



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- 141/22-23	Date: 26.05.2022
2.	Name of the work:	Thorough renovation of the teachers toilet at Ground Floor and other allied sanitary / plumbing replacement at the 1 st floor toilet above it at V L college bldg. under CU, at 20 B, Judges Court road, Kol 27	
3.	Estimated Cost put to Tender:	Rs 327,858.00 (Rupees three lakh twenty seven thousand eight hundred fifty eight only (including GST)	
4.	Earnest Money:	A sum of Rs6600/- (Rs six thousand six hundred only)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.	
5.	Time of completion:	45 days	
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 application . 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. Work order will not be treated as credentials4. Application through postal service or courier service is not accepted.	
7.	Last date of receipt of application for tender	On 30/05/2022 from 11AM to 4 PM (Must contain above mentioned document. 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 02/ 06/ 2022 from 11am 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 02/ 06/2022 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 ENGINEER (C.U)



UNIVERSITY OF CALCUTTA

Name of the work - Thorough renovation of the teachers toilet at Ground Floor and other allied sanitary / plumbing replacement at the 1st floor toilet above it at V L college bldg. under CU, at 20 B , Judges Court road, Kol 27

N.I.T no: Eng /CT- 141/22-23

Date: 26.05.2022

Estimated cost Put to Tender:- Rs 327,858.00 (Rupees three lakh twenty seven thousand eight hundred fifty eight only (including GST)

Name of Agency:-

Address of Agency:-

Amount quoted by the Agency: Rs.

(In wards)

Signature of the Agency with date &stamp:-



UNIVERSITY OF CALCUTTA

N.IT no : Eng /CT- 141/22-23

Date: 26.05.2022

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 or 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. (a) 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 tenderers 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.

Amount:-Rs

D.D No..... **Dated** / /2022

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

Thorough renovation of the teachers toilet at Ground Floor and other allied sanitary / plumbing replacement at the 1st floor toilet above it at V L college bldg. under CU, at 20 B , Judges Court road, Kol 27

Schedule followed is PWD 2017 wef 1.11.2017

SL no	Description of item	Unit	Rate	Qty	Amount Rs
01	I – 6, p -11 Dismantling artificial stone flooring upto 50 mm. thick by carefully chiselling without damaging the base and removing rubbish as directed within a lead of 75 m. a) In ground floor including roof.	Sq.M.	50	19.50	975.00
02	I – 3 ,p - Dismantling R.C. floor, roof, beams etc. including cutting rods and removing rubbish as directed within a lead of 75 m. including stacking of steel bars. In ground floor including roof..	Cu.M	1956	0.775	1515.9
03	I – 2, p - 10 Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. In ground floor including roof. upto 150 mm. thick.	Cu.M	939	2.925	2746.57
04	I - 1, p - 10 Dismantling all types of	Cu.M	447	1.50	670.5

	masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. In ground floor including roof..				
05	I – 10, p - 11 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.	Sq.M.	19	133	2527
06	Labour for taking out door shutters with frame And disposing and stacking the same to a suitable distance. Masion---	Each	326	6	1956
	Labour ---	Each	245	6	1470
07	Labour for dismantling IPWC , EPWC , wash basin, shower rose, bib cocks, cistern, old G I pipe , Choacked soil line etc A) Plumber mistry---	Each	326	10	3260
	B) Plumber helpers---	Each	270	10	2700
08	Labour for Earthwork in excavation for finding out the existing soil line and pit under the ground level outside the bldg and also cutting earth below the floor level for taking out the old and Choacked CI trap, soil pipe below the floor level at ground floor. Male majdoor---	Each	245	12	2940
09	Labour for taking out all the rubbish from site and staking at a safe distance as directed. Male majdoor--	Each	245	6	1470
10	I - 1 , p - 76 Dismantling H.C.I. pipe with fittings including melting lead caulked joints. 100 mm. ---	metre	64	18	1152
11	Pipe Clip 110 mm	each	21/-	20	420
12	Door Tee (110mm)	each	195	9	1755

13	Door bend 110mm	Each	147/-	14	2058
14	I - 23 ,p - 68 Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 A) Double Socketed 3 Meter Length (110 mm)	mtr	315/-	30	9450
15	I - 24 , p - 74 Labour for fitting and fixing U.P.V.C. pipes for above ground work including cost of jointing materials etc. fitting and fixing all necessary specials, cutting pipes, cutting holes in walls or R.C. floor where necessary and mending good all damages excluding the cost of masonry or concrete work , if necessary, but including the cost and fitting and fixing holder bat clamps (any floor) or for underground work including cutting trenches upto 1.5 metre and refilling the same complete as per direction of the Engineer-in-charge . (Payment will be made on centre line measurement of the total pipeline including specials.) (A) Above ground 110mm dia	mtr	57	30	1710
16	I – 4 p – 24 Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement,if any, in ground floor as per relevant IS codes. Pakur Variety	Cu.M	1.46	.3886	5673.56
17	I - 1 ,p - 189 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 (Ground floor).[Excluding cost of chipping over concrete surface] (i) With 1:6 cement mortar 20 mm thick plaster	Sq.M	167	133	22211

	Qty same as SL no 05				
18	<p>I - 35 , p - 64 Supplying, fitting & fixing 1st 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.</p> <p>Wall ----- With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick Cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @0.20kg/ sqm</p> <p>Area of each tile above 0.09 Sq.m Coloured decorative</p> <p>Floor----- I -42 ,p - 70 Supplying and laying true to line and level Double Charge Vitrified Tiles of approved brand conforming to IS 15622: 2006 (Group B I a) and tested as per IS 13630:2006 (relevant parts) [Non-modular sizes for tiles with Water Absorption (av.) ≤ 0.08 %] in floor, skirting etc. set in 20 mm thick sand cement mortar (1:4) bed prepared after application of slurry using 1.75Kg of cement per Sqm over the base and 2mm thick cement slurry using cement @2.91Kg./sqm at the back side of the tiles and laid over the mortar bed using 0.2 kg/sqm of White cement used for joint filling with approved pigment as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry</p>	Sq. M	1102	64.86	71475.72
		Sq. M	1484	25.3	37545.2

	<p>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. (Note: This work should not be executed without specific permission of Superintending Engineer)</p> <p>(a) In Ground Floor:(size not less than 600mmX 600 mm X 9.5 mm thick) sqm.</p>				
19	<p>P – 26, I - 10 Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. Pakur Variety. Lintel-</p>	Cu.M	4482	0.131	587.14
20	<p>I - 36 , p - 42 Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor (a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge.</p>	Sq.m	335	4	1340
21	<p>I - 40 , p - 43 Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and</p>	MT	58249	0.017	990.23

	<p>bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction.</p> <p>For works in foundation and upto roof of ground floor/upto 4 m</p> <p>Tor steel/Mild Steel</p> <p>SAIL/ TATA/RINL</p>				
22	<p>I – 16, p - 126</p> <p>Supplying, Fitting & Fixing 30 mm thick both side prelaminated Factory made solid Panel PVC Door Shutter consisting of outer frame made out of M.S. tubes of 19 gauge thickness and size 19 mmx19 mm for styles, top and bottom rails, M.S.</p> <p>frame shall have cost of steel primers of approved make and manufacture, M.S. frame covered with 5 mm th. heat moulded PVC “C” channel of size 30 mm th, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on either sides forming styles; and 5 mm th. 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm tapered in 45 degree on the innerside to form top & bottom rail and 115 mm wide PVC sheet out of which 75mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided either side of the panel with 10 mm (5 mm x 2) th.,20 mm wide cross PVC sheet as gap insert for top rail and bottom rail sheet to be fitted in the M.S. frame welded/sealed to the styles & rails with 7 mm (5 mm+2 mm) th.x15 mm wide PVC sheet beading on inner side and joined together with solvent cement adhesive. An additional 5 mm th. PVC strip of 20 mm which is to be stuck on the interior side of the</p>	Sqm	2438	6.60	16090.8

	“C” channel using PVC solvent adhesive etc. complete excluding all necessary hardwares as per direction of Engineer-in Charge.				
23	<p>I - 7 , p - 116</p> <p>Providing and fixing PVC Door Frame of size 50x47mm with a wall thickness of 5mm (± 0.2 mm) made out of single piece extruded PVC profile, with mitred cut</p> <p>Joint sand joint with 2 nos. of PVC bracket of size 190 mm x 100 mm long arms of</p> <p>Cross section size 35 mm x 15 mm & self driven self tapping screws, the vertical Door profiles to be reinforced with 40x20mm M.S. rectangular tube of 0.8 mm ,</p> <p>Including providing EPDM rubber gasket weather seal throughout the frame, Including jointing 5 mm PVC frame strip with PVC solvent cement on the back of The profile. The doorframe to be fixed to the wall using 8 x100mm long anchor</p> <p>Fasteners complete, all as per manufacturer`s specification and direction of Engineer -in- charge.</p>	Mtr	445	16.2	7209
24	<p>I – 16, p - 16</p> <p>125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor..</p>	Sq.M	724	20	14480
25	<p>I - 19(I) , p - 12</p> <p>Supplying, fitting and fixing PVC pipes of approved make of Schedule 80 (medium duty) conforming to ASTM D - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrew, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making</p>	mtr	101	25	2525

	<p>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 accesories, specials. Payment for painting will be made seperately) (a) For Exposed Work PVC Pipes 15mm.</p>				
26	<p>I - 17 , p - 82 Supplying, fitting and fixing liquid soap container. PTMT(Prayag or equivalent)</p>	Each	6	210	1260
27	<p>I - 19 , p - 82 Supplying, fitting and fixing best quality Indian make mirror 5.5 mm thick with silvering as per I.S.I. specifications supported on fibre glass frame of any colour, frame size 550 mm X 400 mm</p>	each	613	2	1226
28	<p>I - 2 , p – 36 Supplying, fitting and fixing 10 litre P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fittings complete,C.I. brackets including two coats of painting to bracket etc</p>	each	1015	4	4060
29	<p>I - 2, p -79 Supplying, fitting and fixing E.W.C. in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc. 'S' trap each</p>	each	1512	3	4536
30	<p>I - 9 , p - 43</p>	each	107	8	856

	Supplying,fitting and fixing approved brand P.V.C. CONNECTOR white flexible, with both ends coupling with heavy brass C.P. nut, 15 mm dia. 600mm sizes				
31	I - 11, p – 81 Supplying,fitting and fixing 32 mm dia. Flush Pipe of approved make with necessary fixing materials and clamps complete. Polythene Flush Pipe	each	155	4	620
32	I - 2 , p - 41 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. 550 mm X 400 mm size	each	2208	4	8832
33	I - 3 , p - 41 Supplying, fitting and fixing pedestal of approved make for wash basin (white)	each	1497	1	1497

34	<p>I - 7 , p - 6 Supplying, fitting and fixing bib cock or stop cock. A)Chromium plated Bib Cock long body with wall flange with aerator (Equivalent to Code No. 512 & Model – Tropical / Sumthing Special of ESSCO or similar brand)</p> <p>B)Chromium plated Stop Cock (Equivalent to Code No. 513(A) & 513(B) & Model – Tropical / Sumthing Special of ESSCO or similar Brand).</p> <p>C)Hand Shower(Health Faucet) with 1mtr Flexible Tube with Wall Hook (Equivalent to Code No.573 & Model - ALLIED of Jaquar or Similar)</p>	Each Each Each	659 493 1251	2 8 2	1318 3944 2502
35	<p>I - 7 , p - 195 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 thoroughly, complete as per manufacturer's specification and as per direction of the EIC. (In Ground Floor) Two Coats Water based interior grade Acrylic Primer 2m (H) x { 6.5 + 3 } x 2= 38 sqm 6.5 x 3 = 19.5 sqm Total = 57.50 sqm 57.50 sqmx 2= 115 sqm</p>	Sq.M	44.20	115	5083.00
36	<p>I - 10 ,p - 196 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>	Sq.M	70	115	8,050

	Two Coats				
37	I – 5, p - 196 Rendering the Surface of walls and ceiling with White Cement base WATER PROOF wall putty of approved make & brand.(1.5 mm thick)	Sq.m	122	57.50	7015
38	I - 3 ,p - Making one set of scaffolding only for replacing glass panels, painting, uprooting plant and another repairing works of building and S&P works for external works only with 10 cm. dia bamboo as main posts at the rate of 1 metre centre to centre and 7.5 cm. dia bamboo ties @ 0.75 metre apart fitting and fixing with necessary coir, nails etc. as per direction of the Engineer-in-charge. 3.90 metre height	Each	279	5	1395
39	(I – 8 ,p - 91) 20 MT load bearing capacity round manhole cover provided with two Lifter hooks fitted with matching frame of size Cover: 600 mm X 75 mm Frame: 750 mm X 150 mm Opening: 525mm Weight: 170 kg (approx)	Each	3250	1	3250
40	I -15, p – 192 Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m.	Sq.M	34	8	272
41	i-4 p-79 Supplying, fitting and fixing Orissa pattern water closet in white glazed vitreous chinaware of approved make in position complete excluding 'P' or 'S' trap (excluding cost of concrete for fixing). (i) 580 mm X 440 mm each	Each	1613.00	2	3226.00

TOTAL amount = Rs. 277845.62

Add @ 18% for GST = + Rs. 50,012.21

Grand Total = Rs 327,857.83

Say , Rs 327,858.00

Rupees three lakh twenty seven thousand eight hundred fifty eight only (including GST)

Name of the Agency:

Address of the Agency:

Amount quoted by the agency:

Signature with stamp & date: