



**UNIVERSITY OF CALCUTTA**  
OFFICE OF THE UNIVERSITY ENGINEER  
87/1, College Street  
Darbhanga Building, Ground Floor  
Kolkata-700073  
Website :-www.caluniv.ac.in

**NOTICE INVITING TENDER**

University of Calcutta invites **sealed** tender from resourceful and bonafide contractors for the following work

1.	<b>N.I.T. No:</b>	<b>Eng/CT- 240/22-23 Date: 28-06-2022</b>
2.	<b>Name of the work:</b>	<b><u>RENOVATION OF THE RESEARCH LABORATORY (ROOM NO 40&amp;41) OF PROF. SASANKA SEKHAR MOHANTA, DEPARTMENT OF CHEMISTRY AT 1<sup>ST</sup> FLOOR OF PALIT BUILDING OF RAJABAZAR SCIENCE COLLEGE.</u></b>
3.	<b>Estimated Cost put to Tender:</b>	<b><u>Rs. 495619.35(including GST)</u></b>
4.	<b>Earnest Money:</b>	A sum of 2% of the quoted amount in the form of <b>CTS</b> demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the successful bidder. In case of successful tender the EMD will be returned on application after an equal amount of security deposit is ducted by the University from the running bills. <b>EMD is not exempted in any case.</b>
5.	<b>Time of completion:</b>	45days
6.	<b>Eligibility Criteria and Documents to be submitted along with Application.</b>	Valid trade License , GST & PAN and credential for satisfactory completion of similar nature of job amounting 75 % of the estimated value in a single tender in the last three financial years in Government /Government Undertaking or University of Calcutta. Original documents may be asked for verification of technical checking on the date of issuing tender paper . Failing to produce original documents, the tender will be rejected.  The participant bidder must submit the following documents in sealed envelope in the tender box kept at the <b>Office of the Engineer at the Ground Floor of the Darbhanga Building, University of Calcutta, 87/1, College Street, Kolkata – 700073 within the last date of submission of the tender.</b> <ol style="list-style-type: none"><li>1. NIT documents duly filled and signed by the intending bidder.</li><li>2. Bank Draft for EMD in favour of the University of Calcutta.</li><li>3. Self-attested copy of Valid trade License , GST &amp; Pan and credentials for satisfactory completion of similar nature of jobs under Government, Government Undertaking and Universities etc. within last three years.</li><li>4. <b>Application through postal service or courier service is not accepted.</b></li></ol>
7.	<b>Last date of receipt of application for tender</b>	<b>On 05/07/2022 from 11AM to 4 PM (Must contain above mentioned document. The application duly signed by Engineer CU should be enclosed with tender documents.</b>
8.	<b>Last date of issue of tender papers</b>	TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)
9.	<b>Last Date and Time of tender Submission</b>	Dully filled and signed tender/quotation to be submitted on 08 / 07/ 2022 from 11am to 2.00 PM in to the Tender Box kept in the Office of the University Engineer.
10.	<b>Date and Time of Tender Opening</b>	At or after 08 / 07/ 2022 after 3 pm at the Office of the University Engineer. Intending bidders are requested to be present at the time of opening tenders/quotations.

**N.I.T no : Name of work and the date of opening should be written on the sealed envelope otherwise tender will not be opened and will be rejected.**

**The undersigned reserves the right to reject any or all Tenders without assigning any reason what so ever.**



## UNIVERSITY OF CALCUTTA

Name of the work:- RENOVATION OF THE RESEARCH LABORATORY(ROOM NO 40&41) OF PROF. SASANKA SEKHAR MOHANTA, DEPARTMENT OF CHEMISTRY AT 1<sup>ST</sup> FLOOR OF PALIT BUILDING OF RAJABAZAR SCIENCE COLLEGE.

N. I.T. no- Eng/CT- 240/22-23      Date: 28-06-2022

Name of Agency:-

Estimated cost Put to Tender:-Rs. 495619.35 (including GST)

Address of Agency:-

Rate quoted by Agency:- ..... (in figure and words)

Signature of the Agency with date & stamp:-



## UNIVERSITY OF CALCUTTA

N. I.T. no : Eng/CT- 240/22-23      Date: 28-06-2022

### GENERAL TERMS AND CONDITION

1. Eligible Tenders will have to download the tender papers from the website & drop the filled tender papers signed with seal and date at every page along with copy of Valid Trade license's, GST & PAN and Credential for satisfactory completion of similar nature of job amounting to at least seventy five percent of the job value in a single tender from any Government, Govt. undertaking or University of Calcutta in the last three financial year in sealed envelope in the Tender box kept in the Office of the undersigned with in the specified time mentioned in the NIT which will be opened by the undersigned or by his representative with in **the specified time and date mentioned in the NIT** The tendered must write the name of the work , NIT no , the date of opening and name of the bidder on the envelop failing which the tender will not be opened thus will be treated as cancelled.
2. The rate should be quoted after inspection of the site and inclusive of all incidental charges i.e. freight, insurances, labour insurances, handling charges, necessary government taxes, duties etc as well as the Water, Electricity charges which are to be paid as per rules .

3. The contractor shall be responsible to ensure compliance with the provision of minimum wages act 1948 as modified up to date and the rules made in respect of any employees, employed by the contractor directly or through the petty or subcontractor for the purpose of carrying this contract. The contractor shall be responsible for any damage, injury or loss caused by the work or workmen to any person, animal or material during the progress of work.

4. Liquidated damage will be charged to the contractor if they fail to complete the work within the stipulated time, 0.01% per day to a maximum limit of 10 % of the contract value .



5. The allotted time for completion of the work as specified in the NIT from the date of receipt of work order .Time is the essence of this contract. Normally no time extension will be granted. In case of prayer for extension of time the University authority has the full right reserved to grant it or discard it.

6.If the successful contractor's bid rate is 80% or less than the estimated amount put to tender the contractor will have to submit a Bank Guarantee amounting to 10% of the Tendered amount before issue of Work order failing which the EMD will be forfeited and the agency may be blacklisted. The Bank Guarantee should be valid till the end of the contract period and shall be renewed accordingly if required. This bank Guarantee is an Additional Performance Security .So provision of deducting Security deposit from bills will hold goods per relevant clause of the contract. The bank Gurrantee shall be returned immediately on successful completion of contract.

(b) The University authority will retain a sum amounting to 10% of the bill of the contract for a period of six months from the date of completion of work as **Security Deposit**. Which will be released after a period of six months from the date of completion of the work on application.

7. A sum of 2% of the quoted amount in the form of CTS demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the successful bidder. In case of successful tender the EMD will be returned on application after an equal amount of security deposit is ducted by the University from the running bills. EMD is not exempted in any case.The earnest money will be returned to unsuccessful tenderers on application after issue of work order to the successful bidder for

successful tenderer the EMD will be returned on application after an equal amount of security deposit is deducted from the running bills.

**Amount:-Rs**

**D.D No**..... Dated / /20

**Name of Issuing Bank:--**

**Branch :-**

**8.** Work is to be carried out as per specification laid in the B.O.Q or PWD specification as per instruction of the University Engineer or his representative.



**9.**The materials brought to site for execution of the work should by no means be taken out of site without the permission of the Engineer C.U.

**10.** The rates must be quoted in words in figure otherwise the tender will be cancelled.

**11.** The University will not be bound to accept the lowest bidder.

**12.**The University will not supply any materials to the contractor.

**13.** The contractor will work under the strict supervision of the Engineer/ Sub-Assistant Engineer. The estimate given along with the tender are provisional payment will be made on the actual work done jointly measured by the Engineer or his representative ( Sub-Assistant- Engineer) & the contractor or his representative. The contractor will have to submit bill in printed format in duplicate.

**14.** The contractor will have to take necessary instruction from the Engineer CU/ Sub-Assistant Engineer regarding the execution of work.

**15. Defect&liability Period:-**The defect & liability period will be for a period of six months from the date of completion of the job. Any defects pointed out during this period has to be mend good by the agency at their own cost failing which the retention money will be forfeited.

Name of the Agency:

Address :-

Signature of the Agency with date &amp; stamp:-

NIT No- Eng/CT- 240/22-23 Date: 28-06-2022

**SPECIFIC PRICE SCHEDULE FOR RENOVATION OF THE RESEARCH LABORATORY (ROOM NO 40&41) OF PROF. SASANKA SEKHAR MOHANTA, DEPARTMENT OF CHEMISTRY AT 1<sup>ST</sup> FLOOR OF PALIT BUILDING OF RAJABAZAR SCIENCE COLLEGE.**

SL.NO.	DESCRIPTION OF ITEM.	UNIT.	QUANTITY.	RATE.		AMOUNT.	
				RS.	P.	RS.	P.
1. (page11 Item10).	Stripping off worn out plaster and raking out joints of walls, ceilings etc. Up to any height and in any floor including removing rubbish within a lead of 75m as directed. 6.3X5.6=35.28 5.5X5.6=30.8 6.5X3.85=25.03	Sqm.	100.00	19.00		1900.00	
2. (page303 Item13).	Labour charge for removing furniture, chair, table etc. for executing work after complete the work re setting the same by labour.	Nos.	45.00	326.00		14670.00	
3. (page275 Item2A).	Stitching crack in brick wall by carefully cutting out face brick 125 mm. Deep into the wall, cleaning the gap and filling up the same with precast cement concrete block carefully set in cement mortar (1:3) including mending good damages and finishing the surface to match with adjacent areas complete as per direction. With reinforced cement concrete blocks (1:1½:3) with stone chips and nominal reinforcement. Block size 250 x 125 x 150 mm	Nos.	20.00	127.00		2540.00	

4. (page189 Item1).	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary. With 1:6 cement mortar 25 mm thick plaster	Sqm.	100.00	199.00	19900.00
5. (page45 Item8b).	Applying 2 coats of Non-Toxic Acrylic Polymer modified Paint having adhesive & waterproofing properties by mixing in proportion (1 liquid: 4 cementitious material) or as per manufacturer's specification for water proofing layer. 25% of item no 1	Sqm.	25.00	258.00	6450.00
6. (page40 Item27).	Cement concrete (1:1.5:3) with graded stone chips 5.6 mm size with hexagonal square mesh wire netting, I.R.C. fabric mesh or X.P. M. Fitted and fixed after tying the existing reinforcement on concrete without distributing the same and with proper scarping and cleaning the reinforcement and disturbed concrete with wire brush etc. After applying a coat of cement including the cost of wire netting I.R.C or X. P. M. & cost of all handling and scaffolding complete as per direction of Engineer-in-charge.	Sqm.	25.00	587.00	14675.00
7. (page45 Item8a).	Applying 2 coats of bonding agent with synthetic multi functional rubber emulsion having adhesive and water proofing properties by mixing with water in proportion (1 bonding agent : 4 water : 6 cement) as per Manufacturer's specification [Cement to be supplied by the Department]	Sqm.	100.00	88.00	8800.00
8. (page64 Item35).	Supplying, fitting & fixing 1 <sup>st</sup> quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. Of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc. 9.45x6.3=59.53	Sqm.	65.00	858.00	55770.00
9. (page157)	Providing and fixing of false ceiling with powder coated exposed G.I. grid				

Item2A).	suspension system (E-Grid T 2430 or equivalent load carrying capacity with mid span deflection not exceeding 1/360 span with hanger spacing of 1200mm c/c) consisting of Main Runner 3600 mm long, Cross Tee 1200 mm / 600 mm long and Wall Angle. The Wall Angle shall be fixed on PVC Dash Fasteners on the perimeter of the wall by steel screws with distance 300mm c/c. The Main Runners to be placed @ 1200 mm. The Cross Tee 1200mm will be inserted in the pre-cut slots of Main Runner at regular interval of 600 mm to form a modular grid of 1200mm X 600mm. Additional Cross Tees of 600 mm shall be placed perpendicular to the Cross Tee 1200 mm long to finally form a grid of 600 mm X 600 mm. Grid of module size 600 mm X 600 mm shall be supported by 6 mm dia G.I. wire from purlins / soffit. 6 mm thick High Pressure Steam Cured Non Asbestos Fibre Cement Standard Ceiling Board (Density > 1300 Kg/m <sup>3</sup> ) of size 595 mm X 595 mm, conforming IS 14862 & Type B Category III of ISO 8336, tested as per AS-1530 part 3 & BS-476 Part 4,5,6,7 & 8, should be placed in the Grid module to form a False Ceiling. All complete as per the drawing	Sqm	15.00	591.00	8865.00
10. (page303 Item5).	Labour charge for carpenter of repairing damaged door and window, table, chair. Etc.	Nos.	20.00	326.00	6520.00
11. (page99 Item1).	M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required				



	for the work including all incidental chages such as electricity charges, labour insurance charges etc. 25x2.5x0.075x0.01x7850=367.97	Kg.	370.00	59.12	21874.40
12. (page233 Item1).	Supplying profiles of required section made of Aluminium Alloy Extrusions conforming to IS: 732-1983 and IS: 1285- 1975; Annodized (with required film thickness and specified colour / natural) matt finished conforming to IS: 1868-1983 for fabrication of composit door, sliding & casement windows, partitions, formed of basic sections of any ISI embossed / certified make and brand as per direction of Engineer – InCharge. Fixed glazing. Top, bottom and side member. 4x7.5=30.00 2x4x3.3=26.4 4x5.5=22 Mullion 2x5x3.3=33 Glazing clip 2x26x2(1.0+1.0)=208.00	Mtr.	80.00	321.00	25680.00
		Mtr.	34.00	339.00	11526.00
		Mtr.	210.00	50.00	10500.00
13. (page239 Item2).	Labour charge for fabrication and installation of composite door, window, partitions made from 9eparate extruded alloy aluminium sections for the Fixed glazing. 7.5x3.3=24.75 5.5x3.3=18.15	Sqm.	44.00	768.00	33792.00
14. (page243 Item9).	Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987. 6mm thick coloured / tinted / smoke glass. 26x1.0x1.0=26.00	Sqm.	26.00	661.00	17186.00
15. (page172 Item1).	Wall panelling / partition with Melamine faced 3 layered flat pressed wood particle board of approved make and brand as per direction of Engineer – in – Charge of requisite grade bonded with phenol formaldehyde synthetic resin conforming to IS: 848 – 1974 (excluding the cost of supporting frame work and teak wood battens / lipping) 12x1.0=12.00	Sqm.	12.00	655.00	7860.00
16. (page62 Item32).	Supplying, fitting & fixing granite slabs 15mm to 18 mm. Thick with uniform texture & without decorative veins in columns, wall, facia etc. with 15 mm				

	thick [avg] cement mortar (1:2) including making suitable arrangements to hold the stones properly by brass / copper hooks including pointing in cement mortar (1:2) (1 white cement : 2 marble dust) with admixture of pigment matching the stone shades all complete as per direction of the Engineer-in-charge including cost of all materials, labours, scaffolding, staging ,curing and roughening of concrete surface complete. Area of each Granite slab > 0.6 upto 1.0 square metre.	Sqm.	10.00	2317.00	23170.00
17. (page212 Item21).	Supplying, fitting & fixing UPVC pipes A- Type and fittings conforming to IS:13592-1992 with all necessary clamps nails, including making holes in walls, floor etc. cutting trenches in any soil through masonry concrete structures etc if necessary and mending good damages including joining with jointing 10eparatel (Spun Yarn, Valamoid/Bitumen/M-Seal etc) complete. 75 mm	Mtr.	16.00	188.00	3008.00
18. (page204 Item5).	Rendering the surface of walls and ceiling with white cement based wall putty of approved make and brand(1.5mm thick) $2(9.45+6.3)5.6=176.4$	Sqm.	180.00	110.00	19800.00
19. (page24 Item5).	Controlled Cement concrete with well graded stone chips (20 mm graded nominal size) excluding shuttering and reinforcement with complete design of concrete as per IS : 456 and relevant special publications, submission of job mix formula after preliminary mix design after testing of concrete cubes as per direction of Engineer-in charge. Consumption of cement will not be less than 300 Kg of cement with Super plasticiser per cubic meter of controlled concrete but actual consumption will be determined on the basis of preliminary test and job mix foomula. In ground floor and foundation. [using concrete mixture] M 20 Grade.	Cum.	2.00	4578.00	9156.00
20. (page195 Item7).	Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Distemper/				

	Acrylic emulsion paint including scraping and preparing the surface 11eparately, complete as per manufacturer's specification and as per direction of the EIC.	Sqm.	240.00	33.70	8088.00
21. (page196 Item10).	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothing of surface.	Sqm.	240.00	70.00	16800.00
22. (page200 Item1).	Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering . Pan door2x1.5x3.6x2.6=28.08 Window-2x1.5x1.8x2=10.8 Lab table-5x2x2(2.8+1.0)1.0=76.00 5x2.8x1.0=14.00 Skirting-2(9.45+6.3)0.2=6.3	Sqm.	140.00	38.00	5320.00
23. (page200 Item2).	Painting with best quality synthetic enamel paint of approved make and brand including smoothing surface by sand papering etc. including using of approved putty etc. on the surface	Sqm.	140.00	79.00	11060.00
24. (page2 Item1).	Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. Socket, bend, tee, union, cross, elbo, nipple, longscrow, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for 11eparately11, specials. Payment for painting will be made 11eparately). 15 mm medium quality.	Rmt.	20.00	192.00	3840.00
25. (page173 Item2).	Supplying, fitting and fixing boiling water proof ply conforming to IS: 710-1977 bonded with phenol formaldehyde synthetic resin conforming to IS: 848-1974 of approved make and brand fitted and fixed as per design as per approval and direction of Engineer-in-Charge.				

	[excluding the cost of supporting frame work and teak wood batten/Lipping]	sqm.	20.00	1122.00	22440.00
26. (page180 Item18).	Partition of teak veneer [1 mm] as per design fitted and fixed complete (excluding the supporting frame work & necessary teak wood battens): In ground floor	Sqm.	20.00	465.00	9300.00
27. (page41 Item2).	Supplying fitting and fixing white vitreous china best quality approved make wash basin with c.i. brackets on 75x75 mm wooden blocks, C.P. waste fitting of 32mm dia, one approved quality brass C.P. pillar cock of 15 mm dia C.P. chain with rubber plug of 30 mm dia. 550mm x 400mm	Nos.	2.00	2208.00	4416.00
28. (page12 Item13).	Removal of rubbish,earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge.	Cum.	10.00	166.00	1660.00
29. (page202 Item11).	French polishing to wood work including preparing surface (ordinary gloss)	Sqm.	25.00	538.00	13450.00

**ESTIMATED COST-----RS.420016.40**

**G.S.T @ 18 %-----RS.75602.95**

**TOTAL-----RS.495619.35**

**Name of the Agency**

**Address of the Agency**

**Rate quoted by the Agency**

**Signature of the Agency with date**

