
41	E	FUME HOOD		
42		Fume Hood (IFH-GI)- 5'-(FEET) for General Application GI-Construction	Nos.	4
43		[Overall Dimension] 1500mm-(W) X 950mm (D) X 2300mm (H)		
44		[Inner Dimension] 1300mm-(W) X 700mm (D) X 1250mm (H)		
45		Inner lining Phenolic-Resin 6MM Laminate sheet		
46		Exhaust Duction Dia-.200, Chemical Res. PP + FRP (3mm + 2mm) Ducting	Mtr.	2
47		Exhaust Duction Dia-.300, Chemical Res. PP + FRP (3mm + 2mm) Ducting	Mtr.	20
48		Bend 300MM- DIA PP+FRP 90 degree bend		6
49		DAMPER VALVE200MM- DIA DAMPER VALVE		4
50		CHIMNEY PP+FRP-Chimney	No.	2

51		Exhaust Blower 2000 CFM FOR 2 NO.5 FT FUME HOOD SISW- Blower with Aerodynamically Bal. PP Impeller 2000CFM With 2 HP Three PH Motor	No.	2		
Price Bid for First Floor Set - 1						
Annexure-IV						
First Floor						
S.No.	ITEM	DESCRIPTION	UNIT	QTY	RATE	TOTAL RATE
		Laboratory				
1	A	INSTRUMENT TABLE			Individual price are not to be quoted here.	Overall price to be quoted in BOQ in basic rate cell on CPP Portal. BOQ is uploaded on CPP portal.
2		Lab Table Height 750mm-				
3		Granite Worktop (17 to 19mm Thk.)	sq.ft.	50		
4		Pedestal-Frame for Wall table-L-2250mm	No.	1		
5		Pedestal-Frame for Wall table-L-2200mm	No.	1		
6		Pedestal-Frame for Wall table-L-750mm	Nos	2		
7		750mm L storage module with One drawer Two shutter & One Shelf	Nos	3		
8		750mm L storage module with Two shutter & One Shelf	Nos.	2		
9		700mm L storage module with Two shutter & One Shelf	No.	1		
10		750mmL Sink module Two Shutter	Nos.	2		
11		Worktop mounted electrical raceway in GI construction	R.ft.	15		
12		Electrical sockets and switch / Tiny Trip	Nos	8		
13		Sink / Peg Board/Taps / Utility				
14		PP Sink 540mm x335mm x240mm	Nos.	2		
15		Three Way Water Tap-Gooseneck Type (Tof-Italy)	Nos	2		
16		Peg Board Big (21 Pegs.) MOC: PP	Nos	2		
17	B	WORKING TABLE				
18		Lab Table Height 750mm-				
19		Granite Worktop (17 to 19mm Thk.)	sq.ft	26		
20		Pedestal-Frame for Wall table-L-1025mm	No.	3		
21		350mm L storage module with One Shutter & One Drawer	Nos	3		
22		Leg Space with back panel:-675mm	Nos.	3		
23		Vertical panel:-730mm	No.	1		
24		Worktop mounted electrical raceway in GI construction	R.ft.	10		
25		Electrical sockets and switch / Tiny Trip	Nos	6		
26		Lan Point	Nos	3		

27		End Cover Panel For Wall bench-230mmL	Nos	4
28	C	WALL STORAGE CABINET		
29		Wall Mounted Storage Cabinets (Float Glass Door) GI structure Two Shutter with One adjustable shelves Size:750mm L x 450mm W x 600 mmH	Nos	2
30		Wall Mounted Storage Cabinets (Float Glass Door) GI structure Two Shutter with One adjustable shelves Size:900mm L x 450mm W x 600 mmH	Nos	1
31	D	ISLAND TABLE		
32		Lab Table Height 900mm-		
33		Granite Worktop (17 to 19mm Thk.)	sq.ft.	33.5
34		Pedestal-Frame for Wall table-L-2000mm	Nos	2
35		750mm L storage module with Two Shutter & One Drawer	Nos	4
36		500mm L storage module with Two Shutter & One Drawer	Nos	2
37		End Cover Panel For Island bench	Nos	2
38		Reagent Rack/ Electric raceway / Switch/Sockets		
39		Reagent Rack:-2 Tier Structure with provision for Switch and socket .Electrical Socket with MCB 5/15amp (NorthWest make)with wiring	Nos	8
40		Size:-2000mm L x 300mmW x 750mmH	Nos.	1
41	E	FUME HOOD		
42		Fume Hood (IFH-GI)- 5'-(FEET) for General Application GI-Construction	Nos.	4
43		[Overall Dimension] 1500mm-(W) X 950mm (D) X 2300mm (H)		
44		[Inner Dimension] 1300mm-(W) X 700mm (D) X 1250mm (H)		
45		Inner lining Phenolic-Resin 6MM Laminate sheet		
46		Exhaust Duction Dia-.200, Chemical Res. PP + FRP (3mm + 2mm) Ducting	Mtr.	2
47		Exhaust Duction Dia-.300, Chemical Res. PP + FRP (3mm + 2mm) Ducting	Mtr.	20
48		Bend 300MM- DIA PP+FRP 90 degree bend		6
49		DAMPER VALVE200MM- DIA DAMPER VALVE		4
50		CHIMNEY PP+FRP-Chimney	No.	2
51		Exhaust Blower 2000 CFM FOR 2 NO.5 FT FUME HOOD SISW- Blower with Aerodynamically Bal. PP Impeller 2000CFM With 2 HP Three PH Motor	No.	2

Note: Two Modular Laboratory are to be made, one at ground floor and one at first floor. Total price of one set is to be quoted in BASIC RATE (column M) of BOQ on CPP Portal. BOQ is uploaded on CPP portal, so that total cost for two set will be calculated at TOTAL AMOUNT (column BA).