



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- 226/20-21.	Dated: 08.02.2021
2.	Name of the work:	<u>3rd CALL FOR MAKING EQUIPMENT BENCHES AND RENOVATING FLOOR OF ROOM NO-27 AT PALIT BUILDING OF RAJA BAZAR SCIENCE COLLEGE.</u>	
3.	Estimated Cost put to Tender:	Rs.497849.42	
4.	Earnest Money:	A sum of Rs.24900.0 (Rupees twenty four thousand nine 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 exempted for those bidders who are registered with NSIC or any Government organization- to safeguard against a bidder withdrawing/altering his bid during the bid validity period.	
5.	Time of completion:	60 days	
6.	Eligibility Criteria	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 year . Government, Government Undertaking and University of Calcutta credentials are accepted.(only completion certificate of the work should be treated as Credential.	
7.	Last date of receipt of application for tender	NA	
8.	Last date of Sale/ issue of tender papers	TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)	
9.	Last Date and Time of tender Submission	19.02.2021 (up to 2.00 PM)	
10.	Date and Time of Tender Opening	19.02.2021 at 3:00 PM or after	

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 thus cancelled.

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:- 3rd CALL FOR MAKING EQUIPMENT BENCHES AND RENOVATING FLOOR OF ROOM NO-27
AT PALIT BUILDING OF RAJA BAZAR SCIENCE COLLEGE.

N. I.T. no- Eng /CT- 226 /20-21.

Dated: 08.02.2021

Estimated cost Put to Tender:-Rs. 497849.42

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.T. no : Eng /CT- 226 /20-21. Dated: 08.02.2021

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 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 05 % 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) 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 5% of the estimated amount i.e. **as mentioned in the NIT** in the form of 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 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.

A handwritten signature in blue ink, consisting of a stylized 'U' and 'E' followed by a horizontal line.

UNIVERSITY ENGINEER (C.U)

Name of the Agency:

Address :-

Signature of the Agency with date & stamp:-

**SPECIFIC PRICE SCHEDULE FOR MAKING EQUIPMENT BENCHES AND RENOVATING FLOOR OF ROOM NO-
27 AT PALIT BUILDING OF RAJA BAZAR SCIENCE COLLEGE.**

SL.NO.	DESCRIPTION OF WORK.	UNIT.	QUANTITY.	RATE. RS. P.	AMOUNT. RS. P.
1. (page303 Item3).	Labour charge for removing lab. Table/ bench, furniture etc. For executing work and re placed the same after complete work.	Each.	30.00	245.00	7350.00
2. (page192 Item1).	Labour for Chipping of concrete surface before taking up Plastering work. 9.2x6.0=55.2 2(9.2+6.0)0.2=6.08	Sqm.	62.00	21.00	1302.00
3. (page16 Item16).	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor. 14x0.9x0.9=11.34	Sqm.	12.00	724.00	8688.00
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 (Ground floor).[Excluding cost of chipping over concrete surface] With 1:6 cement mortar 25 mm thick plaster. 2x14x0.9x0.9=22.68 28x0.9x0.125=3.15	Sqm.	30.00	195.00	5850.00
5. (page280 Item1).	Supplying and laying true to line and level Anti-Skid, Full Body, Homogeneous & Granular finish Vitrified Tiles conforming to IS:15622-2006 & IS 4457-2007 and testing shall be made in accordance with IS:13630 [Non- modular sizes for tiles with Skid resistance > 0.5, Mohr's hardness > 5.0, Staining resistance: Class-1, Water Absorption: E < 0.5%], MOR > 35 N/sq.mm in Internal area of building e.g. Toilet Block, Passage, Corridor, Accessible Open Terrace etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg./Sqm or using Polymerised Adhesive (6 mm thick layer applied directly over finished artificial				

	<p>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. (White cement, synthetic adhesive and grout material to be supplied by the contractor.</p> <p>6.2x6.0=37.2 (12.4+6)0.0.15=2.76 2x14x0.9x0.0.15=3.78</p>	Sqm.	44.00	1580.00	69520.00
6. (page26 Item10).	<p>Ordinary cement concrete(1:1.5:3) with graded stone chips (20mm nominal size). Excluding shuttering and reinforcement.</p> <p>2x12.6x0.9x0.1=2.268</p>	Cum.	3.00	5912.18	17736.54
7. (page42 Item36).	<p>Hire and labour charges for shuttering with centering and necessary staging up to 4 mtr.</p>	Sqm.	25.00	335.00	8375.00
8. (page43 Item40).	<p>Reinforcement for reinforced concrete work in all sorts of structure including distribution bar, stripus, binders etc.</p> <p>2x12.6x8x0.39=78.62kg 2x0.9x100x0.39=70.2kg.</p>	Kg.	150.00	58.24	8736.00
9. (page55 Item22).	<p>Supplying fitting and fixing 15 to 18 mm thick marble slab / tiles in floor, lobby, stair landing . (area of each slab/tiles exceeding 0.3sqm but not exceeding0.6sqm).</p> <p>2x12.6x0.9=22.68</p>	Sqm.	23.00	1686.00	38778.00
10. (page63 Item33).	<p>Supplying, fitting & fixing granite slabs 15mm to 18 mm. thick with uniform texture & without decorative veins in columns, wall, facia, rise 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</p>				

	<p>Engineer-in-charge including cost of all materials, labours, scaffolding, staging, curing and roughening of concrete surface complete. [Using cement slurry at back side of granite @ 4.4 kg/sq.m & white cement slurry for joint filling @ 1.8 kg/sq.m]. 6x1.8=10.8</p>	Sqm.	11.00	2929.00	32219.00
11. (page294 Item24).	<p>Providing and fixing of factory made uPVC Sliding window (White Colour) complete, (U value=1.9-1.3 W/m² K, flame resistant, self extinguishing, lead free) comprising uPVC multi-chambered frame having in-built uPVC roller track on top and uPVC sash with wall thickness of 2.3mm (±0.2 mm) duly reinforced with G.I. section 1.6 mm (±0.2 mm), wherever required. All corners of frame and sash will be fusion welded. After placing 5 mm Clear Annealed glass in the sash, uPVC glazing bead, interlock, EPDM gasket, brush shall be provided including touch lock and rollers & proper drainage system shall be provided. Window frame will be fixed to the wall with 100mm long and 8mm dia. Fasteners and after fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size, of approved quality complete in all respect as per as per approved drawing & direction of Engineer-In-Charge. 2 Track 2 Sash window frame of size 67 x 54 mm & Sash of size 64 x 47 mm both having wall thickness of 2.3 ± 0.2 mm. 12.60x0.9=11.34</p>	Sqm.	12.00	7118.00	85416.00
12. (page76 Item1A)	<p>Supplying and laying of approved brand of scratch proof semi flexible P.V.C. blended homogeneous marble vinyle flooring in tiles conforming to IS :-3461. 2 mm thick. 3.0x6.0=18.00</p>	Sqm.	20.00	578.00	11560.00
13. (page114 Item1).	<p>Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting of the contact surface. Sal-local. L –shaped table:-7.0x0.5x0.04=0.14 Leg-8x0.125x0.1x1.00=0.10 4x7.0x0.125x0.04=0.14 9x0.5x0.125x0.04=0.023</p>				

	$7 \times 0.05 \times 0.04 = 0.014$ Sel.- $2 \times 3 \times 6.0 \times 0.5 \times 0.025 = 0.45$ $2(6.0 + 0.5) \times 0.6 \times 0.025 = 0.195$ Bench- $2 \times 0.4 \times 6.0 \times 0.025 = 0.12$ Leg- $8 \times 0.5 \times 0.05 \times 0.05 = 0.01$ $2 \times 2(6.0 + 0.4) \times 0.025 \times 0.125 = 0.08$	Cum.	1.30	77671.00	100972.30
14. (page173 Item3).	Supplying, fitting and fixing boiling water resistant ply conforming to IS: 303- 1989 bonded with phenol formaldehyde synthetic resin of approved make and brand fitted and fixed as per design as per approval and direction of Engineer-inCharge.[excluding the cost of supporting frame work and teak wood batten/Lipping] 6 mm thick. $6.00 \times 1.2 = 7.2$ 19 mm thick. Com tab- $2 \times 1.2 \times 1.5 = 3.6$ $2 \times 2(1.5 + 1.2) \times 1.0 = 10.8$ Parti.- $2 \times 1.5 \times 1.0 = 3.0$	Sqm.	8.00	923.00	7384.00
		Sqm.	18.00	1871.00	33678.00
15. (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 thoroughly, complete as per manufacturer's specification and as per direction of the EIC. $14 \times 2 \times 0.9 \times 0.9 = 22.68$	Sqm.	25.00	33.70	842.50
16. (page196 Item11).	Synthetic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothening of surface. Two Coats	Sqm.	25.00	68.00	1700.00

TOTAL-----RS.440107.34

G.S.T @ 12%-----RS.52812.88

Total.RS.492920.22

LABOUR CESS @ 1%-----RS.4929.20

ESTIMATED AMOUNT-----RS.497849.42

Name of the Agency

Address of the Agency

Rate quoted by the Agency

Signature of the Agency with date