

# DEPARTMENT OF CHEMISTRY

RANCHI UNIVERSITY, RANCHI - 834008



Mobile : +91- 9431105591

Ref: PCH/1159/2017

Date: 21/02/2017

## NOTICE INVITING TENDER

Sealed tender in two bid systems (Technical & Financial) are invited from the reputed Agency or their authorized dealer for **Laboratories repair work and Procurement of new Equipment** in University department of Chemistry, Ranchi University, Ranchi.

Tender document may be obtain from office of the H.O.D University department of Chemistry, Ranchi University, Ranchi from 23-02-2017 to 16-03-2017 till 2 PM in all working days. The tender document cost non-refundable is Rs.5000/- (Rupees Five thousand only) in the shape of D.D. issued by any nationalized bank in favour of H.O.D University department of Chemistry, Ranchi University, Ranchi.

The sealed tender should be submitted till 16-03-2017 before 2.00PM in University department of Chemistry, Ranchi University, Ranchi and opened on 17-03-2017 at 11.30AM in the office of H.O.D University department of Chemistry, Ranchi University, Ranchi. The undersigned reserve the right to accept or reject any or all tender without assigning any reason.

Bid Reference No.	PCH/1159/17 Dated 21-02-2017
Price of Tender	5000/-
Bid Security Cost	50000/-
Date of Commencement of sale of Tender Documents	23-02-2017 to 16-03-2017 till 2 PM
Last Date & Time for submission of Bid	16-03-2017 before 2.00PM
Date & Time of opening of Bid (Technical)	17-03-2017 at 11.30AM
Address for Submission of Bid	The H.O.D University department of Chemistry, Ranchi University, Ranchi
Contact Person	The H.O.D University department of Chemistry, Ranchi University, Ranchi
Mobile No.	9431105591

*Rajesh Kumar*  
21/02/2017  
H.O.D

H.O.D University Department of Chemistry  
Ranchi University, Ranchi

*University Prof. & Head  
Department of Chemistry  
Ranchi University, Ranchi*

**UNIVERSITY DEPARTMENT OF CHEMISTRY**  
**RANCHI UNIVERSITY, RANCHI**

TENDER NOTICE NO. PCH/1159/17

Dated 21-02-2017

**B.O.Q**

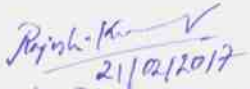
*Rajesh Kumar*  
21/02/2017  
University Prof. & Head  
Department of Chemistry  
Ranchi University, Ranchi

**UNIVERSITY DEPARTMENT OF CHEMISTRY**  
**RANCHI UNIVERSITY, RANCHI, JHARKHAND**

TENDER NOTICE NO.- PCH/1159/17 Dated - 21-02-2017

**1. Instruction for filling up the tender their terms and condition:**

- (a) Properly sealed tender should be submitted in the office of the undersigned either in person or by the registered post on or before 16-03-2017 by 2.00PM. Tender received after due date and time, what so ever be the reason, will be rejected / not accepted.
- (b) On the envelop, tender notice no. , due date, and department name must be prescribe/mentioned. If a group has sub section their separate sheet of paper should be used while quoting the rate for each subsection so that they can put in separate files for processing.
- (c) Photo copy of JST/CST/TIN/IT registration certificate must be submitted with the quotation along which the quotation will be liable to be rejected or will be rejected.
- (d) Typing errors or cutting must be supported by due initial with date. Non compliance or overwriting will lead to resection of quotation.
- (e) Income tax and sale tax clearing certificate must be enclosed with tender.
- (f) Price must be quoted F.O.R inclusive of all charges.
- (g) Price must be valid for a period of 6 months from the date of opening the tenders.
- (h) PAYMENT:- The institute will make full payment after the receipt of goods in good condition and certified by the concerning Head of the department.
- (i) Earnest money of 50000/- (Rs. Fifty thousands only) is to be deposited in the form of demand draft drawn any nationalized bank in favor of HOD University Department of chemistry along with tender.
- (j) The H.O.D University Department of Chemistry reserve the right to accept any tender it full or part or to reject any or all tenders without assigning any reasons what so ever.
- (k) Incomplete tender or tender received after due date will be rejected automatically.
- (l) At least one year onsite comprehensive warranty of all items supplied must be provided.

  
21/02/2017  
University Prof. & Head  
Department of Chemistry  
Ranchi University, Ranchi

(m) In case of any legal dispute, the jurisdiction will be under the court of Ranchi.

**2. Technical condition :-**

- (a) Documents in support of having experience in the field of scientific supplier.
- (b) Details profile of the agency.
- (c) The bidder shall have to provide income tax paid last financial year.
- (d) The bidder should have to declare the make.
- (e) The bidder should the Authorization from the manufacturer.
- (f) The bidder shall submit in item proprietary certificate, in case of proprietary items.
- (g) The bidders are requested to quote price of each items in the given list.

**3. Financial condition:-**

- (a) Earnest money of 50000/- (Rs. Fifty thousands only) is to be deposited in the form of demand draft drawn any nationalized bank in favor of HOD University Department of chemistry along with tender.

**4. Other Condition:-**

- (a) The seal tender bid should be received by Registered post/ speed post/ by hand.
- (b) The complete proposal along with relevant document and earnest money may be send to the undersigned by 16-03-2017 by 2.00PM. The proposals received after the due date and time shall not be entertained.
- (c) The bids shall be open on 17-03-2017 at 11.30AM. In the office of The HOD University Department of chemistry in front of the bidders or their authorized person (with valid authorization letter) to remain present during opening the bid. But it may be opened in absence of bidders/representatives at the specified date and time.
- (d) The successful bidder shall have to enter into an agreement with the HOD University Department of chemistry, R. U. Ranchi .
- (e) The bidder shall have to give Technical bid and Financial bid in two separate sealed envelope. The bidder who shall qualify in the technical bid only their financial bid shall be opened.
- (f) In case any dispute the appropriate court of Ranchi, Jharkhand shall be deciding authority.

*Rajiv K. Singh*  
21/03/2017  
University Prof. & Head  
Department of Chemistry  
Ranchi University, Ranchi

(g) Performa for submitting the financial bid.

Sl. No.	Name & Specification	Specification offered by the bidder/ manufacture make/model	Quantity	Unit price(Rs)

(h) Performa for submission of the technical bid.

Group :-----

Department :-----

Sl. No.	Name & Specification	Specification offered by the bidder/ manufacture make/model	Quantity	Deviation (If any)	Remarks

HOD  
HOD University Department of chemistry  
Ranchi University, Ranchi

*Rajesh Kumar*  
21/04/2017  
University Prof. & Head  
Department of Chemistry  
Ranchi University, Ranchi

## COMPLIANCE CERTIFICATE (CHECK LIST) FOR NIT TERMS

(To be enclosed in the Technical bid )

Sl. No.	NIT Terms and conditions	YES/NO
01.	Rate quoted	
02.	Validity of quoted rate (minimum for six month)	
03.	EMD submitted	
04.	Payment terms agreed	
05.	Delivery terms agreed	
06.	Warranty period agreed	
07.	Literature/Brochure provided	
08.	Dealership certificate (In case of dealer/agents provided)	
09.	After sale service provided	
10.	Manufacturing certificate	
11.	ISO Certificate	

Signature with Seal -----

Vendor : M/S-----

*Rajshankar*  
21/12/2017

University Prof. & Head  
Department of Chemistry  
Ranchi University, Ranchi

## List of Laboratories repair work and Procurement of new Equipment

Sl. No.	Description	Quantity
1.	Laboratory table –Steel Frame and granite top with storage capacity, In built water connection (complete set up with one sink, two Swan neck tap) , Gas connection(8 burner ), Electric connection, Reagent rack with complete accessories. (Standard make) size-8'x5'x3'	One Each
2.	Laboratory table –Steel Frame and granite top with storage capacity, In built water connection (complete set up with two sink, two Swan neck tap) , Gas connection(4 burner ), Electric connection, Reagent rack with complete accessories. Wall side. (Standard make) size- 8'x2'6''x3'	One Each
3.	Wooden Stool sunmica top for laboratory (Standard make)	2pcs
4.	Round Table (Standard make)	1pcs
5.	Master Chair (Standard make)	1pcs
6.	Visitors chair (Standard make)	2pcs
7.	Ceramic board scratch proof size 8'x4'(Standard make)	1pcs
8.	Fuming Hood (Standard make)	1pcs
9.	First aid kit (Standard make)	1pcs
10.	Fire extinguisher 2ltr (Standard make)	1pcs
11.	Reagent bin size 6'x4' wooden	1pc
12.	Exhaust fan of (Standard make)	2pcs
13.	Repair of old tables(size-8'x5'x3') and reagent almirah (6'x4')along with cupboards	One Each
14.	Polish/paint of above repairing items	One Each
15.	Muffle furnace 1200 <sup>0</sup> c (Standard make)	One Each
16.	Box furnace (Standard make)	One Each
17.	Hot air oven 18"x18"x18" (Standard make)	One Each
18.	Vertex shaker (Standard make)	One Each
19.	Digital potentiometer (Standard make)	One Each
20.	Digital Conductivity meter (Standard make)	One Each
21.	Digital pH meter (Standard make)	One Each

  
 21/01/2017  
 University Prof. & Head  
 Department of Chemistry  
 Ranchi University, Ranchi

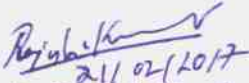
**PROPOSED PLAN FOR LABORATORIES IN THE UNIVERSITY**  
**DEPARTMENT OF CHEMISTRY, RANCHI UNIVERSITY, RANCHI**  
**PROCUREMENT OF EQUIPMENTS AND REPAIR WORKS**

**Technical Specification**

The steel frames, panels & shutters should be made from Premium Quality Steel. All cabinet bodies shall be of over closing design with fully knock down construction and having a main and add on construction to avoid any gaps in between two units. All units have interlocking type construction to form a rigid integral structure. Simultaneously, each unit should be removable in nature. The units are supported on wide base plastic legs of diameter 40 mm. Each unit has a locking .

*Following are the features of the Floor units:*

- a. **Surface Treatment:** The complete M.S. material of cabinet to be pre – treated and pure epoxy powder coated over acid proof granite top. The thickness of powder coat to be 45-50 microns, which passes the test of Salt Spray of 1000 hours and having the Scratch Hardness of 3Kgs.
  
- b. **Cabinet frame:** Frame with a combination of 1.2 mm horizontal stiffeners and 0.8 mm vertical panel of MS sheet.
  
- c. **Cover panels:** End side panel, false panel and back panel of 0.8 mm thick MS sheet.
  
- d. **Shelves and Drawers:** MS shelves have a load carrying capacity. The overall load carrying capacity of drawer is 40 kgs. of UDL for a pair of ball slide. Drawer and doors, when closed shall be over the closing on the cabinets
  
- e. **Handles:** Shall be of steel.

  
21/02/2017  
University Prof. & Head  
Department of Chemistry  
Ranchi University, Ranchi

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f. **Slides:** High precision Double Extension Ball slides which enable the drawer to open fully.

g. **Shutters:** Metal Shutters are double walled and made up of 0.8mm thick MS sheet with profil inserts and 45-50 microns pure epoxy powder coated.

h **Shelf supports:** Shelf support clips shall be nickel-plated steel.

i. **Legs:** All Legs to be made of plastic with a load carrying capacity of 450 kg each. All units to be on plastic legs for better clean ability of the lab area. Fully enclosed flush design will not be acceptable. Leg should be able to take care of unevenness of the floor.

j. **Support Bracket:** Vitrified ceramic /Reagent Support Brackets serve the purpose of supporting the vitrified ceramic with carrying the service lines. It is to be made of 2 mm MS sheet with epoxy powder coating.

**l. Configuration of Storage Units:**

The storage units should be available in three configurations:

i) Storage unit with one drawer, one/ two shutters shelf.

ii) Storage with one/two shutters shelf .

iii) Storage unit with 4 drawers

The number of each type of unit will vary for each lab and will be listed separately.

**Sink Units**

a) Ceramic sink: White colour with standard dimensions of 515 x 375 x 145 mm

b) Sink unit also has 1-way (Swan Neck) of Brass and with Epoxy powder coatings.

  
21/02/2017  
University Prof. & Head  
Department of Chemistry  
Ranchi University, Ranchi

## Reagent Shelves

Reagent Shelves to be of complete modular design consisting of horizontal 3 stage storage shelves. The end vertical support should be 0.9mm & horizontal shelves of 0.8mm thick M.S. Sheet. Each shelf should have a load carrying capacity of 30 kgs. of UDL for the length of 1000 mm. Each vertical panel shall be assembled with horizontal shelf. The complete M.S. material of cabinet to be pretreated and epoxy powder coated for better corrosion resistance. The thickness of powder coat to be 45-50 microns, which passes the test of Salt Spray for 1000 hours and having the Scratch Hardness of 3Kgs.

## Electrical Trucking(on reagent shelves or work benches)

Electrical trucking is made up of 0.8mm thick MS Sheet. The complete M.S. material of cabinet to be pre-treated and epoxy powder coated for better corrosion resistance. The thickness of powder coat to be 45-50 microns, which passes the test of Salt Spray for 1000 hours. The shape of the trucking should suit the area of requirement; either reagent shelf or simple work benches.

a) It should have a high temperature with standing capacity with excellent electrical insulation properties. The rear portion of above accessories which is in contact with live metal shall be made from thermo set material which should not melt on heating.

b) **Switches and Sockets (Havells/ Anchor make)** switch: 15A, 1P MCB & Socket: 15A 5-pin Industrial Plug with 15A 5-pin Industrial Socket. It should also impart excellent electrical insulation properties i.e. does not melt on heating or catches fire.

*Prakash Kumar*  
21/04/2017  
University Prof. & Head  
Department of Chemistry  
Ranchi University, Ranchi

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### Gas connection

Gas connection is made up of ½" thick MS pipe. The complete M.S. material of pipe to be pre-treated and epoxy powder coated for better corrosion resistance. The thickness of powder coat to be 45-50 microns, which passes the test of Salt Spray for 1000 hours.

### Fume Hoods

Supply and Installation of fume hood accessories like service outlets/fittings, electrical switches branded make . Fittings attached to the fume hood superstructure shall be mounted on the front facia of the hood.

  
21/02/2017  
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Department of Chemistry  
Ranchi University, Ranchi

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