



**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- 332 /19-20. Dated 19.11.19</b>
2.	<b>Name of Work</b>	:	<b>CHANGING OF WASTE WATER LINE &amp; SUPPLY LINE AT AGRICULTURAL BUILDING OF BALLYGUNGE SC COLLEGE AS PER PWD SCHEDULE 2017 AT 35, B. C. ROAD KOLKATA 19</b>
3.	<b>Estimated Cost put to Tender</b>	:-	Rs 94547
4.	<b>Earnest Money</b>	:-	A sum of <b>Rs4727/- (Four thousand seven hundred &amp; twenty seven only)</b> 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 deducted 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.	<b>Time of completion</b>	:-	60days
6.	<b>Eligibility Criteria</b>	:-	<b>Valid trade License ,GST &amp; 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.</b>
7.	<b>Last date of receipt of application for tender</b>	:-	NA
8.	<b>Last date of Sale/ issue of tender papers</b>		TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)
9.	<b>Last Date and Time of tender Submission</b>	:-	28.11.19. Upto 2PM
10.	<b>Date and Time of Tender Opening</b>	:-	28.11.19 3PM

**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

**CHANGING OF WASTE WATER LINE & SUPPLY LINE AT  
AGRICULTURAL BUILDING OF BALLYGUNGE SC COLLEGE AS PER PWD**

**N. I.T. no-** Eng /CT- 332/19-20  
Dated 19.11.19

**Estimated cost Put to Tender:-Rs 94547/-**

# UNIVERSITY OF CALCUTTA

N. I.T. no- Eng/CT/ 332/19-20. Dated 19.11.19

## 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

**Address of Agency:-**

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

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



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 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.

**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. value **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.

Sd/-

University Engineer

Name of the Agency:

Address :-

**SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE**

**ESTIMATE FOR CHANGING OF WASTE WATER LINE & SUPPLY LINE AT  
AGRICULTURAL BUILDING OF BALLYGUNGE SC COLLEGE AS PER PWD  
SCHEDULE 2017 AT 35, B. C. ROAD KOLKATA 19**

SL NO	PWD SCH.	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	IT 19 Pg 10/114	Supplying, fitting and fixing PVC pipes of approved make of (medium as per IS : 1239 (Part - I). 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 Exposed Work 100mm dia	metre	1200	56	67200
2		Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple,  holder bats clamps, including cutting pipes, making threads, fitting,				

IT 19	fixing etc. complete in all respect including cost of all necessary fittings				
Pg 2/114	as required, jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre				
	payment will be made for accessories				
	25 mm dia. medium quality	metre	354	28	9912
It4	Supplying, fitting and fixing Peet's valve				
3	Pg4/114 fullway gunmetal standard				
	pattern best quality of approved brand bearing I.S.I. marking with fittings (tested to 21 kg per sq. cm.).	nos	1137	4	4548
4	Hire & labour charges for staging beyond 4m				
	Area in plan x mean ht Taking 30% length	cum	61	31.5	1921.5
					83581.5
	Add 12% GST				10029.78
					93611.28
	Add 1% Labour Cess				936.1128
	ESTIMATE PREPARED BY				94547.39
	S. SENGUPTA			Total	94547.5
	SAE CIVIL				
	BALLYGUNGE				











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**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-333 /19-20. Dated 19.11.19
2.	Name of Work	:	REPLACEMENT OF OLD GI TANKS WITH PVC TANKS WITH ALLIED PLUMBING WORKS AS PER PWD SCHEDULE 2017 AT AGRICULTURAL BUILDING BALLYGUNGE SC COLLEGE , 35, B. C. ROAD KOLKATA 19
3.	Estimated Cost put to Tender	:-	Rs 79511/-
4.	Earnest Money	:-	A sum of <b>Rs3976/- (Three thousand nine hundred &amp; seventy six only)</b> 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. 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	:-	60days
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	:-	28.11.19 Upto 2PM
10.	Date and Time of Tender Opening	:-	28.11.19 3PM

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**The undersigned reserves the right to reject any or all Tenders without assigning any reason what so ever.**



## UNIVERSITY OF CALCUTTA

**Name of the work:-** REPLACEMENT OF OLD GI TANKS WITH PVC TANKS WITH ALLIED  
PLUMBING WORKS AS PER PWD SCHEDULE 2017 AT AGRICULTURAL BUILDING  
BALLYGUNGE SC COLLEGE , 35, B. C. ROAD KOLKATA 19

**N. I.T. no-** Eng /CT-333/19-20 Dated 19.11.19

**Estimated cost Put to Tender:-**Rs 79511/-

**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/333/19-20. Dated 19.11.19

## 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 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.

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 Guarantee 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. value **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 :-**

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Sd/-

University Engineer

Name of the Agency:

Address :-

**SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE**

**PRICE SCHEDULE FOR REPLACEMENT OF OLD GI TANKS WITH PVC TANKS WITH ALLIED PLUMBING WORKS AS PER PWD SCHEDULE 2017 AT AGRICULTURAL BUILDING BALLYGUNGE SC COLLEGE , 35, B. C. ROAD KOLKATA 19**

SL NO	PWD SCH	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	It4 Pg 4/114	Supplying, fitting and fixing Peet's valve fullway gunmetal standard pattern best quality of approved brand bearing I.S.I. marking with fittings (tested to 21 kg per sq. cm.). 50mm dia	nos	3015	3	9045
2	It19A Pg10/114	Supplying, fitting and fixing PVC pipes of approved make of (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, long screw, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps 50mm dia .6x2+1.5x3+ 1.2=	metre	406	6.9	2801.4
3	It6 Pg 32/114	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer 3000litre	nos	18639	3	55917
4	It 10 Pg 32/114	Labour for hoisting plastic water storage tank. Above 1500 litre upto 5000 litre capacity.	nos	292	3	876
5	It 11 Pg 33/114	Lowering G.I. tank (upto 1812 litre capacity).	nos	384	4	1536
6	It13 Pg 33	Labour for punching hole in plastic water storage tank upto 50 mm dia.	nos	19	6	114
						70289.4
		Add 12% GST				8434.728
						78724.13
		Add 1% Labour Cess				787.2413
						79511.37
						<b>79511</b>
						<b>79511</b>

ESTIMATE PREPARED BY  
S. SENGUPTA  
SAE CIVIL  
BALLYGUNGE

Total

**79511**

















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**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- 334 /19-20. Dated 19 / 11 / 2019</b>
2.	<b>Name of Work</b>	:	Estimate For Repairing & Renovation of 2nos Toilet & External surface of Press Staff Quarter at Hazra Road BallyGauj sc College Under University of Calcutta
3.	<b>Estimated Cost put to Tender</b>	:-	Rs458517.93
4.	<b>Earnest Money</b>	:-	A sum of <b>Rs22950/- (Twenty two thousand &amp; Nine hundred fifty only)</b> 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. 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.	<b>Time of completion</b>	:-	30days
6.	<b>Eligibility Criteria</b>	:-	<b>Valid trade License , GST &amp; 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.</b>
7.	<b>Last date of receipt of application for tender</b>	:-	NA
8.	<b>Last date of Sale/ issue of tender papers</b>		TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)
9.	<b>Last Date and Time of tender Submission</b>	:-	28.11.19 ( up to 2.00 PM)
10.	<b>Date and Time of Tender Opening</b>	:-	On or after 28.11.19 at 3:00 PM

**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:-Estimate For Repairing & Renovation of 2nos Toilet & External surface  
of Press Staff Quarter at Hazra Road BallyGaunj sc College Under University of  
Calcutta

**N. I.T. no-** Eng /CT- 334 /19-20.      **Dated** 19 / 11 / 2019

**Estimated cost Put to Tender:-**Rs458517.93

**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- /19-20. Dated / 11 / 2019

## TENDER AND CONTRACT FOR WORK

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7.A sum of 5% of the estimated amount i.e value **as mentioned in the NIT**.in the form of demand draft in favour of UNIVERSITYOF 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.

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.

**Amount:-Rs**

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

**Name of Issuing Bank:--**

**B ranch :-**



**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.

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Sd/-

University Engineer

Name of the Agency:

Address :-

**SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE**

**Repairing & Renovation of 2nos Toilet & External surface of Press Staff Quarter at Hazra Road BallyGaunj  
sc College Under University of Calcutta**

SI No	Description of Work	Unit	Rate	Quantity	Amount
1	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. <b>Page No:-11,Item No-10,a,Pwd '17</b>	Sqm	19.00	102.32	1944.08
2	Dismantling R.C. floor, roof, beams etc. including cutting rods and removing rubbish as directed within a lead of 75 m. including stacking of steelbars. (a) In First floor including roof. <b>Page No:-10,Item-3,PWD'17</b>	Cum	1956.00	1.24	2425.44
3	Removal of rubbish,earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge <b>Page No:-12,Item No-13,Pwd '17</b>	Cum	166.00	2.69	445.94
4	Cleaning the concrete surface by removing dirt and debris, marking defectivelocations and removing loose concrete by careful stripping untill hard surfaceis 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>Page No:-45,Item No-5,Pwd '17</b>	Sqm	90.00	9.12	820.80
5	Cleaning the exposed reinforcement preferably upto full diameter by wirebrush, applying two coats of polymer based rust removing compound left for 24 hours, removing the coating and then applying two (2) coats of polymermodified anti corrosive protective coating formulated to inhibit the corrosionof reinforcement as permanufacturer'sspecification] <b>Page No:-45,Item No-5,Pwd '17 Same as item no-5</b>	Sqm	782.00	9.12	7131.84

6	Applying 2 coats of bonding agent with synthetic multi functional rubberemulsion having adhesive and water proofing properties by mixing with water in proportion (1 bonding agent : 4 water : 6 cement) as per Manufacturer's specification [Cement to be supplied by the Department] Same as serial no-1 <b>Page No:-45,Item No-8,a,Pwd '17</b>	Sqm	88.00	102.32	9004.16
7	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. Same as serial No:-1 <b>Page No:-45,Item No-8,a,Pwd '17</b>	Sqm	258.00	102.32	26398.56
8	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.)37.5 mm thick <b>Page No:-41(19of96),Item No-33,Pwd '17(3rd corrigendum )</b>	Sqm	593.00	9.12	5408.16
9	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).With 1:3 cement mortar (a) 20 mm thick plaster <b>Page No:-189,Item No-iii,a,Pwd '17 (3rd corrigendum )</b>	Sqm	213.00	102.30	21789.90
10	Tuck pointing to brick work in cement mortar (1:3) including raking out joints. (Cement 0.119 Cu.m/100 Sq.m) <b>Page No:-192,Item No-14 Pwd '17 Same as item No-9</b>	Sqm	110.00	93.20	10252.00

11	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 gooddamages and finishing the surface to match with adjacent areas complete as per direction. <b>Page No:-275 (77 of 96),Item No-2,a,i,b Pwd '17 (3rd Corrigendum)</b>	Nos	102.00	100.00	10200.00
12	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. <b>Page No:-64 (35 of 96),Item No-35,a,b,1 Pwd '17 (3rd Corrigendum)</b>	Sqm	920.00	6.40	5888.00
13	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. <b>Page No:-64 (36 of 96),Item No-35,B,b,1 Pwd '17 (3rd Corrigendum)</b>	Sqm	1109.00	41.68	46223.12
14	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. <b>Page No:-24 of 315 Item No-4,a ,pwd17</b>	Cum	5460.00	1.24	6770.40
15	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) <b>Page No:-42 of 315 Item No-36,c ,pwd17</b>	Sqm	369.00	6.40	2361.60
16	Rendering the Surface of walls and ceiling with White Cement base WATER PROOF wall putty of approved make & brand.(1.5 mm thick) <b>Page No:-198,Item No-5,pwd17</b>	Sqm	122.00	102.32	12483.04

17	Removing loose scales, blisters etc. from old painted surface and thoroughly smoothening the surface to make the same suitable for receiving fresh coat of paint. <b>Page No:-203,Item No-b,1,pwd17 8</b>	Sqm	21.00	171.52	3601.92
18	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 throughly, complete as per manufacturer's specification and as per direction of the EIC. (In Ground Floor) (a) One Coat i) Water based interior grade Acrylic Primer <b>Page No:-195,Item No-7,a,pwd17</b>	Sqm	30.80	53.88	1659.50
19	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty (to be done under specific instruction of Superintending Engineer) : (Two coats)ii) Luxury Quality <b>Page No:-201,Item No-4,pwd17</b>	Sqm	70.00	53.88	3771.60
20	Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to receivedecorative textured (matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface throughly, complete as per manufacturer's specification and as per direction of the EIC. <b>Page No:-196,Item No-8,b,pwd17</b>	Sqm	45.10	127.00	5727.70
21	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer.c) Super Protective 100% Acrylic Emulsion. <b>Page No:-196,Item No-8,b,pwd17</b>	Sqm	97.00	127.00	12319.00



22	<p>Supplying, Fitting &amp; 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. 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 &amp; 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 (5mmx2) 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 &amp;rails with 7 mm (5mm+2 mm) th.x15 mm wide PVC sheet beading on inner side and joined togetherwith solvent cement adhesive. An additional 5 mm th. PVC strip of 20 mm which is to be stuck on the interior side of the "C" channel using PVC solvent adhesiveetc. complete excluding all necessary hardwares as per direction of Engineer-in-</p> <p><b>Page No:-126,Item No-16,pwd17</b></p> <p>Charge. Door :-4*2.1*1.00=8.4</p>	Sqm	2438.00	8.40	20479.20
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23	<p>Supplying, fitting &amp; fixing factory made foam PVC (density shall not be less than 600 kg/cum) door frame (finished weight of 2.73 kg/mtr.) of size 100mm X 45mm made off with 5mm thick extruded foam PVC sheet, mitre cut at junction of horizontal and vertical member and joined them by heat welding. Entire door frame profiles to be reinforced with steel primer coated 19 SWG 40mm X 20mm M.S. tube. An additional 5mm thick PVC sheet with desired colour/shade to be provided at the exposed surface and three nos 5mm thick PVC sheet to be provided as gap insert. The door frame to be fixed with wall by using 8mm dia. and 100mm long stainless steel screws and PVC fasteners. A minimum of 4 nos. screws to be provided for each vertical member &amp; 2 nos. for horizontal member all complete as per direction of Engineer-in-Charge.</p> <p><b>Page No:-196,Item No-8,b,pwd17</b></p>	Mtr	20.80	562.00	11689.60
24	<p>Labour for Chipping of concrete surface before taking up Plastering work.</p> <p><b>Page No:-192,Item No-1,pwd17</b></p>	Sqm	21.00	6.40	134.40
25	<p>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 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.(a) For works in foundation and upto roof of ground floor/upto 4 m i) Tor steel/Mild Steel I. SAIL/ TATA/RINL</p>	Kg	58.25	104.89	6109.84
26	<p>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.</p> <p><b>Page No:-11,Item No-8,pwd17 Sheet :-</b></p>	Sqm	41.00	117.29	4808.89

27	Supplying, fitting & fixing Zn-Al alloy (55% Al & 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 & 25 mm self tapping screw, EPDM Washer 16 mm dia & 3 mm th. washer etc. complete with 150 mm end lap and one corrugation minimum side lap. a) With 0.5 mm thick sheet <b>Page No:-11,Item No-8,pwd17</b>	Sqm	787.00	117.29	92307.23
28	(a) M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. (i) Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr.. <b>Page No:-104(page 91 of 96),3rd Corrigendum,Item No-13,a,pwd17</b>	Qntl	9888.00	6.00	59328.00
29	Supplying, fitting and fixing windows and ventilators with or withoutintegrated grills conforming to IS 1038-1975 and manufactured fromrolled steel sections conforming to IS 7452-1974 with non-frictionprojecting type, box type hinges, glazing clips, lugs locking bracket,handle plate etc, including hoisting in position, straightening if required, fixing lugs in cement concrete ( 1:2:4) with stone chips 20mm down cutting holes and mending good damages to match withexisting surface complete in all respect excluding glazing. <b>Page No:-107(page 93 of 96),3rd Corrigendum,Item No-20,b,pwd17</b>				
	Openable steel windows as per IS sizes with side hung shuttersand horizotal glazing bars. [The extra rate admissible for theopenable portion only]	Sqm	2199.00	6.30	13853.70
A	Total Tentative Basic cost				<b>405337.63</b>
B	Goods & Service Tax onA@12%				<b>48640.52</b>
C	total Tentative cost+GST (A+B)				<b>453978.14</b>
D	ADD 1% Labour Welfare Cess on C				<b>4539.78</b>
					<b>458517.93</b>

**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**  
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-335 /19-20. Dated 19 / 11 / 2019</b>
2.	<b>Name of Work</b>	:	Repairing & Renovation of Room No-245 zoology Department at Ballygaunjscience college ,University of Calcutta .
3.	<b>Estimated Cost put to Tender</b>	:-	Rs86474.34
4.	<b>Earnest Money</b>	:-	A sum of <b>Rs4324/- (Four Thousand three and twenty four only)</b> 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. 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.	<b>Time of completion</b>	:-	30days
6.	<b>Eligibility Criteria</b>	:-	<b>Valid trade License , GST &amp; 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.</b>
7.	<b>Last date of receipt of application for tender</b>	:-	NA
8.	<b>Last date of Sale/ issue of tender papers</b>		TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)
9.	<b>Last Date and Time of tender Submission</b>	:-	28.11.19 ( up to 2.00 PM)
10.	<b>Date and Time of Tender Opening</b>	:-	On or after 28.11.19 at 3:00 PM

**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:-Repairing & Renovation of Room No-245 zoology Department at Ballygaunjscience college ,University of Calcutta .

**N. I.T. no-** Eng /CT- 335 /19-20.      **Dated** 19 / 11 / 2019

**Estimated cost Put to Tender:-**Rs86474.34

**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- 335 /19-20. Dated 19 / 11 / 2019

## 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 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.

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 value **as mentioned in the NIT**.in the form of demand draft in favour of UNIVERSITYOF 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.

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.

**Amount:-Rs**

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

**Name of Issuing Bank:--**

**B ranch :-**



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 other wise 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 CONTRACTOR WITH SEAL AND DATE**

**Repairing & Renovation of Room No-245 zoology Department at Ballygaunjscience college ,University of Calcutta .**

SI No	Description of Work	Unit	Rate	Quantity	Amount
1	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. <b>Page No:-11,Item No-10,a,Pwd '17</b>	Sqm	19.00	15.31	290.82
2	Dismantling R.C. floor, roof, beams etc. including cutting rods and removing rubbish as directed within a lead of 75 m. including stacking of steelbars. (a) In First floor including roof. <b>Page No:-10,Item-3,PWD'17</b>	Cum	1956.00	1.02	1995.90
3	Removal of rubbish,earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge <b>Page No:-12,Item No-13,Pwd '17</b>	Cum	166.00	1.33	220.15
4	Cleaning the concrete surface by removing dirt and debris, marking defectivelocations and removing loose concrete by careful stripping untill hard surfaceis 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>Page No:-45,Item No-5,Pwd '17</b>	Sqm	90.00	10.24	921.73
5	Cleaning the exposed reinforcement preferably upto full diameter by wirebrush, applying two coats of polymer based rust removing compound left for 24 hours, removing the coating and then applying two (2) coats of polymermodified anti corrosive protective coating formulated to inhibit the corrosionof reinforcement as permanufacturer'sspecification] <b>Page No:-45,Item No-5,Pwd '17 Same as item no-4</b>	Sqm	782.00	10.24	8007.68

6	Applying 2 coats of bonding agent with synthetic multi functional rubber emulsion having adhesive and water proofing properties by mixing with water in proportion (1 bonding agent : 4 water : 6 cement) as per Manufacturer's specification [Cement to be supplied by the Department] Same as serial no-1 <b>Page No:-45,Item No-8,a,Pwd '17</b>	Sqm	88.00	15.31	1347.28
7	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. Same as serial No:-1 <b>Page No:-45,Item No-8,a,Pwd '17</b>	Sqm	258.00	15.31	3949.98
8	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.)37.5 mm thick <b>Page No:-41(19of96),Item No-33,Pwd '17(3rd corrigendum ) Same as item no-4</b>	Sqm	593.00	10.24	6072.32
9	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).With 1:3 cement mortar (a) 20 mm thick plaster <b>Page No:-189,Item No-iii,a,Pwd '17 (3rd corrigendum )</b>	Sqm	213.00	15.31	3261.03
10	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. <b>Page No:-64 (36 of 96),Item No-35,B,b,1 Pwd '17 (3rd Corrigendum)</b>	Sqm	1109.00	21.27	23591.76

11	Rendering the Surface of walls and ceiling with White Cement base WATER PROOF wall putty of approved make & brand.(1.5 mm thick) <b>Page No:-198,Item No-5,pwd17</b>	Sqm	122.00	72.15	8802.30
12	Removing loose scales, blisters etc. from old painted surface and thoroughly smoothening the surface to make the same suitable for receiving fresh coat of paint. <b>Page No:-203,Item No-b,1,pwd17 Same AS Item No-11</b>	Sqm	21.00	72.15	1515.15
13	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 throughly, complete as per manufacturer's specification and as per direction of the EIC. (In Ground Floor) (a) One Coat i) Water based interior grade Acrylic Primer <b>Page No:-195,Item No-7,a,pwd17</b>	Sqm	30.80	72.15	2222.22
14	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty (to be done under specific instruction of Superintending Engineer) : (Two coats)ii) Luxury Quality <b>Page No:-201,Item No-4,pwd17</b>	Sqm	70.00	72.15	5050.50
15	Labour for Chipping of concrete surface before taking up Plastering work. <b>Page No:-192,Item No-1,pwd17</b>	Sqm	21.00	21.27	446.67
16	Cleaning glazed tiles with acid. <b>Page77 of 315,Item no:-12 PWD'2017</b>	Sqm	10.00	25.60	256.04
17	Flush pointing to tiled floor in cement mortar (1:4) with admixtureof pigment to match with colour of tiles including raking outjoints. <b>Page191 of 315,Item no:-9,PWD'2017</b>	Sqm	79.00	25.60	2022.40
18	Removing old paint from blistered painted surface with application ofsoda, sajimati or any approved chemical paint remover and exposing theoriginal surface including cleaning and thorough washing to remove alltraces of the removing agent including taking out shutters and refixingthesame where necessary. <b>Page203 of 315,Item no:-2,PWD'2017</b>	Sqm	39.00	16.69	650.99

19	Removing old paint from blistered painted surface of steel or other metal by chipping including scraping and cleaning and exposing the original surface. <b>Page 203 of 315, Item no:-3 PWD'2017</b>	Sqm	47.00	4.32	203.04
20	Priming one coat on timber or plastered surface with synthetic oilbound primer of approved quality including smoothing surfaces by sandpapering etc. <b>Page 200 of 315, Item no:-1 (b)</b>	Sqm	38.00	16.69	634.22
21	(a) Priming one coat on steel or other metal surface with synthetic oilbound primer of approved quality including smoothing surfaces by sandpapering etc. <b>Page 200 of 315, Item no:-1(b) PWD'2017</b>	Sqm	29.00	4.32	125.28
22	(A) 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 : (a) On timber or plastered surface : With super gloss (hi-gloss) - iv) Two coats (with any shade except white) <b>Page 200 of 315, Item no:-2,(a), (iv) PWD'2017</b>	Sqm	81.00	16.69	1351.89
23	(A) 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 : (b) On steel or other metal surface : With super gloss (hi-gloss) - iv) Two coats (with any shade except white) <b>Page 200 of 315, Item no:-2,(a), (iv) PWD'2017</b>	Sqm	79.00	4.32	341.28
24	Applying epoxy based reactive joining agent for joining the old concrete with fresh concrete to be applied within manufacturer's specified time as per manufacturer's specification. (0.4 Kg / m <sup>2</sup> of concrete surface). <b>Page No:-45 of 315, Item No-7.Pwd"17</b>	Sqm	309.00	10.24	3164.16
A	Total Tentative Basic cost				<b>76444.78</b>
B	Goods & Service Tax on A @ 12%				<b>9173.37</b>
C	total Tentative cost + GST (A+B)				<b>85618.16</b>
D	ADD 1% Labour Welfare Cess on C				<b>856.18</b>
					<b>86474.34</b>

**Name and Address of the Agency:-**

**Rate Quoted :- ( in figure)- .....**

**(In words):- .....**

**Signature of the Agency with date and seal:-**



**UNIVERSITY OF CALCUTTA**  
OFFICE OF THE UNIVERSITY ENGINEER  
87/1 College Street  
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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- 336 /19-20. Dated 19 / 11 / 2019</b>
2.	<b>Name of Work</b>	:	Repairing & Renovation of Room No-332 Botany Department at Ballygaunj science college ,University of Calcutta .
3.	<b>Estimated Cost put to Tender</b>	:-	Rs214182.05
4.	<b>Earnest Money</b>	:-	A sum of <b>Rs10709/- (Ten Thousand seven hundred nine only)</b> 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 deducted 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.	<b>Time of completion</b>	:-	30days
6.	<b>Eligibility Criteria</b>	:-	<b>Valid trade License , GST &amp; 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.</b>
7.	<b>Last date of receipt of application for tender</b>	:-	NA
8.	<b>Last date of Sale/ issue of tender papers</b>		TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)
9.	<b>Last Date and Time of tender Submission</b>	:-	28.11.19 ( up to 2.00 PM)
10.	<b>Date and Time of Tender Opening</b>	:-	On or after 3:00 PM on 28.11.19

**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:-Repairing & Renovation of Room No-332 Botany Department at Ballygaunj science college ,University of Calcutta .

**N. I.T. no-** Eng /CT- 336 /19-20. **Dated** 28 / 11 / 2019

**Estimated cost Put to Tender:-**Rs214182.05

**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- 336 /19-20. Dated 19 / 11 / 2019

## 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 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.

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 value **as mentioned in the NIT**.in the form of demand draft in favour of UNIVERSITYOF 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.

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.

**Amount:-Rs**

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

**Name of Issuing Bank:--**

**B ranch :-**



**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 other wise 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 CONTRACTOR WITH SEAL AND DATE**

<b>Repairing &amp; Renovation of Room No-332 Botany Department at Ballygaunj science college ,University of Calcutta .</b>					
<b>SI No</b>	<b>Description of Work</b>	<b>Unit</b>	<b>Rate</b>	<b>Quantity</b>	<b>Amount</b>
1	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. <b>Page No:-11,Item No-10,a,Pwd '17</b>	Sqm	19.00	62.15	1180.92
2	Dismantling R.C. floor, roof, beams etc. including cutting rods and removing rubbish as directed within a lead of 75 m. including stacking of steelbars. (a) In First floor including roof. <b>Page No:-10,Item-3,PWD'17</b>	Cum	1956.00	3.62	7082.44
3	Removal of rubbish,earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge <b>Page No:-12,Item No-13,Pwd '17</b>	Cum	166.00	4.86	807.26
4	Cleaning the concrete surface by removing dirt and debris, marking defectivelocations and removing loose concrete by careful stripping untill hard surfaceis 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>Page No:-45,Item No-5,Pwd '17</b>	Sqm	90.00	36.21	3258.79
5	Cleaning the exposed reinforcement preferably upto full diameter by wirebrush, applying two coats of polymer based rust removing compound left for 24 hours, removing the coating and then applying two (2) coats of polymermodified anti corrosive protective coating formulated to inhibit the corrosionof reinforcement as permanufacturer'sspecification] <b>Page No:-45,Item No-5,Pwd '17 Same as item no-4</b>	Sqm	782.00	36.21	28316.22

6	Applying 2 coats of bonding agent with synthetic multi functional rubberemulsion having adhesive and water proofing properties by mixing with water in proportion (1 bonding agent : 4 water : 6 cement) as per Manufacturer's specification [Cement to be supplied by the Department] Same as serial no-1 <b>Page No:-45,Item No-8,a,Pwd '17</b>	Sqm	88.00	62.15	5469.20
7	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. Same as serial No:-1 <b>Page No:-45,Item No-8,a,Pwd '17</b>	Sqm	258.00	36.21	9342.18
8	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.)37.5 mm thick <b>Page No:-41(19of96),Item No-33,Pwd '17(3rd corrigendum )</b>	Sqm	593.00	36.21	21472.53
9	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).With 1:3 cement mortar (a) 20 mm thick plaster <b>Page No:-189,Item No-iii,a,Pwd '17 corrigendum )</b>	Sqm	213.00	25.95	5527.35

10	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. <b>Page No:-64 (36 of 96),Item No-35,B,b,1 Pwd '17 (3rd Corrigendum)</b>	Sqm	1109.00	18.86	20915.74
11	Rendering the Surface of walls and ceiling with White Cement base WATER PROOF wall putty of approved make & brand.(1.5 mm thick) <b>Page No:-198,Item No-5,pwd17</b>	Sqm	122.00	277.96	33911.12
12	Removing loose scales, blisters etc. from old painted surface and thoroughly smoothening the surface to make the same suitable for receiving fresh coat of paint. <b>Page No:-203,Item No-b,1,pwd17 Same AS Item No-11</b>	Sqm	21.00	277.96	5837.16
13	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 throughly, complete as per manufacturer's specification and as per direction of the EIC. (In Ground Floor) (a) One Coat i) Water based interior grade Acrylic Primer Same as Item No-11 <b>Page No:-195,Item No-7,a,pwd17</b>	Sqm	30.80	277.96	8561.17
14	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty (to be done under specific instruction of Superintending Engineer) : (Two coats)ii) Luxury Quality Same As Item No-11 <b>Page No:-201,Item No-4,pwd17</b>	Sqm	70.00	277.96	19457.20
15	Labour for Chipping of concrete surface before taking up Plastering work. Same as item no:-10 <b>Page No:-192,Item No-1,pwd17</b>	Sqm	21.00	19.00	399.00



16	Removing old paint from blistered painted surface with application of soda, sajimati or any approved chemical paint remover and exposing the original surface including cleaning and thorough washing to remove all traces of the removing agent including taking out shutters and refixing the same where necessary. <b>Page 203 of 315, Item no:- 2, PWD'2017</b>	Sqm	39.00	33.38	1301.98
17	Removing old paint from blistered painted surface of steel or other metal by chipping including scraping and cleaning and exposing the original surface. <b>Page 203 of 315, Item no:- 3 PWD'2017</b>	Sqm	47.00	8.64	406.08
18	Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothing surfaces by sandpapering etc. <b>Page 200 of 315, Item no:- 1 (b)</b>	Sqm	38.00	33.38	1268.44
19	(a) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothing surfaces by sandpapering etc. Page 200 of 315, Item no:- 1(b) PWD'2017	Sqm	29.00	8.64	250.56
20	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothing surface by sandpapering etc. including using of approved putty etc. on the surface, if necessary : (a) On timber or plastered surface : With super gloss (hi-gloss) - iv) Two coats (with any shade except white) Page 200 of 315, Item no:- 2, (a), (iv) PWD'2017	Sqm	81.00	33.38	2703.78
21	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothing surface by sandpapering etc. including using of approved putty etc. on the surface, if necessary : (b) On steel or other metal surface : With super gloss (hi-gloss) - iv) Two coats (with any shade except white) Page 200 of 315, Item no:- 2, (a), (iv) PWD'2017	Sqm	79.00	8.64	682.56
22	Applying epoxy based reactive joining agent for joining the old concrete with fresh concrete to be applied within manufacturer's specified time as per manufacturer's specification. (0.4 Kg / m <sup>2</sup> of concrete surface). Page No:- 45 of 315, Item No- 7. Pwd'17	Sqm	309.00	36.21	11188.89

A	Total Tentative Basic cost	<b>189340.57</b>
B	Goods & Service Tax onA@12%	<b>22720.87</b>
C	total Tentative cost+GST (A+B)	<b>212061.44</b>
D	ADD 1% Labour Welfare Cess on C	<b>2120.61</b>
		<b>214182.05</b>

**Name and Address of the Agency:-**

**Rate Quoted :- ( in figure)- .....**

**(In words):- .....**

**Signature of the Agency with date and seal:-**



**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- 337 /19-20. Dated 19 / 11 / 2019</b>
2.	<b>Name of Work</b>	:	COST ESTIMATE FOR <i>the work of urgent dismantling of existing wooden structure and renovation work in the room no C/3-1(provisionally allocated for Smart class room under CBCS format2019), Political Science department,Alipore Campus,(C.U), 1,reformatory street, Kolkata-27.</i>
3.	<b>Estimated Cost put to Tender</b>	:-	Rs 26890.00
4.	<b>Earnest Money</b>	:-	A sum of <b>Rs1350/- (Rupees one thousand three hundred fiftyonly)</b> .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. 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.	<b>Time of completion</b>	:-	21 days
6.	<b>Eligibility Criteria</b>	:-	<b>Valid trade License , GST &amp; 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.</b>
7.	<b>Last date of receipt of application for tender</b>	:-	NA
8.	<b>Last date of Sale/ issue of tender papers</b>		TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)
9.	<b>Last Date and Time of tender Submission</b>	:-	<b>28 /11 / 2019.</b> ( up to 2.00 PM)
10.	<b>Date and Time of Tender Opening</b>	:-	On or after 3:00 PM <b>28 / 11 / 2019</b>

**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:-** COST ESTIMATE for the work of urgent dismantling of existing wooden structure and renovation work in the room no C/3-1 (provisionally allocated for Smart class room under CBCS format 2019), Political Science department, Alipore Campus, (C.U), 1, reformatory street, Kolkata-27.

**N. I.T. no-** Eng /CT- 337 /19-20.      **Dated** 19 /11 / 2019

**Estimated cost Put to Tender:-** Rs 26890.00

**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.T. no-** Eng /CT- 337 /19-20.      **Dated** 19 /11 / 2019

## 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 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.

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 Guarantee 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. value **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:-Rs1350/-**

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

**Name of Issuing Bank:--**

**B ranch :-**

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 other wise 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 CONTRACTOR WITH SEAL AND DATE**

## PRICE LIST

COST ESTIMATE FOR the work of urgent dismantling of existing wooden structure and renovation work in the room no C/3-1(provisionally allocated for Smart class room under CBCS format2019), Political Science department,Alipore Campus,(C.U), 1, reformatory street, Kolkata-27. (period – 21 days )

The estimate based on 2017 P. W. D. Schedule & any non work schedule item rate follow the 2017 P. W. D. schedule. )

Sl no	Description of work	Unit	Rate	qty	Amount(Rs.)
1	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.(page-96/10) [ $\{3x(7.9+7.9)x2+7.9x7.9+7.9x0.5x2+5.3x0.3x2x2\}-1.67x0.95\}$ sq.m.=169.47sq.m.	Sq.m.	19/-	169.89	3227.91
2	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. <b>Two Coats (page-196/11)</b> $\{169.89-(2.1x1.15+1.5x1x1+4.25x1.8)\}$ sq.m. =153.50 sq.m.	Sq.M	68/-	153.50	10438.00
3	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc(page-200/2/A/iv) Two coats,any shade except white Total area= $(2.1x1.15x3+1.5x1x1+4.25x1.8)$ sq.m. = 16.39sq.m.	Sq.M	81/-	16.39	1327.59
4	Priming one coat on timber or plastered and steel surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc. $\{3x2x(7.9+7.9)+7.9x7.9+7.9x0.5x2+5.3x0.3x2x2\}$ sq.m.=171.47sq.m.	Sq.m.	38/-	171.47	6515.86
5	Existing Wooden structure dismantling and removing	L.S.	--	--	2500.00
	<b>Total tentative cost</b> Including @ 12% GST-----			+	Rs. 24009.36
				Total====	Rs 2881.12
				Say -----	Rs 26890.48
					Rs.26890.00
Total	<b>Rupees</b> Twenty six thousand,Eighthundred,ninety only				



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Name of the Agency –

Address of the Agency-

Amount or Rate quoted by the Agency –

Signature of the Agency with Date –



**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-338 /19-20. Dated -19 / 11 / 2019</b>
2.	<b>Name of Work</b>	:	COST ESTIMATE FOR <i>the work of renovation and thorough (inside and outside faces) repairing work in the new academic building in home science department at V.L. College Campus.( C.U.) Hasting House Compound. Kolkata-27.</i>
3.	<b>Estimated Cost put to Tender</b>	:-	<b>Rs423377.00</b>
4.	<b>Earnest Money</b>	:-	A sum of <b>Rs21200 /-</b> ( <b>Rupees twenty one thousand two hundred only</b> ).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. 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.	<b>Time of completion</b>	:-	<b>60 days</b>
6.	<b>Eligibility Criteria</b>	:-	<b>Valid trade License , GST &amp; 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.</b>
7.	<b>Last date of receipt of application for tender</b>	:-	NA
8.	<b>Last date of Sale/ issue of tender papers</b>		TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)
9.	<b>Last Date and Time of tender Submission</b>	:-	<b>28 / 11 / 2019.</b> ( up to 2.00 PM)
10.	<b>Date and Time of Tender Opening</b>	:-	On or after 3:00 PM <b>28 / 11 / 2019</b>

**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:**-COST ESTIMATEforthe work of renovation and thorough (inside and outside faces) repairing work in the new academic building in home science department at V.L. College Campus.( C.U.) Hasting House Compound. Kolkata-27.

**N. I.T. no-** Eng /CT- 338 /19-20.      **Dated -** 19 / 11 / 2019

**Estimated cost Put to Tender:-Rs 4,23,377.00**

**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.T. no-** Eng /CT- 338 /19-20.      **Dated - 19 / 11 / 2019**

## **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 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.

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 value **as mentioned in the NIT**.in the form of demand draft in favour of UNIVERSITYOF 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:-Rs21200/-**

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

**Name of Issuing Bank:--**

**B ranch :-**

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 other wise 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 CONTRACTOR WITH SEAL AND DATE**

**Cost Estimate for the work of renovation and thorough (inside and outside faces) repairing work in the new academic building in home science department at V.L. College Campus.( C.U.) Hasting House Compound. Kolkata-27.**

Sl no	Description of work	Unit	Rate	qty	amount
1	<p>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.(page-96/10)</p> <p><math>[2x(8.8+12.65)x3.9+(8.8x12.65)+2x3.9x(9.5+3)+9.5x3+3x0.5x2x14.75+3x0.5x2x22.8+2x(2.1+8.8)x3.9+2.1x8.8+2x3.9x((2.1+14)+2.1x14+2x3.9x(10.9+12.5))+10.9x12.5+2x3.9x(3.1+3)+3.1x3]=1151.41Sq.M. +[22.8x5.5+2x14.75x5.5+4x(7.5+2.5)x2.1+3.9x2.5x2+2.1x7.5x2]422.65sq.m..total=1574.06sq.m.@60%=944.43sq.m.</math></p>	Sq.m.	19/-	944.43	17944.17
2	<p>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(page-189/1/b) cost of chipping over concrete surface] (i) <b>With 1:6 cement mortar</b> 20 mm thick plaster(quantity same as item no 1.)</p>	Sq.M	167/-	944.43	157719.81
3	<p>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. <b>Two Coats (page-196/11)</b> Details in 1 no item description of work</p>	Sq.M	68/-	1151.41	Rs.78295.88
4	<p>Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc(page-200/2/A/iv) Two coats,any shade except white</p>	Sq.M	81/-	38.76	Rs 3139.56
5	<p>Priming one coat on timber or plastered and steel surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc. <math>(57+1151.41+76.98)=1285.39sq.m.</math></p>	Sq.m.	38/-	1285.39	48844.82



6	<p>Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to receive decorative textured (matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the EIC.(page-196/8)(details measurements entered in item no-1)</p> <p><b>In Ground Floor:quantity=422.65 sq.m.</b> (a) One Coat</p>	%Sq.m.	3140/-	422.65	13271.21
7	<p>Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer.(page-197/17)</p> <p><b>In Ground floor (Two Coat)</b> a) Normal Acrylic Emulsion Sq.M 67</p>	Sq.m.	67/-	422.65	28317.55
8	<p>Scraping of moss, blisters etc.thoroughly from exterior surface of walls necessitating the use of scraper, wire brush etc.(Payment against this item will be made only when this has been done on the specific direction(page-198/1) of the Engineer-in-charge)9details entered in item no -1) quantity=40%of 1574.06=629.62sq.m.</p> <p>Sq.M 7</p>	Sq.m.	7/-	629.62	4407.34
9	<p>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 excluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be corrected upto three decimals).(page-114/1)</p> <p>d) Sal : Local. (1.2x2+2.7)x.1x.075=0.038cu.m.</p>	Cu.m.	77671/-	0.038	2951.49
10	<p>Supplying solid flush type doors of deluxe decorative (both side) quality, conforming to I:S 2202 timber frame consisting of top and bottom rail and side styles of well seasoned timber 65mm wide each and the entire frame fitted with 27.5mm wide battens places both ways in order to made the door of solid core and internal lipping with teak, mehoginy or rose wood approved decorative veneers using phenol formaldehyde as glue</p>	Sq.m.	3955/-	3.30	13051.50

	<i>etc. complete, including fitting, fixing the shutters in position but excluding the cost of hinges and other fittings in ground floor @page-124/12)</i> <i>(a) 35mm thick shutters (single leaf)</i> <i>(1.225x2.7)=3.30Sq.M.</i>				
11	<i>Door fittings :Supplying 'Godrej' mortice lock chromium plated with keys 6 levers including fitting&amp; fixing complete. (page-143/16/b)</i> <i>Each 1954</i>	<i>each</i>	<i>1954/-</i>	<i>1</i>	<i>1954.00</i>
12	<i>Add damp proofing and bonding compound for repairing of plastering work or concreting works(15 ltrs.plastocrete super+10 ltrs of sika latex)</i>	<i>Ltr.</i>	<i>175/-</i>	<i>25</i>	<i>4375.00</i>
	<b>Total tentative cost</b> <i>Including @ 12% GST-----</i>  <i>Adding@ 1% L.W.Cess-----</i>			<i>+</i>  <i>Total===</i> <i>+</i>  <i>All Total=</i> <i>Say -----</i>	<i>Rs374272.33</i> <i>Rs 44912.67</i> <hr/> <i>Rs 419185.00</i> <i>Rs 4191.85</i> <hr/> <i>Rs 423376.85</i> <hr/> <i>Rs 423377.00</i>
Total	<b>Rupees four lacs, twenty three thousand</b> <b>,three hundred,seventyseven only</b>				

Name of the Agency –

Address of the Agency-

Amount or Rate quoted by the Agency –

Signature of the Agency with Date –



**UNIVERSITY OF CALCUTTA**  
OFFICE OF THE UNIVERSITY ENGINEER  
87/1, College Street  
Darbhanga Building, GroundFloor  
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-339 /19-20. Dated:19.11.2019
2.	Name of the work:	<b><u>RENOVATION OF RESEARCH LABORATORY AND OFFICE SPACE ALLOTTED TO DR. SRIJIT BISWAS OF CHEMISTRY DEPARTMENT AT RAJA BAZAR SCIENCE COLLEGE.</u></b>
3.	Estimated Cost put to Tender:	<b><u>Rs.468318.27</u></b>
4.	Earnest Money:	A sum ofof <b>Rs.23450.0 ( Rupees twenty three thousand four hundred fifty only)</b> 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. 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:	60days
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	28.11.2019 ( up to 2.00 PM)
10.	Date and Time of Tender Opening	at 3:00 PM or after 28.11.2019

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:-**RENOVATION OF RESEARCH LABORATORY AND OFFICE SPACE ALLOTTED TO DR. SRIJIT BISWAS OF CHEMISTRY DEPARTMENT AT RAJA BAZAR SCIENCE COLLEGE.**

**N. I.T. no-** Eng /CT-339/19-20.      **Dated:** 19.11.2019

**Estimated cost Put to Tender:-Rs. 468318.27**

**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-339 /19-20. Dated:19.11.2019

## 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 UNIVERSITYOF 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.

Sd/-

University Engineer

Name of the Agency:

Address :-

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

**SPECIFIC PRICE SCHEDULE FOR RENOVATION OF RESEARCH LABORATORY AND OFFICE SPACE ALLOTTED TO  
DR. SRIJIT BISWAS OF CHEMISTRY DEPARTMENT AT RAJA BAZAR SCIENCE COLLEGE.**

SL.NO.	DESCRIPTION OF ITEM.	UNIT.	QUANTITY.	RATE. RS. P.	AMOUNT. RS. P.
1. (page303 Item4).	Labour charge for removing furniture to execute the work and re placing the same after complete the work.	Nos.	30.00	245.00	7350.00
2. (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.	Sqm.	60.00	19.00	1140.00
3. (page45 Item8).	Applying 2 coats of bonding agent with synthetic multi functional rubber emulsion having adhesive and water proofing properties by mixing with water in proportion (1 bonding agent : 4 water : 6 cement) as per Manufacturer's specification [Cement to be supplied by the Department] 50% of plaster area.	Sqm.	30.00	88.00	2640.00
4. (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 –charg. 37.5 mm thick.	Sqm.	25.00	587.00	14675.00
5. (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.	Mt.	0.52	59119.00	30741.88
6. (page16 Item16).	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor.	Sqm.	10.00	724.00	7240.00
7. (page26 Item10).	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.	Cum.	1.25	5912.18	7390.22
8. (page42 Item36).	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).	Sqm.	18.00	335.00	6030.00
9. (page43 Item40).	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 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.	Mt.	0.092	58249.00	5358.91
10. (page63 Item34).	Supplying, fitting & fixing granite slab 15mm to 18mm thick in floor, lobby, stair, landing and treads etc. over 20mm (avg) thick base of cement mortar (1:2) laid with white cement slurry @ 4.40Kg per Square meter before placing of granite and jointed with white cement slurry @ 2.0 Kg per square meter with necessary pigments and complete as per direction of Engineer-in-charge including cost of all materials, labours, curing and roughening of concrete surface complete.	Sqm.	10.00	2766.0	27660.00
11. (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.	80.00	195.00	15600.00
12. (page303 Item6).	Labour charge for removing damaged wooden partition.	Nos.	6.00	326.00	1956.00

13. (page64 Item35).	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.	Sqm.	70.00	585.00	40950.00
14. (page135 Item1).	Wood work in posts, post plates, rafters, battens, truss members, purlins etc. fitted and fixed complete (excluding the cost of bolts, paints, but including the cost of nails, screws etc.) (The quantum should be corrected up to three decimals). Sal-malaysian.	Cum.	0.10	83283.00	8328.30
15. (page303 Item1).	Labour charge for repairing wooden lab. Table, rack ,etc. by carpenter.	Nos.	15.00	326.00	4890.00
16. (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. (Payment will be made on finished length of the work). Fixed partitions. (Unsupported length of vertical member upto 1.5 mtr. Height of both ends of vertical member restrained but panels within 0.9 sq.m.) i) Top , bottom & side member.	Rm.	50.00	462.00	23100.00
	ii) intermediate member	Rm.	110.00	480.00	52800.00
	iii) glazing clip	Rm.	315.00	46.00	14490.0
17. (page239 Item2D).	Labour charge for Partly glazed and partly panelled partition or fixed glazing made of extruded and anodised alloy aluminium sections, fabrications after cutting to proper shape and size, drilling and aligning fitted with inbuilt locking arrangement cutting the glass / board (prelaminated / particle / block) to requisite shape and size moulding the edges fitted and fixed glazing clips and dry set neoprine /EPDM gasket, along with all other necessary arrangements for fixing the partition to walls,				

	floors, beams, columns polysulphide sealant for water proofing if necessary complete in all respect as per drawing and specifications and direction of the Engineer-in-charge.	Sqm.	35.00	728.00	25480.00
18. (page243 Item9).	Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987. 5mm thick coloured / tinted / smoke glass.	Sqm.	32.00	585.00	18720.00
19. (page172 Item1).	Wall panelling / partition with Melamine faced 3 layered flat pressed wood particle board of approved make and brand as per direction of Engineer - in - Charge of requisite grade bonded with phenol formaldehyde synthetic resin conforming to IS: 848 - 1974 (excluding the cost of supporting frame work and teak wood battens / lipping) Both side decorative laminate 9 mm thick	Sqm.	5.00	873.00	4365.00
20. (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.	Sqm.	230.00	33.70	7751.00
21. (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. Two Coats	Sqm.	230.00	70.00	16100.00
22. (page200 Item1).	Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.	Sqm.	130.00	38.00	4940.00
23. (page200 Item1).	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.	130.00	79.00	10270.00
24. (page202 Item10).	Copal varnish of approved quality including preparing surface. On old varnish surface including removing old varnish and exposing original surface. two coats.	Sqm.	75.00	252.00	18900.00
25. (page29	Supplying, fitting and fixing CPVC (Chlorinated Polyvinyl Chloride) pipes of approved make				

Item1).	conforming to IS-15778: 2007 . with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrow, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials 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 50mm.	Rmt.	15.00	658.00	9870.00
26. (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, longscrow, 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 accesories, specials. Payment for painting will be made seperately) 15 mm dia medium quality.	Rmt.	15.00	192.00	2880.00
27. (page42 Item5).	Supplying, fitting and fixing White Vitreous China Sink in position on C.I. brackets including two coats of painting of brackets. Plain edge sink with overflow 610mmx450mmx250mm	Nos.	4.00	5445.00	21780.00
28. (page45 Item9).	Supplying, fitting and fixing pillar cock of approved make. CP Pillar Cock - 15 mm. (Equivalent to Code No. 507 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	Nos.	8.00	555.00	4440.00
29. (page68 Item23).	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 75 mm dia.	Rmt.	5.00	241.00	1205.00

**ESTIMATED COST-----RS.418141.31**

**G.S.T @ 12 %-----RS.50176.96**

**TOTAL RS.468318.27**

**Name of the Agency**

**Address of the Agency**

**Rate quoted by the Agency**

**Signature of the Agency with date**



**UNIVERSITY OF CALCUTTA**  
OFFICE OF THE UNIVERSITY ENGINEER  
87/1, College Street  
Darbhanga Building, GroundFloor  
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-340 /19-20. Dated:19.11.2019
2.	Name of the work:	<b><u>FOR REPAIRING AND PAINTING SOME BORDER'S ROOM AND TOILET BLOCK AT P.G. MENS STUDENT HALL 1, VIDYA SAGAR STREET, KOLKATA-9 OF CALCUTTA UNIVERSITY.</u></b>
3.	Estimated Cost put to Tender:	<b><u>Rs.160293.30</u></b>
4.	Earnest Money:	A sum ofofRs.8050.00.00 ( Rupees eight thousand and fifty 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:	30days
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	28.11.2019( up to 2.00 PM)
10.	Date and Time of Tender Opening	at 3:00 PM or after 28.11.2019

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:-FOR REPAIRING AND PAINTING SOME BORDER'S ROOM AND TOILET BLOCK AT P.G. MENS STUDENT HALL 1, VIDYA SAGAR STREET, KOLKATA-9 OF CALCUTTA UNIVERSITY.

N. I.T. no- Eng /CT-340 /19-20. Dated: 19.11.2019

Estimated cost Put to Tender:-Rs. 160293.30

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-340 /19-20. Dated: 19.11.2019

## 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 UNIVERSITYOF 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.

Sd/-

University Engineer

Name of the Agency:

Address :-

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

**SPECIFIC PRICE SCHEDULE FORESTIMATE FOR REPAIRING AND PAINTING SOME BORDER'S ROOM AND TOILET BLOCK AT P.G. MENS STUDENT HALL 1, VIDYA SAGAR STREET, KOLKATA-9 OF CALCUTTA UNIVERSITY.**

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.	Sqm.	20.00	19.00	380.00
2. (page10 Item3).	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 bar.	Cum.	1.00	1956.00	1956.00
3. (page12 Item13).	Removal of rubbish,earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge.	Cum.	1.00	166.00	166.00
4. (page45 Item5).	Cleaning the concrete surface by removing dirt and debris, marking defective locations and removing loose concrete by careful stripping until 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.	Sqm.	20.00	90.00	1800.0
5. (page45 Item6).	Cleaning the exposed reinforcement preferably upto full diameter by wire brush, applying two coats of polymer based rust removing compound left for 24 hours, removing the coating and then applying two (2) coats of polymer modified anti corrosive protective coating formulated to inhibit the corrosion of reinforcement as per manufacturer's specification][Mode of measurement:The affected surface area of reinforcement shall be considered for payment]	Sqm.	1.50	782.00	1173.00
6. (page45 Item8).	Applying 2 coats of bonding agent with synthetic multi functional rubber emulsion having adhesive and water proofing properties by mixing with water in proportion (1 bonding agent : 4 water : 6 cement) as per Manufacturer's specification				

	[Cement to be supplied by the Department]	Sqm.	20.00	88.00	1760.00
7. (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. 37.5 mm thick.	Sqm.	20.00	587.00	11740.00
8. (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.	Sqm.	20.00	203.00	4060.00
9. (page126 Item16).	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. 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 inner side 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 mmx2) 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 "C" channel using PVC solvent adhesive etc. complete excluding all necessary hard wares as per direction of Engineer-in-Charge.	Sqm.	31.00	2438.00	75578.00
10. (page117 Item1).	Panel shutters of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of hinge and other fittings. 35mm thick shutters with 19mm thick panel of size 30 to 45 cm. Sishu, Gamar, Champ,Badam,Bhola, Mogra, Hallak.	Sqm.	2.5	2948.00	7370.00
11. (page152 Item30).	Labour for taking out door and window frame including shutter for repair or replacement of different parts of the frame & re fixing the same including mending good all damages complete. (Concrete and brick work for mending damage will be paid separate.	Sqm.	44.00	119.0	5236.00
12. (page145 Item29).	Anodised aluminium butt hinges of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 205/66) and fitted and fixed with cadmium plated screws:	Nos.	85.00	72.00	6120.00
13. (page145 Item28).	Anodised aluminium Aldrop / Sliding bolts of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 2681/66) fitted and fixed comp 250mm x 16mm dia bolt. etc	Nos.	45.00	233.00	10485.00
14. (page145 Item30).	Anodised aluminium D-type handle of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 230/72) fitted and fixed complete.	Nos.	30.00	97.00	2910.00
15. (page200 Item1b).	Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	Sqm.	80.00	38.00	3040.00
16. (page200 Item2).	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface,	Sqm.	80.00	79.00	6320.00
17.	Supplying best Indian sheet glass panes set				

(page205 Item1).	in putty and fitted and fixed with nails and putty complete. (In all floors for internal wall & upto 6 m height for external wall	Sqm.	3.00	536.00	1608.00
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**ESTIMATED COST-----RS.141702.00**

**G.S.T @ 12 %-----RS.17004.24**

**TOTAL-----RS.158706.24**

**LABOUR CESS @ 1 %-----RS.1587.06**

**TOTAL ESTIMATED COST-----RS.160293.30**

**Name of the Agency**

**Address of the Agency**

**Rate quoted by the Agency**

**Signature of the Agency with date**