



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- 90 /22-23 Date: 06-05-22
2.	Name of the work:	<u>RENOVATION OF COMPUTER LABORATORY(ROOM NO-CT 201) AT FIRST FLOOR OF APPLIED CHEMISTRY BLDG. OF CHEMICAL TECHNOLOGY DEPARTMENT OF RAJABAZAR SC.COLLEGE</u>
3.	Estimated Cost put to Tender:	<u>Rs.497749.05 (Including GST)</u>
4.	Earnest Money:	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 deducted by the University from the running bills. EMD is not exempted in any case.
5.	Time of completion:	45days
6.	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 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. <ol style="list-style-type: none">1. NIT documents duly filled and signed by the intending bidder.2. Bank Draft for EMD in favour of the University of Calcutta.3. Self-attested copy of Valid trade License , GST & Pan and credentials for satisfactory completion of similar nature of jobs under Government, Government Undertaking and Universities etc. within last three years.4. Application through postal service or courier service is not accepted.
7.	Last date of receipt of application for tender	On 11/05/2022 from 11 am to 4 pm (Must contain above mentioned Documents.) The application duly signed by Engineer CU should be enclosed with tender documents.
8.	Last date of issue of tender papers	TO BE DOWNLOADED FROM WEBSITE. (www. caluniv.ac.in)
9.	Last Date and Time of tender Submission	Dully filled and signed tender/quotation to be submitted on 18 / 05/ 2022 from 11 am to 2.00 PM in to the Tender Box kept in the Office of the University Engineer
10.	Date and Time of Tender Opening	At or after 3.00 PM 18/ 05/ 2022 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 ENGINEER (C.U)



UNIVERSITY OF CALCUTTA

Name of the work:- RENOVATION OF COMPUTER LABORATORY(ROOM NO-CT 201) AT FIRST FLOOR OF APPLIED CHEMISTRY BLDG. OF CHEMICAL TECHNOLOGY DEPARTMENT OF RAJABAZAR SC.COLLEGE

N. I.T. no- Eng /CT- 90 /22-23 Date: 06-05-22

Estimated cost Put to Tender:-Rs. 497749.05 (Including GST)

Name of Agency:-

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- 90 /22-23 Date: 06-05-22

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.

Sd/-

University Engineer

Name of the Agency:

Address :-

Signature of the Agency with date & stamp:-

SPECIFIC PRICE SCHEDULE FOR RENOVATION OF COMPUTER LABORATORY (ROOM NO-CT 201) AT FIRST FLOOR OF APPLIED CHEMISTRY BLDG. OF CHEMICAL TECHNOLOGY DEPARTMENT OF RAJABAZAR SC.COLLEGE.

SL.NO.	DESCRIPTION OF ITEM.	UNIT.	QUANTITY.	RATE. RS. P.	AMOUNT. RS. P.
1. (page11 Item10).	Stripping off worn out plaster and raking out joints of walls, celings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed. 1x3.55x2.68=9.51 1x4.35x3.25=14.14	Sqm.	30.00	19.00	570.00
2. (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.	30.00	199.00	5970.00
3. (page114 Item1).	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame exluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be correted upto three decimals). Sal : Malayasian Beam-3x0.15x0.075x8.10=0.273 4x0.15x0.075x6.25=0.281 3.70x2.0x0.035=0.259 <hr/> 0.813	Cum.	0.813	83218.00	67656.23
4. (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				

	<p>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/m³) 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 & directions of Engineer-in-charge.</p> <p>False Ceiling (with 6mm thick Fibre Cement Standard Ceiling Board and E-Grid T-2430). 6.25x7.7=48.13 3.0x2.4=7.2</p>				
		Sqm.	56.00	591.00	33096.00
5. (page163 Item12).	<p>Ceiling of commercial ply as per design fitted and fixed complete (excluding the supporting framework but including necessary wood battens of size 40mm x 6mm 6.60x6.25=41.25</p>				
		Sqm.	42.00	721.00	30282.00
6. (page76 Item1).	<p>Supplying & laying of approved brand of scratch proof, semi flexible P.V.C. blended homogeneous marble Vinyl flooring in tiles conforming to IS:3461, fixing with synthetic acrylic adhesive after preparing the floor, levelling & smothering when necessary with suitable putty, as per the design & instruction of the Engineer-in-charge. 2 mm thick. 6.6x6.25=41.25</p>				
		Sqm.	42.00	578.00	24276.00
7. (pag66 Item36)	<p>Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @</p>				

	<p>2.91Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sqM below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge.</p> <p>$6.25 \times 7.7 = 48.12$ $2(6.25 + 7.7) \times 0.15 = 4.18$</p>				
		Sqm.	52.00	1276.00	66352.00
8. (page233 Item1).	<p>Supplying extorted aluminium section.</p> <p>2 track sliding Bottom frame. $3 \times 1.5 = 4.5$</p> <p>Top and side frame. $4.5 + 3 \times 2 \times 1.8 = 15.3$</p> <p>Fixed glazing Top, bottom, side member $2 \times 1.5 + 2 \times 1.8 + 4 \times 2.4 =$</p> <p>Mullion $6 \times 2.4 + 4 \times 3.3 = 27.6$</p> <p>Glasing clip $24(0.6 + 0.6) \times 2 = 115.2$</p> <p>Shutter for all track sliding window. Bottom and top member $3 \times 1.46 \times 2 = 8.76.$</p> <p>Style side member. $3 \times 2 \times 1.76 = 10.56$</p> <p>Inter lock member. $3 \times 2 \times 1.76 = 10.56$</p>	Mtr.	5.00	218.00	1090.00
		Mtr.	16.00	195.00	3120.00
		Mtr.	16.00	321.00	5136.00
		Mtr.	28.00	339.00	9492.00
		Mtr.	116.00	50.00	5800.00
		Mtr.	9.00	117.00	1053.00
		Mtr.	12.00	119.00	1428.00
		Mtr.	12.00	148.00	1776.00
9. (page239 Item2).	<p>Labour charge for fabrication and installation of composite door, window, partitions made from anodized extruded alloy aluminium sections for the following units:- (A) Glazed aluminium sliding windows made of extruded and anodized alloy aluminium sections, fabrications,</p>				

	<p>including cutting to proper shape and size, drilling and aligning of window shutter frame fitted with in built locking arrangements, sliding rollers and other necessary fittings, fixture, adhesives and joineries along with extruded neoprine or EPDM gasketing in between window frame and masonry work (walls, column, beam.lintels etc.) as well as between glass and shutter frame for fixing glass and Polysulphide sealant and in between shutter and window frame where necessary including cutting to requisite size and fixing glass as per drawing, specification and direction of EIC. The rate includes the hire charge of all tools and plants, including all incidental charges, adhesive, joineries such as screw, cleat angle etc. but excluding the cost of extruded aluminium sections, glass, neoprene / EPDM gasket, locking arrangement and rollers.</p> <p>2 track sliding window. 3x1.5x1.8=8.10 Fixed glazing. 3.3x2.4=7.92</p>				
		Sqm.	9.00	696.00	6264.00
		Sqm.	8.00	768.00	6144.00
10. (page242 Item8)	<p>Supplying EPDM gasket of approved make and brand as per direction of Engineer in charge.</p> <p>'U' shaped EPDM gasket for frames. 3x2x1.46x1.76=15.42 3x4x1.76=21.12</p>	Mtr.	40.00	15.00	600.00
11. (page243 Item9).	<p>Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987.</p> <p>4mm thick clear glass. 24x0.6x0.6=8.64 3x1.46x1.76=7.70</p>	Sqm.	18.00	398.00	7164.00
12. (page244 Item14).	<p>Filling the gap in between aluminium frame & adjacent RCC / Brick/ Stone work by providing weather silicon sealant over 6mm dia backer rod of approved quality as per architectural drawings and direction of Engineer-in-Charge complete.</p> <p>Upto 5 mm depth and 5 mm width. 3x2(1.5+1.8)=19.8</p>	Mtr.	20.00	72.00	1440.00
13. (page195 Item7).	<p>Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or</p>				

	<p>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.</p> <p>Solvent based interior grade Acrylic Primer.</p> <p>Wall-$2(7.7+6.25)4.8=133.92$ Ceiling-$6.25 \times 7.7=48.12$ Beam side-$2 \times 2 \times 7.7 \times 0.5=15.4$</p>	Sqm.	200.00	33.70	6740.00
14. (page196 Item10).	<p>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.</p> <p>Two Coats</p>	Sqm.	200.00	70.00	14000.00
15. (page198 Item5).	<p>Rendering the Surface of walls and ceiling with White Cement base WATER PROOF wall putty of approved make & brand.(1.5 mm thick)</p>	Sqm.	200.00	122.72	24544.00
16. (page200 Item1).	<p>Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.</p> <p>Pan door--$3 \times 1.5 \times 3.6 \times 2.6=42.12$ Wooden stair-$3.5 \times 2 \times 1.0=7.00$ Step-$16 \times 1.0 \times 2 \times 0.3=9.60$ Side of stair-$2 \times 3.5 \times 0.65=4.55$ Pati- $2 \times 14 \times 7.7 \times 0.075=16.17$ False ceiling-$2 \times 50=100.00$. Ply-$2 \times 42.0=84.00$</p>	Sqm.	280.00	38.00	10640.00
17. (page200 Item2).	<p>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, if necessary</p> <p>Two coats with any shade except white</p>	Sqm.	280.00	81.00	22680.00
18. (p-41 i-2)	<p>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</p>				

	brass C.P. nut including mending good all damages and painting the brackets with two coats of approved paint. 550 mm X 400 mm size	<u>Sqm.</u>	1.00	2208.00	2208.00
19. (p-212 I-21)	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 materails (Spun Yarn, Valamoid/Bitumen/M-Seal etc) complete. 75 mm dia. 2x7.5=15.00	Sqm.	15.00	188.00	2820.00
20. (p-202 Item10)	Copal varnish of approved quality including preparing surface. On old varnish surface including removing old varnish. 2x2x2x6.25x3.0=150.00 2x2x7.7x3.0=92.4 7.7x3.0=23.1	Sqm.	270.00	184.00	49680.00
21. (page303 Item3).	Mazdoor (Male)	Nos.	40.00	245.00	9800.00

ESTIMATED COST-----RS.421821.23

G.S.T. @ 18%-----RS.75927.82

TOTAL ESTIMATED COST-----RS.497749.05

Name of the Agency

Address of the Agency

Rate quoted by the Agency

Signature of the Agency with date