



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- 162 /20-21	Dated :20.01.2021
2.	Name of Work	:	<u>REPAIRING OF DAMAGED GENERAL LABORATORY OF POLYMER SCIENCE AND TECHNOLOGY DEPARTMENT AFFECTED DUE TO AMPHAN CYCLONIC STORM AT RAJA BAZAR SCIENCE COLLEGE CAMPUS DURING THE YEAR 2020-21</u>	
3.	Estimated Cost put to Tender	:-	<u>Rs.149664.21</u>	
4.	Earnest Money Deposit(EMD)	:-	A sum of Rs.7500.00 (Rupees seven thousand and five hundred only) in the form of CTS demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. . EMD will be exempted for those bidders who are registered with NSIC or MSME subject to the submission of valid and authorized NSIC/MSME certificate of similar nature of work with the tender documents.	
5.	Bid validity period	:	60(sixty) days after opening of the tender.	
6.	Time of completion	:-	30days	
7.	Eligibility Criteria and Documents to be submitted along with Application.	:-	Valid trade License , GST & Pan and credential for satisfactory completion of similar nature of job. Amounting The intending bidder must attach the photo-copies of all the relevant documents such as Valid trade License , GST & Pan and credential for satisfactory completion of similar nature of job amounting 75 % of the estimated value in a single tender in the last three financial years in Government, or Government Undertaking or University of Calcutta with the tender documents and drop the sealed envelope in to the tender box kept at office of the undersigned. Only completion certificate of the work will be considered as Credential of works. Original documents may be asked for verification of technical checking on the date of tender opening. Failing to produce original documents, the tender will be rejected.	
8.	Last date of Sale/ issue of tender papers	:	TO BE DOWNLOADED FROM UNIVERSITY WEBSITE.(www. caluniv.ac.in) IN TENDER NOTICE	
9.	Last Date and Time of tender Submission	:-	Dully filled and signed tender/quotation to be submitted on 01.02.2021 (up to 2.00 PM) in to the Tender Box kept in the Office of the University Engineer	
10.	Date and Time of Tender Opening	:-	At 3:00 PM on 01.02.2021 or after at the Office of the University Engineer. Intending bidders are requested to be present at the time of opening tenders/quotations.	

N.B:
(i) N.I.T /NIQ no ,Name of work, name of the bidder and the date of opening tender/quotation should be written on the sealed envelope, failing which the tender/quotation will not be opened and thus cancelled.
(ii)The undersigned reserves the right to reject any or all Tenders/quotations without assigning any reason what so ever.

UNIVERSITY ENGINEER (C.U)



Name of the work:- REPAIRING OF DAMAGED GENERAL LABORATORY OF POLYMER SCIENCE AND TECHNOLOGY DEPARTMENT AFFECTED DUE TO AMPHAN CYCLONIC STORM AT RAJA BAZAR SCIENCE COLLEGE CAMPUS DURING THE YEAR 2020-21

N. I.T. no- Eng /CT- 162 /20-21

Dated :20.01.2021

Estimated cost Put to Tender:-Rs. 149664.21

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-162 /20-21 **Dated :**20.01.2021

TENDER AND CONTRACT FOR WORK

GENERAL TERMS AND DIRECTION FOR THE GUIDANCE OF CONTRACT

1. Eligible Tenders will have to download the tender papers from the website & drop the filled tender papers signed with seal and date at every page along with copy of Valid Trade license's, GST & PAN and Credential for satisfactory completion of similar nature of job amounting to at least seventy five percent of the job value in a single tender from any Government, Govt. undertaking or University of Calcutta in the last three financial year in sealed envelope in the Tender box kept in the Office of the undersigned with in the specified time mentioned in the NIT. which will be opened by the undersigned or by his representative with in the specified time and date mentioned in the NIT. The tendered must write the name of the work , NIT no , the date of opening and name of the bidder on the envelop failing which the tender will not be opened thus will be treated as cancelled.
2. The rate should be quoted after inspection of the site and inclusive of all incidental charges i.e. freight, insurances, labour insurances, handling charges, necessary government taxes, duties etc as well as the Water, Electricity charges which are to be paid as per rules .
3. The contractor shall be responsible to ensure compliance with the provision of minimum wages act 1948 as modified up to date and the rules made in respect of any employees, employed by the contractor directly or through the petty or subcontractor for the purpose of carrying this contract. The contractor shall be responsible for any damage, injury or loss caused by the work or workmen to any person, animal or material during the progress of work.
4. **Time Extension:**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.



5. Liquidated damage will be charged to the contractor, if they fail to complete the work within the stipulated time as per contract@0.01% per day to a maximum limit of 10 % of the contract value .

6. Earnest Money Deposit : Depending on the type of goods to be purchased or work to be done, Earnest Money Deposit (EMD), also known as Bid Security, may be obtained from the bidders-except those who are registered with National Small Industries Corporation (NSIC) or MSME to safeguard against a bidder withdrawing/altering his bid during the bid validity period. The bidders are required to furnish Earnest Money Deposit (EMD) along with their bids. Amount of Earnest Money Deposit (EMD) should be five per cent of the estimated value of the goods to be purchased or work to be done. The Earnest Money Deposit (EMD) may be accepted in the form of Account Payee Demand Draft, Banker's Cheque or a Bank Guarantee in acceptable form from any of the Nationalised Banks, safeguarding the purchaser's interest in all respects. The Earnest Money Deposit (EMD) shall remain valid for a period of sixty days beyond the final tender validity period. The Bid Validity Period may be extended if required.

7. Refund of Earnest Money Deposit (EMD): Earnest Money Deposit (EMD) furnished by all unsuccessful bidders should be returned to them without any interest whatsoever, at the earliest after the expiry of the final bid validity period but not later than forty five days after the award of the contract. Earnest Money Deposit (EMD) of the successful tenderer should be returned, without any interest whatsoever, after receipt of performance security from him as stipulated in the contract.

8. Forfeiture of Earnest Money Deposit (EMD): Earnest Money Deposit (EMD) of a tenderer shall be forfeited, if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of his tender. Further, if the successful tenderer fails to furnish the required performance security within the specified period, his Earnest Money Deposit (EMD) shall be forfeited.

9. Performance Security: To ensure due performance of the contract, performance security is to be obtained from the successful bidder awarded the contract except those who are registered with National Small Industries Corporation (NSIC). Performance Security should be of an amount of ten per cent of the value of the contract. Performance Security should be furnished in the form of an Account Payee Demand Draft, or Bank Guarantee from a Nationalised Bank in an acceptable form safeguarding the purchaser's interest in all respects. Performance Security is to be furnished within twenty one days after notification of the award of contract and it should remain valid for a period of sixty days beyond the date of completion of all contractual obligations of the supplier, including warranty obligations.

10. Refund of Performance Security: Performance Security should be refunded to the supplier without any interest, whatsoever, after he duly performs and completes the contract in all respects but not later than sixty days of completion of all such obligations under the contract.

11. Forfeiture of Performance Security: Performance security is to be forfeited and credited to University of Calcutta in the event of a breach of contract by the tenderers, in terms of the relevant contract.

12. Verification of the Bank Guarantees: Bank Guarantees submitted by the tenderers as Earnest Money Deposit (EMD)/Performance Security need to be immediately verified from the issuing bank before its acceptance, through written communication.



13.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.

14. **Security Deposit:** 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 Depositwhich will be released after a period of six months from the date of completion of the work on application.

15. **EMD and Performance security should be paid infavour of UNIVERSITYOF CALCUTTA payable at Kolkata .EMD must be attached with the tender in sealed envelope, failing which the tender will be treated as cancelled.**

16. EMD Amount:-Rs

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

Name of Issuing Bank:--

B ranch :-

17. 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.

18.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.

19. The rates must be quoted in words and in figure, otherwise the tender will be cancelled.

20. The University will not be bound to accept the lowest bidder.

21. The University will not supply any materials to the contractor.



22. 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 .

23. The contractor will have to take necessary instruction from the Engineer CU/ Sub-Assistant Engineer regarding the execution of work.

24. Defect & liability Period :- The defect & liability period will be for a period of 6(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 his/her own cost, failing which the retention money will be forfeited.

25. After issuing the work order to the successful tenderer, if he fails to commence the work or unable to complete the work, then the EMD /Performance security amount of the said tenderer will be forfeited and no claim will be entertained.

Sd/-

University Engineer

Name of the Agency:

Address :-

SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE:



PRICE SCHEDULE FOR REPAIRING OF DAMAGED GENERAL LABORATORY OF POLYMER SCIENCE AND TECHNOLOGY DEPARTMENT AFFECTED DUE TO AMPHAN CYCLONIC STORM AT RAJA BAZAR SCIENCE COLLEGE CAMPUS DURING THE YEAR 2020-21

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, ceilings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed	Sqm.	15.00	19.00	285.00
2. (page189 Item1).	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary.	Sqm.	15.00	199.00	2985.00
3. (page303 Item5).	Labour charge of carpenter for repairing damaged window, door etc. With new screws.	Nos.	15.00	326.00	4890.00
4. (page303 Item3).	Labour charge for removing chair, table, furniture etc. For executing work and re arrange the same after complete the work.	Nos.	15.00	245.00	3675.00
5. (page233 Item1).	Supplying profiles of required section made of Aluminium Alloy Extrusions conforming to IS: 732-1983 and IS: 1285- 1975; Anodized (with required film thickness and specified colour / natural) matt finished conforming to IS: 1868-1983 for fabrication of composite door, sliding & casement windows, partitions, formed of basic sections of any ISI embossed / certified make and brand as per direction of Engineer – InCharge. 2- track sliding window. Bottom frame 7x1.2=8.4 Top and side frame 7x1.2=8.4 7x2x1.5=21.00 Shutter for all truck sliding windows. Bottom & Top member.	Mtr.	9.00	218.00	1962.00
		Mtr.	30.00	195.00	5850.00
		Mtr.	21.00	117.00	12457.00

	7x2x1.2=21.00 Style side member. 7x2x1.5=21.00 Interlock member. 2x7x1.5=21.00	Mtr.	21.00 21.00	119.00 148.00	2499.00 3108.00
6. (page239 Item2).	Labour charge for fabrication and installation of composite door, window, partitions made from anodized extruded alloy aluminium sections for the following units:- Glazed aluminium sliding windows made of extruded and anodized alloy aluminium sections, fabrications, including cutting to proper shape and size, drilling and aligning of window shutter frame fitted with in built locking arrangements, sliding rollers and other necessary fittings, fixture, adhesives and joineries along with extruded neoprene or EPDM gasketing in between window frame and masonry work (walls, column, beam.lintels etc.) as well as between glass and shutter frame for fixing glass and Polysulphide sealant and in between shutter and window frame where necessary including cutting to requisite size and fixing glass as per drawing, specification and direction of EIC. The rate includes the hire charge of all tools and plants, including all incidental charges, adhesive, joineries such as screw, cleat angle etc. but excluding the cost of extruded aluminium sections, glass, neoprene / EPDM gasket, locking arrangement and rollers.	Sqm.	13.00	696.00	9048.00
7. (page242 Item6).	Supplying PVC rollers for sliding windows as per direction of Engineer in charge.	Pair.	26.00	14.00	364.00
8. (page242 Item8).	Supplying EPDM gasket of approved make and brand as per direction of Engineer in charge.	Mtr.	120.00	15.00	1800.00
9. (page242 Item7).	Supplying maruti lock (100mm	Pair.	14.00	46.00	644.00
10. (page243 Item9).	Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987.	sqm	13.00	468.00	6084.00

11. (page114 Item1).	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be corrected upto three decimals).sal-Malaysian	Cum.	0.4	83218.00	33287.20
12. (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.	265.00	33.70	8930.50
13. (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.	Sqm.	265.00	70.00	18550.00
14. (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.	75.00	38.00	2850.00
15. (page200 Item2).	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.	75.00	79.00	5925.00
16. (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.	4.00	1778.00	7112.00

(A) TOTAL-----RS.132305.70

(B) G.S.T @ 12% OF (A)-----RS.15876.68

(C) TOTAL(A)+(B)-----RS.148182.38

(D) LABOUR CESS @ 1 % OF (C) -----RS.1481.82

TOTAL ESTIMATED COST (C) + (D)-----RS.149664.21



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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- 163 /20-21	Dated :20.01.2021
2.	Name of Work	:	<u>RENOVATION OF LABORATORIES (CT 200) IN THE DEPARTMENT OF CHEMICAL TECHNOLOGY AT APPLIED CHEMISTRY BLDG. IN RAJABAZAR SCIENCE COLLEGE CAMPUS DURING THE YEAR 2020-21.</u>	
3.	Estimated Cost put to Tender	:-	<u>Rs.309581.83</u>	
4.	Earnest Money Deposit(EMD)	:-	A sum of Rs15500.00 (Rupees fifteen Thousand and five hundred only) in the form of CTS demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. EMD will be exempted for those bidders who are registered with NSIC or MSME subject to the submission of valid and authorized NSIC/MSME certificate of similar nature of work with the tender documents.	
5.	Bid validity period	:	60(sixty) days after opening of the tender.	
6.	Time of completion	:-	60days	
7.	Eligibility Criteria and Documents to be submitted along with Application.	:-	Valid trade License , GST & Pan and credential for satisfactory completion of similar nature of job. Amounting The intending bidder must attach the photo-copies of all the relevant documents such as Valid trade License , GST & Pan and credential for satisfactory completion of similar nature of job amounting 75 % of the estimated value in a single tender in the last three financial years in Government, or Government Undertaking or University of Calcutta with the tender documents and drop the sealed envelope in to the tender box kept at office of the undersigned. Only completion certificate of the work will be considered as Credential of works. Original documents may be asked for verification of technical checking on the date of tender opening. Failing to produce original documents, the tender will be rejected.	
8.	Last date of Sale/ issue of tender papers	:	TO BE DOWNLOADED FROM UNIVERSITY WEBSITE.(www. caluniv.ac.in) IN TENDER NOTICE	
9.	Last Date and Time of tender Submission	:-	Dully filled and signed tender/quotation to be submitted on 01.02.2021(up to 2.00 PM) in to the Tender Box kept in the Office of the University Engineer	
10.	Date and Time of Tender Opening	:-	At or after 3:00 PM on 01.02.2021 at the Office of the University Engineer. Intending bidders are requested to be present at the time of opening tenders/quotations.	

N.B:

(i) N.I.T /NIQ no ,Name of work, name of the bidder and the date of opening tender/quotation should be written on the sealed envelope, failing which the tender/quotation will not be opened and thus cancelled.

(ii)The undersigned reserves the right to reject any or all Tenders/quotations without assigning any reason what so ever.

UNIVERSITY ENGINEER (C.U)



Name of the work:- RENOVATION OF LABORATORIES (CT 200) IN THE DEPARTMENT OF CHEMICAL TECHNOLOGY AT APPLIED CHEMISTRY BLDG. IN RAJABAZAR SCIENCE COLLEGE CAMPUS DURING THE YEAR 2020-21.

N. I.T. no- Eng /CT- 163 /20-21

Dated :20.01.2021

Estimated cost Put to Tender:-Rs.309581.83

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-163 /20-21 **Dated :**20.01.2021

TENDER AND CONTRACT FOR WORK

GENERAL TERMS AND DIRECTION FOR THE GUIDANCE OF CONTRACT

1. Eligible Tenders will have to download the tender papers from the website & drop the filled tender papers signed with seal and date at every page along with copy of Valid Trade license's, GST & PAN and Credential for satisfactory completion of similar nature of job amounting to at least seventy five percent of the job value in a single tender from any Government, Govt. undertaking or University of Calcutta in the last three financial year in sealed envelope in the Tender box kept in the Office of the undersigned with in the specified time mentioned in the NIT. which will be opened by the undersigned or by his representative with in the specified time and date mentioned in the NIT. The tendered must write the name of the work , NIT no , the date of opening and name of the bidder on the envelop failing which the tender will not be opened thus will be treated as cancelled.
2. The rate should be quoted after inspection of the site and inclusive of all incidental charges i.e. freight, insurances, labour insurances, handling charges, necessary government taxes, duties etc as well as the Water, Electricity charges which are to be paid as per rules .
3. The contractor shall be responsible to ensure compliance with the provision of minimum wages act 1948 as modified up to date and the rules made in respect of any employees, employed by the contractor directly or through the petty or subcontractor for the purpose of carrying this contract. The contractor shall be responsible for any damage, injury or loss caused by the work or workmen to any person, animal or material during the progress of work.
4. **Time Extension:**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.



5. Liquidated damage will be charged to the contractor, if they fail to complete the work within the stipulated time as per contract@0.01% per day to a maximum limit of 10 % of the contract value .

6. Earnest Money Deposit : Depending on the type of goods to be purchased or work to be done, Earnest Money Deposit (EMD), also known as Bid Security, may be obtained from the bidders-except those who are registered with National Small Industries Corporation (NSIC) or MSME to safeguard against a bidder withdrawing/altering his bid during the bid validity period. The bidders are required to furnish Earnest Money Deposit (EMD) along with their bids. Amount of Earnest Money Deposit (EMD) should be five per cent of the estimated value of the goods to be purchased or work to be done. The Earnest Money Deposit (EMD) may be accepted in the form of Account Payee Demand Draft, Banker's Cheque or a Bank Guarantee in acceptable form from any of the Nationalised Banks, safeguarding the purchaser's interest in all respects. The Earnest Money Deposit (EMD) shall remain valid for a period of sixty days beyond the final tender validity period. The Bid Validity Period may be extended if required.

7. Refund of Earnest Money Deposit (EMD): Earnest Money Deposit (EMD) furnished by all unsuccessful bidders should be returned to them without any interest whatsoever, at the earliest after the expiry of the final bid validity period but not later than forty five days after the award of the contract. Earnest Money Deposit (EMD) of the successful tenderer should be returned, without any interest whatsoever, after receipt of performance security from him as stipulated in the contract.

8. Forfeiture of Earnest Money Deposit (EMD): Earnest Money Deposit (EMD) of a tenderer shall be forfeited, if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of his tender. Further, if the successful tenderer fails to furnish the required performance security within the specified period, his Earnest Money Deposit (EMD) shall be forfeited.

9. Performance Security: To ensure due performance of the contract, performance security is to be obtained from the successful bidder awarded the contract except those who are registered with National Small Industries Corporation (NSIC). Performance Security should be of an amount of ten per cent of the value of the contract. Performance Security should be furnished in the form of an Account Payee Demand Draft, or Bank Guarantee from a Nationalised Bank in an acceptable form safeguarding the purchaser's interest in all respects. Performance Security is to be furnished within twenty one days after notification of the award of contract and it should remain valid for a period of sixty days beyond the date of completion of all contractual obligations of the supplier, including warranty obligations.

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12. Verification of the Bank Guarantees: Bank Guarantees submitted by the tenderers as Earnest Money Deposit (EMD)/Performance Security need to be immediately verified from the issuing bank before its acceptance, through written communication.



13.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.

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15. **EMD and Performance security should be paid infavour of UNIVERSITYOF CALCUTTA payable at Kolkata .EMD must be attached with the tender in sealed envelope, failing which the tender will be treated as cancelled.**

16. EMD Amount:-Rs

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

Name of Issuing Bank:--

B ranch :-

17. 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.

18.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.

19. The rates must be quoted in words and in figure, otherwise the tender will be cancelled.

20. The University will not be bound to accept the lowest bidder.

21. The University will not supply any materials to the contractor.



22. 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 .

23. The contractor will have to take necessary instruction from the Engineer CU/ Sub-Assistant Engineer regarding the execution of work.

24. Defect & liability Period :- The defect & liability period will be for a period of 6(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 his/her own cost, failing which the retention money will be forfeited.

25. After issuing the work order to the successful tenderer, if he fails to commence the work or unable to complete the work, then the EMD /Performance security amount of the said tenderer will be forfeited and no claim will be entertained.

Sd/-

University Engineer

Name of the Agency:

Address :-

SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE:



PRICE SCHEDULE FOR RENOVATION OF LABORATORIES (CT 200) IN THE DEPARTMENT OF CHEMICAL TECHNOLOGY AT APPLIED CHEMISTRY BLDG. IN RAJABAZAR SCIENCE COLLEGE CAMPUS DURING THE YEAR 2020-21.

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.	50.00	19.00	950.00
2. (page16 Item16).	125 mm. thick brick work with 1st class bricks in cement mortar (1:4).	Sqm.	35.00	736.00	25760.00
3. (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.	120.00	199.00	23880.00
4. (page114 Item1).	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame exluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be correted upto three decimals). Sal : Malayasian.	Cum.	0.30	83218.00	24965.4
5. (page157 Item2A)	Providing and fixing of false ceiling with powder coated exposed G.I. grid suspension system (E-Grid T 2430 or equivalent load carrying capacity with mid span deflection not exceeding 1/360 span with hanger spacing of 1200mm c/c) consisting of Main Runner 3600 mm long, Cross Tee 1200 mm / 600 mm long and Wall Angle.				

	<p>The Wall Angle shall be fixed on PVC Dash Fasteners on the perimeter of the wall by steel screws with distance 300mm c/c. The Main Runners to be placed @ 1200 mm. The Cross Tee 1200mm will be inserted in the pre-cut slots of Main Runner at regular interval of 600 mm to form a modular grid of 1200mm X 600mm. Additional Cross Tees of 600 mm shall be placed perpendicular to the Cross Tee 1200 mm long to finally form a grid of 600 mm X 600 mm. Grid of module size 600 mm X 600 mm shall be supported by 6 mm dia G.I. wire from purlins / soffit. 6 mm thick High Pressure Steam Cured Non Asbestos Fibre Cement Standard Ceiling Board (Density > 1300 Kg/m³) of size 595 mm X 595 mm, conforming IS 14862 & Type B Category III of ISO 8336, tested as per AS-1530 part 3 & BS-476 Part 4,5,6,7 & 8, should be placed in the Grid module to form a False Ceiling. All complete as per the drawing & directions of Engineer-in-charge.</p> <p>False Ceiling (with 6mm thick Fibre Cement Standard Ceiling Board and E-Grid T-2430).</p>	Sqm.	28.00	591.00	16548.00
6. (page173 Item2).	<p>Supplying, fitting and fixing boiling water proof ply conforming to IS: 710-1977 bonded with phenol formaldehyde synthetic resin conforming to IS: 848-1974 of approved make and brand fitted and fixed as per design as per approval and direction of Engineer-in-Charge. [excluding the cost of supporting frame work and teak wood batten/Lipping] 6mm</p>	Sqm.	5.00	1122.00	5610.00
7. (page278 Item9).	<p>Labour for propping up overhead members as a precautionary measure against falling as directed with necessary planks, Eucalyptus props, packing nails, wire ropes, iron wires etc. including hire charges of all materials fitting, fixing dismantling and removing the props etc and all ancillary works in this connection</p>				

	complete.				
		Cum.	55.00	85.00	4675.00
8. (page280 Item1)	<p>Supplying and laying true to line and level Anti-Skid, Full Body, Homogeneous & Granular finish Vitrified Tiles conforming to IS:15622-2006 & IS 4457-2007 and testing shall be made in accordance with IS:13630 [Non- modular sizes for tiles with Skid resistance > 0.5, Mohr's hardness > 5.0, Staining resistance: Class-1, Water Absorption: E < 0.5%], MOR > 35 N/sq.mm in Internal area of building e.g. Toilet Block, Passage, Corridor, Accessible Open Terrace etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg./Sqm or using Polymerised Adhesive (6 mm thick layer applied directly over finished artificial stone floor/ Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per Sqm below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles/ epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge. (White cement, synthetic adhesive and grout material to be supplied by the contractor).</p>				
		Sqm.	54.00	1592.00	85968.00
9. (page233 Item1).	<p>Supplying extorted aluminium section.</p> <p>2 track sliding Bottom frame. 2x1.5=3.00</p> <p>Top and side frame. 3.00+2x2x1.8=10.2</p> <p>Glasing clip 4(1.4+1.7)2x2=49.6</p>				
		Mtr.	3.00	218.00	654.00
		Mtr.	12.00	195.00	2340.00
		Mtr.	50.00	50.00	2500.00

	Shutter for all track sliding window. Bottom and top member 2x1.46x2=5.84 Style side member. 2x2x1.76=7.04 Inter lock member. 2x2x1.76=7.04	Mtr.	6.00	117.00	702.00
		Mtr.	8.00	119.00	952.00
		Mtr.	8.00	148.00	1184.00
10. (page239 Item2).	Labour charge for fabrication and installation of composite door, window, partitions made from anodized extruded alloy aluminium sections for the following units:- (A) Glazed aluminium sliding windows made of extruded and anodized alloy aluminium sections, fabrications, including cutting to proper shape and size, drilling and aligning of window shutter frame fitted with in built locking arrangements, sliding rollers and other necessary fittings, fixture, adhesives and joineries along with extruded neoprine or EPDM gasketing in between window frame and masonry work (walls, column, beam.lintels etc.) as well as between glass and shutter frame for fixing glass and Polysulphide sealant and in between shutter and window frame where necessary including cutting to requisite size and fixing glass as per drawing, specification and direction of EIC. The rate includes the hire charge of all tools and plants, including all incidental charges, adhesive, joineries such as screw, cleat angle etc. but excluding the cost of extruded aluminium sections, glass, neoprene / EPDM gasket, locking arrangement and rollers. 2 track sliding window.	Sqm.	6.00	696.00	4176.00
11. (page242 Item8)	Supplying EPDM gasket of approved make and brand as per direction of Engineer in charge. 'U' shaped EPDM gasket for frames.	Mtr.	12.00	15.00	180.00
12. (page243 Item9).	Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987. 4mm thick clear glass.	Sqm.	5.00	398.00	1990.00
13	Filling the gap in between aluminium				

(page244 Item14).	frame & adjacent RCC / Brick/ Stone work by providing weather silicon sealant over 6mm dia backer rod of approved quality as per architectural drawings and direction of Engineer-in-Charge complete. Upto 5 mm depth and 5 mm width.	Mtr.	14.00	72.00	1008.00
14. (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. Solvent based interior grade Acrylic Primer.	Sqm.	210.00	33.70	7077.00
15. (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.	210.00	70.00	14700.00
16. (page198 Item5).	Rendering the Surface of walls and ceiling with White Cement base WATER PROOF wall putty of approved make & brand.(1.5 mm thick)	Sqm.	185.00	122.72	22703.20
17. (page200 Item1).	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.	Sqm.	65.00	38.00	2470.00
18. (page200 Item2).	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 Two coats with any shade except white	<u>Sqm.</u>	65.00	81.00	5265.00
19. (p-41 i-2)	Supplying, fitting and fixing white vitreous china best quality approved make wash basin with C.I. brackets on 75 mm X 75 mm wooden blocks, C.P.				

	waste fittings of 32 mm dia., one approved quality brass C.P. pillar cock of 15 mm dia., C.P. chain with rubber plug of 30 mm dia., approved quality P.V.C. waste pipe with C.P. nut 32 mm dia., 900 mm long approved quality P.V.C. connection pipe with heavy brass C.P. nut including mending good all damages and painting the brackets with two coats of approved paint. 550 mm X 400 mm size	<u>Sqm.</u>	1.00	2208.00	2208.00
20. (p-212 I-21)	Supplying, fitting & fixing UPVC pipes A- Type and fittings conforming to IS:13592-1992 with all necessary clamps nails, including making holes in walls, floor etc. cutting trenches in any soil through masonry concrete structures etc if necessary and mending good damages including joining with jointing materials (Spun Yarn, Valamoid/Bitumen/M-Seal etc) complete. 75 mm dia.	Sqm.	15.00	188.00	2820.00
21. (p-202 Item10)	Copal varnish of approved quality including preparing surface. On old varnish surface including removing old varnish.	Sqm.	20.00	252.00	5040.00
22. (page303 Item3).	Mazdoor (Male)	Nos.	30.00	245.00	7350.00

ESTIMATED COST-----**RS.273675.60**

G.S.T @ 12 %-----**RS.32841.07**

TOTAL-----**RS.306516.67**

LABOUR CESS @ 1 %-----**RS.3065.16**

TOTAL ESTIMATED COST-----**RS.309581.83**

Name Of The Agency:

Address Of The Agency:

Rate quoted by the Agency:

(.....%)

Percent Below/ At Par/ Above



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 QUOTATION

University of Calcutta invites **sealed** quotation from resourceful and bonafide contractors for the following work

1.	N.I.T. No	:	Eng /EQ- 164 /20-21.	Dated-20/01/2021
2.	Name of Work	:	Supply and Installation of AC Machine at the 2ND FLOOR , Applied Physics Building ,Rajabazar Science college, CU, Kolkata-9	
3.	Estimated Cost put to Tender	:-	NA	
4.	Earnest Money	:-	A sum of 5% of the Quoted amount in the form of CTS demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the successful bidder. In case of successful tender the EMD will be returned on application after an equal amount of security deposit is deducted by the University from the running bills.	
5.	Time of completion	:-	15 Days	
6.	Eligibility Criteria	:-	Valid trade License , GST & Pan and credential for satisfactory completion of similar nature of job. Amounting 75 % of the estimated value in a single tender in the last three financial year . Government, Government Undertaking and University of Calcutta credentials are accepted.(only completion certificate of the work should be treated as Credential.	
7.	Last date of receipt of application for tender	:-	NA	
8.	Last date of Sale/ issue of tender papers		TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)	
9.	Last Date and Time of tender Submission	:-	01/02/2021(up to 2.00 PM)	
10.	Date and Time of Tender Opening	:-	01/02/2021 (On or after 3:00 PM)	

N.I.Qno ,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:- Supply and Installation of AC Machine at the 2ND FLOOR , Applied Physics Building ,Rajabazar Science college, CU, Kolkata-9

N. I.Q. no- Eng /EQ-164 /20-21

Dated -21/02/2021

Name of Agency:-

Address of Agency:-

Amount quoted by Agency Including GST (in figure and words):-

.....

.....(Rs.....)

Signature of the Agency with Date and Seal:-



UNIVERSITY OF CALCUTTA

N. I.Q. no- Eng /EQ-164 /20-21. **Dated-**01/02/2021

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 NIQ. The tendered must write the name of the work , NIQ 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 mentioned in the NIQ** days 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 sum of 5% of the Quoted amount.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:--

B ranch :-

7. Work is to be carried out as per specification laid in the B.O.Q or as per instruction of the University Engineer or his representative.

8.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.

9. The rates must be quoted in words in figure other wise the tender will be cancelled.

10. The University will not be bound to accept the lowest bidder.

11.The University will not supply any materials to the contractor.

12. The contractor will work under the strict supervision of the Engineer/ Sub-Assistant Engineer. The BOQ given along with the tender are provisional payment will be made on the actual work done jointly measured by the Engineeror his representative(Sub-Assistant Engineer)& the contractor or his representative. The contractor will have to submit bill in printed format in duplicate .

13. The contractor will have to take necessary instruction from the Engineer CU/ Sub-Assistant Engineer regarding the execution of work.

Sd/-

University Engineer

Name of the Agency:

Address :-

SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE

Schedule Followed PWD Sch 2017 & Present Local Market Price					
Item No	Description of Items	Unit	Rate	Qty	Amount
1	Supply of Voltas 1.5 ton 3 star window AC (Copper,183CYA/ 183 CZP, white) (As per market price)	Each		2	
2	Installation charge of the above window AC machine. (As per the market price)	Each		2	

3	Supply & Installation of Voltas 2 ton 3 star BEE rating 2017-white (243V Eya) is a split air conditionner with a capacity of 2.00 Ton. It is powered by a high EER ratary compressor and works on refrigerant namely R410A	Each		4	
4	Installation charge of the above split machine. (As per the market price)	Each		4	
5	Extra Cu pipe with insulation	Ft		55	
6	Supply & connection of 25A 3 pin plug top	Each		6	
7	Extra drain line	Ft		75	