



**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.	N.I.T. No	:	Eng /CT-42/20-21 Dated : 09.09.2021
2.	Name of Work	:	<b>RENOVATION OF THE RESEARCH LABORATORY (ROOM NO 39) OF DR. KAMALIKA SEN OF CHEMISTRY DEPARTMENT AT 1<sup>ST</sup> FLOOR OF PALIT BUILDING AT RAJABAZAR SCIENCE COLLEGE.</b>
3.	Estimated Cost put to Tender	:-	Rs. 414231.00 /- (Excluding G.S.T) GST to be paid extra as applicable
4.	Earnest Money Deposit(EMD)	:-	A sum of 5% 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.	Bid validity period	:	<b>60(sixty) days after opening of the tender.</b>
6.	Time of completion	:-	<b>60 days</b>
7.	Eligibility Criteria and Documents to be submitted along with Application.	:-	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></ol> <b>Application through postal service or courier service is not accepted.</b>
	Last date of receipt of application for tender		<b>On 15 / 09 / 2021 from 11 am to 4 pm (Must contain above mentioned. Documents. The application duly signed by Engineer CU should be enclosed with tender documents.</b>
8.	Last date of Sale/ issue of tender papers	:	<b>20 / 09 / 2021 (TO BE DOWNLOADED FROM WEBSITE .(www. caluniv.ac.in)</b>
9.	Last Date and Time of tender Submission	:-	<b>Dully filled and signed tender/quotation to be submitted on 20 / 09/ 2021 from 11am to 2.00 PM in to the Tender Box kept in the Office of the University Engineer</b>
10.	Date and Time of Tender Opening.	:-	<b>At or after 20 / 09/ 2021 from 11am to 2.00 PM at the Office of the University Engineer. Intending bidders are requested to be present at the time of opening tenders/quotations.</b>

**N.B:**

- (i) N.I.T /NIQ no ,Name of work, name of the bidder and the date of opening tender/quotation should be written on the sealed envelope, failing which the tender/quotation will not be opened and thus cancelled.  
(ii)The undersigned reserves the right to reject any or all Tenders/quotations without assigning any reason what so ever.

UNIVERSITY ENGINEER (C.U)



**Name of the work:-RENOVATION OF THE RESEARCH LABORATORY(ROOM NO 39) OF DR. KAMALIKA SEN OF CHEMISTRY DEPARTMENT AT 1<sup>ST</sup> FLOOR OF PALIT BUILDING AT RAJABAZAR SCIENCE COLLEGE**

**N. I.T.no-** Eng /CT-42/20-21

**Dated :** 09.09.2021

**Estimated cost Put to Tender:-Rs. 414231.00**

**Name of Agency:-**

**Address of Agency:-**

**Rate quoted by Agency:-** ..... ( %)  
**Percent Above / At par / Below**

**Signature of the Agency with date & stamp:-**



# UNIVERSITY OF CALCUTTA

**N. I.Tno- Eng /CT-42/20-21**

**Dated : 09.09.2021**

## TENDER AND CONTRACT FOR WORK

### GENERAL TERMS AND DIRECTION FOR THE GUIDANCE OF CONTRACT

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 upto 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. **Time Extension:** The allotted time for completion of the work is 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.



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

6. **Earnest Money Deposit** : Depending on the type of goods to be purchased or work to be done, Earnest Money Deposit (EMD), also known as Bid Security, may be obtained from the bidders - except those who are registered with National Small Industries Corporation (NSIC) or MSME to safeguard against a bidder withdrawing/altering his bid during the bid validity period. The bidders are required to furnish Earnest Money Deposit (EMD) along with their bids. Amount of Earnest Money Deposit (EMD) should be five per cent of the estimated value of the goods to be purchased or work to be done.

The Earnest Money Deposit (EMD) may be accepted in the form of Account Payee Demand Draft, Banker's Cheque or a Bank Guarantee in acceptable form from any of the Nationalised Banks, safeguarding the purchaser's interest in all respects. The Earnest Money Deposit (EMD) shall remain valid for a period of sixty days beyond the final tender validity period. The Bid Validity Period may be extended if required.

7. **Refund of Earnest Money Deposit (EMD)**: Earnest Money Deposit (EMD) furnished by all unsuccessful bidders should be returned to them without any interest whatsoever, at the earliest after the expiry of the final bid validity period but not later than forty five days after the award of the contract. Earnest Money Deposit (EMD) of the successful tenderer should be returned, without any interest whatsoever, after receipt of performance security from him as stipulated in the contract.

8. **Forfeiture of Earnest Money Deposit (EMD)**: Earnest Money Deposit (EMD) of a tenderer shall be forfeited, if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of his tender. Further, if the successful tenderer fails to furnish the required performance security within the specified period, his Earnest Money Deposit (EMD) shall be forfeited.

9. **Performance Security**: To ensure due performance of the contract, performance security is to be obtained from the successful bidder awarded the contract except those who are registered with National Small Industries Corporation (NSIC). Performance Security should be of an amount of ten per cent of the value of the contract. Performance Security should be furnished in the form of an Account Payee Demand Draft, or Bank Guarantee from a Nationalised Bank in an acceptable form safeguarding the purchaser's interest in all respects. Performance Security is to be furnished within twenty one days after notification of the award of contract and it should remain valid for a period of sixty days beyond the date of completion of all contractual obligations of the supplier, including warranty obligations.

10. **Refund of Performance Security**: Performance Security should be refunded to the supplier without any interest, whatsoever, after he duly performs and completes the contract in all respects but not later than sixty days of completion of all such obligations under the contract.

11. **Forfeiture of Performance Security**: Performance security is to be forfeited and credited to University of Calcutta in the event of a breach of contract by the tenderers, in terms of the relevant contract.

12. **Verification of the Bank Guarantees:** Bank Guarantees submitted by the tenderers as Earnest Money Deposit

(EMD)/Performance Security need to be immediately verified from the issuing bank before its acceptance, through written communication.



13. 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 Guarantee shall be returned immediately on successful completion of contract.

14. **Security Deposit:** 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.

**15. EMD and Performance security should be paid in favour of UNIVERSITY OF CALCUTTA payable at Kolkata. EMD must be attached with the tender in sealed envelope, failing which the tender will be treated as cancelled.**

16. EMD Amount:-Rs

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

Name of Issuing Bank:--

Branch :-

17. 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.

18. 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.

19. The rates must be quoted in words and in figure, otherwise the tender will be cancelled.

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

21. The University will not supply any materials to the contractor.



22. 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 .

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

24. Defect& liability Period :-The defect & liability period will be for a period of 6(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 his/her own cost, failing which the retention money will be forfeited.

**25. After issuing the work order to the successful tenderer, if he fails to commence the work or unable to complete the work, then the EMD /Performance security amount of the said tenderer will be forfeited and no claim will be entertained.**

Sd/-

University Engineer

Name of the Agency:

Address :-

SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE:



NIT No- Eng /CT-42/20-21

Dated : 09.09.2021

**SPECIFIC PRICE SCHEDULE RENOVATION OF THE RESEARCH LABORATORY(ROOM NO 39) OF DR. KAMALIKA SEN OF CHEMISTRY DEPARTMENT AT 1<sup>ST</sup> FLOOR OF PALIT BUILDING AT 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. $2(9.45+6.25)2.1=65.94$ $9.45 \times 6.25=59.06$	Sqm.	125.00	19.00		2375.00	
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.	15.00	326.00		4890.00	
3. (page10 Item1).	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. $6.25 \times 9.45 \times 0.035=2.07$	Cum.	2.10	497.00		1043.70	
4. (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	
6. (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.	125.00	199.00		24875.00	



7. (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. 6.25x5.85=36.56 1.5x2x5.85=17.55	Sqm.	60.00	258.00	15480.00
8. (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.	60.00	587.00	35220.00
9. (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.	Sqm.	65.00	858.00	55770.00
10. (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 partition Top, bottom and side member. 3x2x3.65=22.90 4x2x4.88=39.04 Intermediate member 4x3x4.88=58.56 4x3x3.65=43.8	Rmt.	62.00	321.00	19902.00

	Glazing clip. 4x2x12x2(0.9+0.9)=346.00	Rmt. Rmt.	102.00 346.00	339.00 50.00	34578.00 17300.00
11. (page239 Item2).	Labour charge for fabrication and installation of composite door, window, partitions made from 10nodized extruded alloy aluminium sections. Partly glazed partly panelled or fully glazed single leaf aluminium swing door made of extruded and 10nodized alloy aluminium sections, fabrication including cutting to proper shape and size, drilling and aligning, fitted with heavy duty hydraulic action floor spring placed in the floor with mending damages,with top pin assembly of approve make and brand, fitted with in built locking arrangement, flush bolt, glazing clips and all other necessary fittings, fixtures, adhesives and joineries, cutting glass of approved make to requisite shape and size fitting with dry set neoprene or EPDM gasketing, cutting to requisite shape and size panel board (prelaminated particle block) fixing them with glazing clips as per drawing, specification and direction of Engineer in charge. (4.88+11.00)x2.4=38.11				
		Sqm.	40.00	1281.00	51240.00
12. (page243 Item9).	Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987. 5 mm thick.	Sqm.	15.00	585.00	8775.00
13. (page-42 Item-5).	Supplying, fitting and fixing White Vitreous China Sink in position on C.I. brackets including two coats of painting of brackets. Including all fittings etc  610 mm X 450 mm X 250 mm	Nos.	2.00	6534.00	13068.00
14. (page157 Item2A).	Providing and fixing of false ceiling with powder coated exposed G.I. grid 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	20.00	591.00	11820.00
15. (page303 Item5).	Labour charge for carpenter of repairing damaged door and window, table, chair. Etc.	Nos.	15.00	326.00	4890.00
16. (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. 40x2.15x0.075x0.01x7850=379.74kg.	Kg.	510.00	59.12	30151.20
17. (page204 Item5).	Rendering the surface of walls and ceiling with white cement based wall putty of approved make and brand(1.5mm thick)	Sqm.	190.00	110.00	20900.00
18.	Applying Interior grade Acrylic Primer				

(page195 Item7).	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 thoroughly, complete as per manufacturer's specification and as per direction of the EIC.	Sqm.	240.00	33.70	8088.00
19. (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
20. (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 door-2x1.5x3.6x2.6=28.08 Joist-3x5.7x0.975=16.67 Flat pati-10x9.45x0.075=7.08	Sqm.	60.00	38.00	2280.00
21. (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.	60.00	79.00	4740.00
22. (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, long screw, 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 accessories, specials. Payment for painting will be made separately). 15 mm medium quality.	Rmt.	20.00	192.00	3840.00
23. (page41 Item2).	Supplying, fitting and fixing white vitreous china best quality approved make wash basin with C.I. brackets on 75 mm X 75 mm wooden blocks, C.P. waste fittings of 32 mm dia., one approved quality brass C.P. pillar cock				

	of 15 mm dia., C.P. chain with rubber plug of 30 mm dia., approved quality P.V.C. waste pipe with C.P. nut 32 mm dia., 900 mm long approved quality P.V.C. connection pipe with heavy brass C.P. nut including mending good all damages and painting the brackets with two coats of approved paint.	Each.	2.00	2208.00	4416.00
24. (p-278 i-9)	Labour for propping up overhead members as a precautionary measure against falling as directed with necessary planks, Eucalyptus props, packing nails, wire ropes, iron wires etc. including hire charges of all materials fitting, fixing dismantling and removing the props etc and all ancillary works in this connection complete. 6.25x9.45x5.85=-	cum	350.00	55.00	19250.00

**ESTIMATED COST-----RS.414231.00**

Name Of The Agency:

Address Of The Agency:

Rate quoted by the Agency: ..... (.....%)  
 Percent Below/ At Par/ Above



UNIVERSITY ENGINEER (C.U)