



**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- 59 /21-22</b>	<b>Date: 21.09.2021</b>
2.	<b>Name of the work:</b>	Repairing, replacement work of sloped roof sheets on top of D block including some roof treatment with concrete work on the same area of Alipore campus, CU.	
3.	<b>Estimated Cost put to Tender:</b>	Rs 217942.00 ( Rupees two lakh seventeen thousand nine hundred forty two only.) (Excluding any Govt. taxes / GST)	
4.	<b>Earnest Money:</b>	A sum of <b>Rs11000/-</b> (Rs Eleven thousand only)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>	45 days	
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 <b>on the date of application</b> . 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. <b>Work order will not be treated as credentials</b></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>	24/ 09 / 2021 ( Application must contain above mentioned documents & this application duly signed by Engineer CU should be enclosed with tender documents)	
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 <b>30/ 09/ 2021</b> 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 <b>30 / 09/ 2021</b> after 3.00 PM at the Office of the University Engineer. Intending bidders are requested to be present at the time of opening tenders/quotations.	

**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)



# UNIVERSITY OF CALCUTTA

**Name of the work :-** Repairing, replacement work of sloped roof sheets on top of D block including some roof treatment with concrete work on the same area of Alipore campus, CU.

**N. I.T. no-** Eng /CT- 59 /21-22

**Date:** 21.09.2021

**Estimated cost Put to Tender:-** Rs 217942.00 (Rupees two lakh seventeen thousand nine hundred forty two only )  
(excluding any Govt. taxes / 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- 59/21-22

Date: 21.09.2021

## Item Rate contract

### 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. (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 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 periodwill be for a period of six (6) 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**

**B.O.Q FOR** Repairing, replacement work of sloped roof sheets on top of D block including some roof treatment with concrete work on the same area of Alipore campus, CU.

Schedule followed is PWD schedule 2017 wef 1.11 2017

SI No	Description of item	Unit	rate	qty	Amount (Rs)
<b>01</b>	Dismantling carefully terraced floor only (including floor finish if any) or lime terracing in Ground floor roof and removing rubbish as Directed within a lead of 75 m. <b>(I- 5,P- 11)</b>  In Ground Floor including roof. (Work is at 4 <sup>th</sup> floor level)(@50/- p cum for each additional floor)	cum	939/-	1.80	Rs 1690.20
<b>02</b>	Cleaning the concrete surface by removing dirt and debris, marking defective Locations and removing loose concrete by careful stripping untill hard surface is exposed, cutting the concrete to regular shape, wire brushing the exposed Surface and removing debris from site complete as per direction of the Engineer – in – Charge. <b>P – 45, I- 5</b>	<b>SQM</b>	90/-	<b>100</b>	Rs 9000.00
<b>03</b>	Applying epoxy based reactive joining agent for joining the old concrete with Fresh concrete to be applied within manufacturer's specified time as per Manufacturers specification. (0.4 Kg / m <sup>2</sup> of concrete surface). <b>(I-7,p-45)</b>	SQM	309/-	18	Rs 5562.00
<b>04</b>	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm Nominal size) excluding shuttering and reinforcement,if any,	cum	3886/-	1.80	Rs 6994.80

	in ground floor As per relevant IS codes. Pakur Variety <b>(P24,I-4)</b>				
<b>05</b>	Application of priming coat for standard bituminous waterproofing treatment over flat roof with Bitumen primer of approved brand fulfilling the provision of I.S. 1346 – 1991 & 3384 - 1986 applied @ 0.27 Liters /Sq.m. over clean and prepared roof surface complete as per satisfaction of the Engineer - in – charge All Floor – <b>p-93,I-3</b>	SQM	24/-	100	Rs 2400.00
<b>06</b>	Supplying & laying 3mm thick pre-fabricated plastomeric Water proofing membrane conforming to EN 12311-1 & ASTM D 5147, manufactured with atactic poly propylene (APP) modified premium grade asphalt , specially reinforced With non-woven polyester core with polyester reinforcement @160 gms per sqm & both faces covered with thermo-fusible Polyethylene film /Mineral on top face over a coat of primer @ 0.40 lit/sqm of manufacturer’s specification on Smooth,clean dry surface prepared wherever required.Lap Joint shall be provided of 75 mm in longitudinal & 100 mm in Transverse direction and fused using LPG/ Propane torch Employing extra care ensuring full bondage, complete Removal of entrapped air and sealing edges into grooves in Appropriate manner as per direction of Engineer -in-charge All complete including materials, labour and applicable Taxes. (Payment shall be made on the basis of finished Surface area.). Membrane Property: Softening Point > 150 deg C, Cold Flexibility < -6 deg C, Tensile Strength, N/cm : 600	SQM	407/-	100	Rs 40700.00

	(longitudinal), 450 (transverse), Tearing Strength, N:300 (longitudinal), 200 (transverse) <b>I-4, p-92</b>				
<b>07</b>	Taking out carefully G.C.I. or C.I. or asbestos Sheets (including ridges etc.) from roof or wall After unscrewing bolts, nuts, screws etc.and Stacking the material at site as directed. <b>(I-8, p-11)</b>	sqm	41/-	140.13	Rs 5745.33
<b>08</b>	Labour for lowering and stacking after dismantling in parts R.S. Joists, channels, angles, tees, plates etc.complete as directed. <b>(p110,I-1)</b>	Qtl	429/-	0.945	Rs 405.40
<b>09</b>	M.S. structural works in roof trusses with tubular sections Conforming to IS: 806-1968 & IS: 1161- 1998 cnnected to one Another with bracket, gusset cleats as per design, direction of Engineer-in-charge complete including cutting to requisite size, Fabrication with necessary metal arc welding conforming to IS: 816- 1969 & IS: 9595 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. Payment to be made on the basis of calculated weight of structural Tubular memebrs as	MT	61252.04/-	0.122	Rs 7472.74



	<p>specified in relevent IS code in finished work. Payment for gusset, bracket, cleat may be made by adding the actual Weight of such items with weight of finished structural members. The Rates are considered for a height of erection 8 m. / 2<sup>nd</sup> floor level From the ground. Add 1.5 % extra over the rate for each additional Floor or 4m. beyond the initial 8 m. or part thereof. (P-100,I- 2)</p> <p>For trusses spanning up to 12.00</p> <p>For dia of 50 mm (3.65mm thick)</p>				
<b>10</b>	<p>Supplying, fitting &amp; fixing Zn-Al alloy (55% Al &amp; 45% Zn) Coating of 150 grams per sq. metre (followed by colour Coated on both side) steel sheet work having minimum yield Strength of 550 Mpa of trapizoidal profile of approved make (excluding the supporting frame work) fitted and fixed with 55 mm &amp; 25 mm self tapping screw, EPDM Washer 16 mm Dia &amp; 3 mm th. Washer etc. complete with 150 mm end lap And one corrugation minimum side lap. (Payment to be made On area of finished work). <b>(I-14, p- 82)</b></p> <p>In Roof:- With 0.5 mm thick sheet</p>	sqm	787/-	140.13	Rs 110282.31
<b>11</b>	<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. MS Angle 3"x 3"--</p> <p>---</p>	SQM	29/-	111.04	Rs 3220.16
<b>12</b>	<p>Painting with best quality synthetic enamel paint of approved make And</p>	sQM	79/-	111.04	Rs 8772.16

	brand including smoothening surface by sand papering etc. including Using of approved putty etc. on the surface, if necessary :( I- 2 , p- 200 ) On steel or other metal surface :With super gloss (hi-gloss) –Two coats (with any shade except white) Area same as I-10, ie, 111.04 SQM			
13	Supplying Weather Silicone sealant of approved make and brand for fixing of groove line between the Glasses as per direction of Engineer-incharge. for Structural Glazing/Curtain wall.	M	57/-	22'
14	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 (P- 189, I -1) 15 mm thick plaster	SQM	145/-	18

Total amount = Rs 217942.30

Say Rs 217942.00

( Rupees two lakh seventeen thousand nine hundred forty two only.) **Excluding any Govt. Taxes / GST to be paid as applicable as per HSN code."**

Name of the Agency:

Address of the Agency:

**Amount quoted by the agency:**

Signature with stamp & date: