



**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.	<b>N.I.T. No</b>	:	<b>Eng /CT-149/20-21(2<sup>nd</sup> call) Dated 14/ 01/ 2021</b>
2.	<b>Name of Work</b>	:	<b>2<sup>nd</sup> call for The work of installation of new aluminium sliding windows for the proposed SMART CLASS ROOM of the Dept. of MBM 7<sup>th</sup> floor ,Aliporre campus ,C.U as a replacement of damaged / old steel windows .</b>
3.	<b>Estimated Cost put to Tender</b>	:-	<b>Rs 61130.00</b>
4.	<b>Earnest Money Deposit(EMD)</b>	:-	<b>A sum of Rs 3100/(Rupees three Thousand one 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.</b>
5.	<b>Bid validity period</b>	:	<b>60(sixty) days after opening of the tender.</b>
6.	<b>Time of completion</b>	:-	<b>18days</b>
7.	<b>Eligibility Criteria and Documents to be submitted along with Application.</b>	:-	<b>Valid trade License , GST &amp; 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 &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 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.</b>
8.	<b>Last date of Sale/ issue of tender papers</b>	:	<b>TO BE DOWNLOADED FROM UNIVERSITY WEBSITE.(www. caluniv.ac.in) IN TENDER NOTICE</b>
9.	<b>Last Date and Time of tender Submission</b>	:-	<b>20/01/2021 ( up to 2.00 PM)</b>
10.	<b>Date and Time of Tender Opening</b>	:-	<b>20/01/2021 (at 3.00 PM Or after)</b>

**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)



**N. I.T. no-** Eng /CT-149/20-21(2<sup>nd</sup> call)      **Dated 14/ 01/ 2021**

**Name of the work:-**2<sup>nd</sup> call for *The work of installation of new aluminium sliding windows for the proposed SMART CLASS ROOM of the Dept. of MBM 7<sup>th</sup> floor ,Aliporre campus ,C.U as a replacement of damaged / old steel windows .*

**Name of Agency:-**

**Address of Agency:-**

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

**Estimated cost Put to Tender:-Rs 61130.00**



# UNIVERSITY OF CALCUTTA

**N. I.T no-** Eng /CT-149/20-21(2<sup>nd</sup> call)      **Dated 14/ 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:



NIT No:- Eng /CT-149/20-21(2<sup>nd</sup> call) Dated 14/ 01/ 2021

### PRICE SCHEDULE

Cost estimate for the work of installation of new aluminium sliding windows for the proposed SMART CLASS ROOM of the Dept. of MBM 7<sup>th</sup> floor ,Aliporre campus ,C.U as a replacement of damaged / old steel windows

( schedule followed PWD 2017,**wef 01.11.2017**) ( duration= 18 days)

Sl no	description	unit	rate	qty	amount
1	<p><i>Supplying,fitting&amp; fixing of 2-Track / 3-Track Aluminium sliding Window of all Aluminium sections viz. window frame (top,bottom&amp; sideframe), shutter (top, bottom, side &amp; interlock member) made of aluminiumalloy extrusions conforming to IS 733-1983 &amp; IS 1285-1975, annodised conforming to IS 1868-1983, fitted with all other accessories viz. PVCroller, EPDM gasket, maruti lock, screws etc. including labour charges</i></p> <p><i>for fitting &amp; fixing of aluminium 2-track/3-track sliding window withfixing of glass (excluding cost of glass) all complete as per architecturaldrawings and direction of Engineer-in-charge.10-12 Micron thickness Annodizing film , Natural white</i></p> <p><b>[Note : for estimate purpose construction wing may consider weight of 2-track Aluminium window @ 5.5 Kg per Sq.M.]</b></p> <p><b>I-15,Page 245</b></p>	kg	448/-	85.305	Rs 38216.64

2	Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987. 4mm thick coloured / tinted / smoke glass. <b>I-9, Page 243</b>	Sq.M	468/-	15.51	Rs 7258.68
3	Filling the gap in between aluminium 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 <b>I-14, Page 244</b> 7 <sup>th</sup> Floor-----	mtr	90/-	53.68	Rs 4831.20
4	labour for taking out shutters of damaged steel windows by cutting and staking them At a specified distance Mazdoor (Male) -----  Welder-----	Each  Each	245/-  326/-	6  4	Rs 1470.00  Rs 1304.00
5	Machine fare as per local mkt rate	L.S			Rs 1500.00
	Add @12% for GST  Rupees sixty one thousand one hundred thirty only			Total=  =  All total=	Rs54580.52  Rs 6549.66 <hr/> Rs61130.18 Say, Rs 61130.00



Name Of The Agency:

Address Of The Agency:

Rate quoted by the Agency: ..... (.....%)

Percent    Below/    At Par/    Above



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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	:	<b>Eng /CT-150/20-21 Dated 14/ 01/ 2021</b>
2.	Name of Work	:	<b>Urgent replacement of old and damaged G I overhead water tanks ( 3 nos ) with the new ones along with some allied plumbing work and some replacement of bib cock, GI water distribution line etc. at VL college building at VL college campus ,C.U</b>
3.	Estimated Cost put to Tender	:-	<b>Rs79009.00</b>
4.	Earnest Money Deposit(EMD)	:-	A sum of <b>Rs 4000/- (Rupees four Thousand only)</b> 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	:-	<b>20days</b>
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	:-	20/01/2021 ( up to 2.00 PM)
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**(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:-Urgent replacement of old and damaged G I overhead water tanks ( 3 nos ) with the new ones along with some allied plumbing work and some replacement of bib cock, GI water distribution line etc. at VL college building at VL college campus ,C.U**

**N. I.T. no- Eng /CT-150/20-21      Dated 14/ 01/ 2021**

**Estimated cost Put to Tender:-Rs79009.00**

**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-150/20-21      Dated 14/ 01/ 2021**

## TENDER AND CONTRACT FOR WORK

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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.

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**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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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:



NIT No:- Eng /CT-150/20-21 Dated 14/ 01/ 2021

### PRICE SCHEDULE

Cost estimate for the work of “ Urgent replacement of old and damaged G I overhead water tanks ( 3 nos ) with the new ones along with some allied plumbing work and some replacement of bib cock, GI water distribution line etc. at VL college building at VL college campus ,C.U

*Schedule followed is PWD 2017, wef. 01.11.2017*

Sl no	description	unit	rate	qty	amount
1	<i>Dismantling G.I. tank including disconnecting pipe connection . I-7, P-39</i>	each	115/-	3	Rs 345.00
2	<i>Lowering G.I. tank (upto and including 1812 litre capacity). Page 37, I-11 From 1st story to G.L. each 312.00 Extra for each additional story each 95.00</i>	each	597/-	3	Rs 1791.00
3	<i>Hoisting G.I. tank (upto and including 1812 litre capacity). I-9,P-37 (a) 1st story from G.L. each 438.00 (b) Extra for each additional story each 144.00</i>	each	870/-	3	Rs 2610.00
4	<i>Supplying G.I. tank with Galvanised iron sheet with 450 mm dia C.I. raised approved type locking cover and 50 mm cleaning flange and plug. (a) With 2 mm thick G.I. sheet (i) 1812 litre capacity I-5, Page 36</i>	each	16075/-	3	Rs48225.00
5	<i>Supplying, fitting and fixing cast iron raised rain proof tank cover 450mm. I-7, P-37</i>	each	1014/-	3	Rs 3042.00
6	<i>Fixing G.I. tank in position including refitting pipe connection. I-8, P-39</i>	each	115/-	3	Rs 345.00
7	<i>Punching holes in tank(G.I.). I-11,P-39</i>	each	38/-	10	Rs 380.00



8	<p>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.).</p> <p><b>I-4, P-4</b> 50 mm dia</p>	each	2362/-	4	Rs 9448.00
9	<p>Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrew, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making 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)</p> <p><b>For Exposed Work-----</b> ( Page 2, I-01) <b>32 mm dia. medium quality</b></p>	Mtr	355/-	5	Rs1775.00
10	<p>Supplying, fitting and fixing PVC pipes of approved make of <b>Schedule 80 (medium duty)</b> conforming to ASTM D - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrew, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making 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</p>				

	centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials. Payment for painting will be made separately) <b>(a) For Exposed Work PVC Pipes 15 mm----- Page 12, I-19(I)</b>	metre	101/-	3	Rs 303.00
11	Labour for dismantling G.I. pipe with fittings	mtr	6/-	10	Rs 60.00
12	Supplying, fitting and fixing approved brand P.V.C. CONNECTOR white flexible, with both ends coupling with heavy brass C.P. nut, 15 mm dia. 300 mm long ----- <b>Page 43, I-9</b>	each	57/-	2	Rs 114.00
13	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). <b>Page 45, I-19</b>	Each	555/-	1	Rs 555.00
14	Labour for Earth cutting and cleaning the site for GI pipe line repairing , necessary scaffolding etc Mason (Head) ----- Male majdoor -----	Each	326	1	Rs 326.00
		Each	245	5	Rs 1225.00
	Adding @ 12% for GST to the above total -----			Total = +	Rs 70544.00 Rs8465.28
	<b>Rupees seventy ninethousand nine only</b>			All total=	Rs 79009.28 Say, <b>Rs79009.00</b>

Name Of The Agency:

Address Of The Agency:

Rate quoted by the Agency: ..... (.....%)

Percent Below/ At Par/ Above



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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.	N.I.T. No	:	Eng /CT-152/20-21 Dated 14/01/2021
2.	Name of Work	:	REPAIRING , RENOVATION AND PAINTING OF ROOM NO. 406 ( ALLOTTED ROOM FOR AMBEDKAR CHAIR PROFESSOR) OF ANTHROPOLOGY DEPARTMENT OF BALLYGUNGE SCIENCE COLLEGE", 35, B.C. ROAD, KOLKATA- 19.
3.	Estimated Cost put to Tender	:-	Rs. 180271.00
4.	Earnest Money Deposit(EMD)	:-	A sum of <b>Rs.9100/- (Rupees Nine Thousand and one hundred only)</b> 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 20/01//2020 ( 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 20/01/2020 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)



Eng /CT-152/20-21      Dated 14/01/2021

**Name of the work :-**REPAIRING , RENOVATION AND PAINTING OF ROOM NO. 406 ( ALLOTTED ROOM FOR AMBEDKAR CHAIR PROFESSOR) OF ANTHROPOLOGY DEPARTMENT OF BALLYGUNGE SCIENCE COLLEGE", 35, B.C. ROAD, KOLKATA- 19.

**Name of Agency:-**

**Estimated cost Put to Tender:-Rs. 180271.00**

**Address of Agency:-**

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

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



# UNIVERSITY OF CALCUTTA

Eng /CT-152/20-21 Dated 14/01/2021

## 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 Nationalized 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 Nationalized 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 Guarantee 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 Deposit which 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 in favour of UNIVERSITY OF 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 Contractor:

Address :-

SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE:



NIT No:- Eng /CT-152/20-21 Dated 14/01/2021

**PRICE SCHEDULE FOR THE WORK "REPAIRING , RENOVATION AND PAINTING OF ROOM NO. 406 ( ALLOTTED ROOM FOR AMBEDKAR CHAIR PROFESSOR) OF ANTHROPOLOGY DEPARTMENT OF BALLYGUNGE SCIENCE COLLEGE", 35, B.C. ROAD, KOLKATA- 19.**

Sl. no.	Description of works	Unit	Quantity	Rate	Rate with 12% GST and 1% labour welfare cess	Amount
1	Stripping off worn out plaster and raking out joints of walls, ceiling etc. upto any height and in any floor including removing rabish and staking any where within the compound as directed.	Sqm	7.5	19	21.49	161.18
2	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, nosing and drip course where necessary (ground floor) /with 6:1 cement mortar / 20 mm thick.	Sqm	7.5	167	188.91	1416.83
3	Labour for chipping of concrete surface before taking up flooring works	sqm	6.5	21	23.76	154.41
4	Applying 2 coats of bonding agent with synthetic multifunctional rubber emulsion having adhesive and water proofing properties by mixing with water in proportion (1 bonding agent : 4water : 6 cement) as per manufacturer specifications.	sqm	88	7.5	8.48	746.59
5	Cement concrete with graded stone chips 5.6 mm size .....applying a coat of cement including cost of all handling and scaffolding complete as per direction of EIC.	sqm	8.5	587	664.01	5644.12
6	Rendering the surface of walls and ceiling with white cement based water proof wall putty of approved make and brand.. (thickness not less than 1.5 mm.)	Sqm	10	122	138.01	1380.06
7	Supplying, fitting and fixing 1st quality ceramic tiles of any size in walls & floors including borders to match with the existing work, set in sand cement mortar (4:1) including backing concrete (1:2:4) & 4 nos. of key stones./area of each tiles above 0.09 sqm./ other than coloured decorative including white./ with cement sand mortar (1:3) 15 mm thick & 2 mm thick Cement slurry at back side of tiles using cement @2.91 kg/sqm and joint filling using white cement slurry @ 2.20 kg/sqm.	Sqm	6.5	1040	1176.45	7646.91
8	Supplying,fitting and fixing of boiling water proof ply conforming to IS 710:1977 bonded with phenol formaldehyde synthetic resin of approved make and brand fitted and fixed as per design and approval of EIC ( excluding cost of supporting frame work and teak wood batten/ lipping) / a.6 mm ply.	Sqm	2.5	1122	1269.21	3173.02
9	Supplying, fitting and fixing of Hasp bolt / 300 mm long	each	1	657	743.20	743.20
10	Supplying fitting and fixing of Tower bolt/ 225mm long/ 12 mm dia	each	1	114	128.96	128.96
11	supplying , fitting and fixing of D type Handle / anodised aluminium with base plate. / 150 grip x 12 mm dia rod.	each	2	111	125.56	251.13
12	Removing old scales, blisters etc. of interior surface of walls,ceiling by scraping etc. and preparing smooth and even surface with rendering or cement mortar (2:1) (as necessary), to make the surface suitable for receiving distemper. (Payment against this item will be made only when this has been done on the specific direction of the Engineer-in-charge).	Sqm	85	10.17	11.50	977.87

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 thoroughly, complete as per manufacturer's specification and as per direction of EIC./ two coats/ solvent based interior grade Acrylic primer.	Sqm	85	48.5	54.86	4663.37
14	Priming one coat on timber, plaster or on steel with synthetic enamel / oil bound primer paint of approved quality including smoothing the surface by sand papering etc.	Sq.M	15	38	42.99	644.78
15	Painting with best quality synthetic paint of approved make and brand including smoothing the surface by sand papering etc. including using of approved putty on the surface if necessary./ with super gloss / two coats	Sq.M	100	81	91.63	9162.72
16	Supplying, fitting and fixing of hydraulic Door closer of Godrej make.( medium type)	each	1	1665	1883.45	1883.45
17	Supplying,fitting and fixing of wall cabinet made of ISI standard 19 mm thick block board in side, top & bottom cover, front shutter and inside self etc. , back covered with 6 mm ply of approved quality , side and top, front laminated with 1 mm thick of ISI standard lamination sheet and inside finished with polish including all cost of labour, materials, locking arrangement complete.( size of cabinet 8.0'(L) x 1.5'x2.0'(H) size.) x 2 nos.	sqft.	32	1750	1979.60	63347.20
18	Supplying, fitting and fixing of computer table made of 19 mm block board of ISI standard at top & side cover, self for CPU, Drawer for Key board,foot rest and back covered with 6 mm ply,laminated at top and side with 1 mm thick lamination sheet, inside paint etc. including all materials tools, labour complete. each size 8.0'x20"x30"(H) x 2 nos.	Rft	16	1650	1866.48	29863.68
19	Supplying, fitting and fixing of 2 track Aluminium sliding window of all aluminium sections viz. window frame ( top, bottom, & side frame) shutter( top, bottom, side & interlock member) made of zing film/ Natural white.aluminium alloy extrusions conforming to IS 733-1983 fitted all other accessories viz. PVC roller EPDM gasket, maruti lock, screws etc. including labour charges for fitting & fixing of Aluminium 2-track sliding with fixing of glass all complete as per drawing and direction of EIC./ 10-12 micron thickness Anodised	Sqm	4.32	2250	2545.20	10995.26
20	Supplying of steel chair of approved quality with half back rest complete.	each	6	3500	3789.52	22737.12
21	Supplying, fitting and fixing of vertical blinds as per approved quality and direction of EIC.	Sqm	5.6	900	1018.08	5701.25
22	Supplying, fitting & fixing of PVC pipe including necessary fittings. 25 mm dia.	mtr.	5	177	200.22	1001.11
23	Supplying, fitting & fixing of PVC pipe including necessary fitting /15 mm dia.	mtr.	5	101	114.25	571.26
24	Supplying and fixing of PVC pipe. and including necessary fittings as required. 40 mm dia.	mtr.	5	109	123.30	616.50
25	Supplying, fitting & fixing of Peet's valve fully gun metal standard pattern best quality of approved brand bearing ISI mark with fittings./ 25 mm dia.	each	1	912	1031.65	1031.65
26	Supplying, fitting and fixing of C.P stop cock of approved make and brand.	each	1	815	921.93	921.93
27	Supplying,fitting and fixing white vitreous china best quality approved make wash basin with CI brackets on 75 mm x75 mm wooden blocks , C.P waste fittings of 32 mm dia, one approved quality brass Cp pilla cock of 15 mm dia , CP chain with rubber plug of 30 dia, approved quality PVC waste pipe with CP nut 32 mm dia, 900 mm long approved qualityPVC connection pipe with heavy duty brass CP nut including mending good all damages and painting the brackets with two coats pf approved paint./ 630mmx 450 mm size	each	1	3260	3687.71	3687.71
					<b>TOTAL</b>	<b>180271.31</b>

**Name of the Contractor :**

**Address :**

**Percentage Quoted by the Contractor ..... .Above/ below / At par**

**Signature of the Contractor with date and seal.**







UNIVERSITY OF CALCUTTA

Office of the Engineer  
Darbhanga Building  
87/1 College Street  
Kolkata- 700073

NOTICE INVITING TENDER

University of Calcutta invites sealed tender from resourceful and bonafied contractors for the following work

1.	N.I.T. No	:	<b>Eng/ET-151/20-21</b>	Dated: 14/01/2021
2.	Name of Work	:	Thorough E.I works for room no 406 allotted to Prof.Subrata sankar Bagchi ,Dr.B.R.Ambedkar chair professor in Anthropology,3 <sup>rd</sup> floor,Western wing,, Ballygunge science college,university of Calcutta..	
3.	Estimated Cost put to Tender	:-	Rs 172425-(One lac seventy two thousand four hundred twenty five only)including Taxes	
4.	Earnest Money	:-	A sum of Rs9000/- (Rupees Nine Thousand 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 deducted by the University from the running bills/final bill as per norms. EMD will be exempted for those bidders who are registered with NSIC or MSME subject to the submission of NSIC/MSME certificate of similar nature of work	
5.	Time of completion	:-	21days	
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.	Issue of tender papers	:-	TO BE DOWNLOADED FROM WEBSITE ( <a href="http://www.caluniv.ac.in">www.caluniv.ac.in</a> ).	
8.	Last Date and Time of tender submission	:-	<b>20 / 01 / 2021 ( up to 2.00 PM)</b>	
9.	Date and Time of tender opening	:-	<b>On 20 / 01 / 2021 (at 3.00 PM) or after</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.

UNIVERSITY ENGINEER (C.U)



# UNIVERSITY OF CALCUTTA

NOTICE INVITING TENDER No: **Eng/ET-151/20-21**

Dated: 14/01/2021

Name of the work: - Thorough E.I works for room no 406 allotted to Prof.Subrata sankar Bagchi  
,Dr.B.R.Ambedkar chair professor in Anthropology,3<sup>rd</sup> floor,Western wing,, Ballygunge science college,university of Calcutta.

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

Tender No: - **Eng/ET-151/20-21**

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(only completion certificate of the work should be treated as Credential) in sealed envelope in the Tender box kept in the Office of the undersigned. 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 45days 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. This 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 put to tender (as mentioned earlier) 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.

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

Name of Issuing Bank:--

B ranch :-

Amount: - Rs ..... /-(Rupees .....)

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. The estimate given along with the tender are provisional, payment will be made on the actual work done jointly measured by the consultant & the contractor. 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 / his representative regarding the execution of work.

15. The contractor has to produce user end completion certificate before claiming of final bill.

16. The eligible Contractor who does not have ESI for their workers will have to possess workmen's compensation policy for their workers before starting the job.



17. Guarantee/Warranty period of the work will be 6(Six) months from the date of completion of the work.

Sd/-

University Engineer

Name of the Agency:-

Address:-

Signature of the contactor with seal & date:

**B. O. Q FOR THOROUGH E.I WORKS FOR THE ROOM NO 406 ALLOTTED TO PROF SUBRATA SANKAR BAGCHI DR.B.R AMBEDKAR CHAIR PROFESSOR IN ANTHROPOLOGY,3RD FLOOR, WESTERN WING,BALLYGUNGE SCIENCE COLLEGE. UNIVERSITY OF CALCUTTA**

<b>SI.No.</b>	<b>Description of work</b>	<b>Unit</b>	<b>Rate</b>	<b>Quantity</b>	<b>Amount</b>
	<b>AS PER PWD SCHEDULE ....2017</b>				
1	Distribution wiring in 1.1 KV grade 2x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in suitable size PVC casing-capping (Precision make) with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC, incl. necy. PVC clips, fittings etc. to light/fan/call bell point with piano key type switch (Anchor make) fixed on sheet steel fabricated switch board with Perspex/bakelite top cover on wall incl. necy. connections and making earthing attachment and mending good damages to building works. [PVC casing-capping and Switch board both on surface] Average run 6 mtr [E11/2b]	Each	650	16	10400
2	Supply & Fixing 240 V, 20A, plug socket with separate 20 A Piano key type switch (Brand approved by EIC) on sheet metal switch board embedded in wall incl. S & F 150x100x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required [E6/22]	Each	287	8	2296
3	Supply & Fixing 240 V, 3 nos. 6A, & 1 no. 20A plug socket with separate 3 nos. 6 A & 1 no. 20A Piano key type switch, indicator & 20A switch type SP MCB (Brand approved by EIC) on sheet metal switch board embedded in wall incl. S & F 240x200x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required . E7/26	Each	752	8	6016
4	Supplying and fixing double-door SPN MCB Distribution Board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment. Legrand(Encl.607712) 2+12way (PWD2014/D9/13)	Each	1757	1	1757
5	Supplying and fixing 240/415 V MCB Isolator on din rail of existing DBs and necessary connection.				

	63A DP Legrand (PWD2014/D5/6)	Each	460	1	460
6	Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection				
	SP 6-32Amps Legrand [D6/7]	Each	190	36	6840
7	Supply & Fixing 240 V, 25A Modular type socket, 25 A, modular type starter (Brand approved by EIC) with 25A modular switch type DP MCB DP MCB (C-Curve) and 6 Module GIModular type switch board with 6 Module top cover plateflushed in wall incl. S&F switch board and cover plate andmaking necy. connections with PVCCu wire and earth continuity wire etc. [E19/18 ]	Each	1047	1	1047
8	Supplying and Drawing 1.1 KV single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand approved by EIC) of the following sizes in the prelaid polythene pipe and by the prelaid GI fish wire and making necy. connection as required [E14/E1]				
	2x22/0.3(1.5sq.mm)+1x22/0.3(1.5sq.mm)ECC(LDB to SWITCH BOARD)	RM	102	35	3570
	2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC (PDB to 6A Plug pt)	RM	119	97	11543
	2 x 56/0.3 (4 sqmm) + 1 x 36/0.3 (2.5 sqmm) ECC (PDB to 16A plug)	RM	149	77	11473
	2 x 84/0.3 (6 sqmm) + 1 x 56/0.3 (4 sqmm) ECC (PDB to Stabilizer& AC )	RM	193	57	11001
9	Fixing only single/twin fluorescent light fitting suspended 25 cm bellow the ceiling with 2 No. 20 mm dia EI conduit (14 SWG) supports fixed with "L" type MS clamp whose one side fixed on ceiling with suitable size 4 nos. fastener and other side connected with the conduit with suitable size of bolts and nuts incl. S&F EI conduit, "L" type (125mmx125mm) 6mm thick and 25mm with MS clamps and connecting the length of PVC insulated wire and mending good damages to original finish and painting etc. by 2x24/0.20 mm (1.5sqmm.) flexible copper wire of 1.10 mt. length (T/L SET :9Nos.) [ C2/17]	Each	199	9	1791
10	Supply & Fixing Socket type fan regulator (Step type) (Brand approved by EIC) on existing sheet metal switch board with bakelite/perspex top cover by screw after making housing for regulator knob by cutting bakelite/perspex top cover incl. making necy. connections etc [E6/18A]	Each	236	7	1652
11	Supply & Fixing 240V6A plug socket without switch & plug top on existingswitch board having bacelite cover by screws after making housing for socket & making necy connection.	Each	36	3	108
12	Supply & Fixing 240V6A piano key type switch (brnd aprpd) on existing switch board having bacelite cover by screws				

	after making housing for socket & making necy connection.	Each	27	3	81
13	Supply & Fixing 240 V,25 A, 3 pin Modular type plug top with indicator (Brand approved by EIC) & necy. Connections	Each	129	1	129
14	LUMINAIRES				
a	TMC 501P 2xT -LED Incl.mounting rail for TLED Lamps (Philips)	Each	600	9	5400
b	TLED Essential tube 1200mm..1600 Lumen 20w(Philips)	Each	400	18	7200
15	Lowering & refixing of existing ceiling fan complete with blades canopy,fork,rubber bush etc.incl making necy connection & disconn. as reqd. [C3/22]	Each	35	6	210
16	Supplying and fixing double door Horizontal TPN MCB Distribution board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment Legrand(encl.607717) 8way [D10/4]	Each	4194	1	4194
17	Supplying and fixing 240/415 V MCB Isolator on din rail of existing DBs and necessary connection. 100A FP Legrand (D5/7)	Each	927	1	927
18	Supply & Fixing high speed (rpm 2000 ) with regulator wall fan (Orient,crompton greaves,Usha make.	Each	2117	2	4234
19	Fixing only cabin fan on wall/ceiling by S&F rag bolts, nuts & washers (6 mm dia x 62 mm long) or as reqd. incl. S&F 24/0.20 PVC insulated flexible copper wire 0.5 mt. length . [C4/29]	Each	92	2	184
20	Air Conditioner Machine				
A)	Supply,delivery & Testing of high wall split air conditioner,having following specification: (Hitachi/Daikin/Voltas) cooling capacity not less than 6400watt minimum ISEER-3.5 BEE level:3star or above IS compliance-IS-1391 Refrigerant -R410/R32 Compressor;Rotary/Scroll Evaporator & Condenser coil; copper operating outdoor Temp:50degree or above Power supply:230V,50Hz The scope of work is also includes supply of following i)Necessary refrigerant copper line with nitrile rubber insulation 3mtr ii)Necessary copper cable (FRLS Type;Finolex,Havells,Polycab)	Each	39940	1	39940
B)	Installation & commissioning of indoor& outdoor unit of said HI wall split AC m/c after making hole in wall incl.S&F necy fixing arrangements				

	for indoor & outdoor unit,duly painted,laying &making connection of drn pipe,refrigerant pipe,power cable as per EIC.	set	2500	1	2500
C)	S&F additional items for length exceeding 3 mtrs for complete installati on,testing & commissioning of above AC machine; i) 3 core 2.5sq.mm PVC insulated FRLS grade copper cable(Finolex) ii)S&F of 5/8" &1/4" extra refrigerant copper pipe with 9mm thick nitrile rubber insulation.(Each mtr of refrigerant pipe will include cost of 1mtr liquid pipe & 1mtr gas pipe of reqd dia) incl fixing arrangements,with wrapping insulation tape complete in all respect as per EIC	RM	750	15	11250
D)	S&F PVC drain pipe for drainage connection as per EIC	RM	80	40	3200
E)	S&F angle structre/pre fabricated angle with mending works for installati on of split air conditioner as per EIC	set	1800	1	1800
F)	Hire & labour charges for shuttering with centering &necy. Staging upto 4mtr using approved stout props &thick hard wood planks of apprpd thickness with reqd.bracing for concrete slab,beams & coloumns,lintels curved or straight.....works (upto roof of G/F) When the height of a particular floor is more than 4mtr the equivalent flr height shall be taken as 4mtr 7 extra for works beyond the initial 4mtr shall be allowed under 12(e) for every 4mtr or part thereof.extra for staging beyond 4mtr in any floor.(H=12mtr,B=2mtr,L=1.5mtr) Vol=36cum	cum	68	18	1224

[PWDSch rate:19-20]

**(A) TOTAL BASIC COST :** 152427

**(B)G.S.T @12% ON TOTAL TENTATIVE BASIC COST(A)(Subject to verification of accounts dept)** 18291

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**TOTAL BASIC COST +GST(A+B)** 170718

**(C) ADD 1% L.W CESS ON C :** 1707

**TOTAL COST :(A+B+C)=Rs(152427+18291+1707)= RS 172425**

**Rs:One lakh seventy two thousand four hundred & twenty five only**

**Name of contractor:**

**Address of the contractor :**

**Amount/Rate quoted by the contractor:**

**Signature of the contractor with seal**







