



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 /ET-134 /20-21	Dated- 05/01/2021
2.	Name of Work	:	ELECTRICAL RENOVATION WORKS AT 3RD FLOOR, DEPARTMENT OF APPLIED PSYCHOLOGY, PALIT BUILDING, RAJABAZAR SCIENCE COLLEGE, CU , KOL-9	
3.	Estimated Cost put to Tender	:-	Rs 175942.00	
4.	Earnest Money Deposit(EMD)	:-	A sum of Rs 8800/- (Rupees Eight Thousand and Eight 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 15.01.2021 (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 15.01.2021 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- ELECTRICAL RENOVATION WORKS AT 3RD FLOOR, DEPARTMENT OF APPLIED PSYCHOLOGY,
PALIT BUILDING,RAJABAZAR SCIENCE COLLEGE,CU , KOL-9-

N. I.T. no- Eng /ET 134 /20-21

Dated- 05/01/2021

Name of Agency:-

Estimated cost Put to Tender:-Rs 175942.00

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 /ET134 /20-21

Dated 05.01.21

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 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 Agency:

Address :-

SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE:



Eng /ET -134 /20-21

Dated 05.01.21

Price Schedule

**ELECTRICAL RENOVATION WORK AT 3RD FLOOR, DEPARTMENT
OF APPLIED PSYCHOLOGY, PALIT BUILDING, RAJABAZAR
SCIENCE COLLEGE, CU , KOL-9**

Schedule Followed PWD schedule 2017 & Present Local Market Price

Item No	Description of Items	Unit	Rate	Qty	Amount
1	Distn wiring in 1.1 KV single core stranded FR" PVC insulated & Unsheathed copper wire in 20 mm size PVC rigid conduit FR (Precision/ Presto make) incl necessary fittings as required (Page no-E-14 item no-1a-I & ii)				
	i) 2X 2.5 +1x 1.5	Metre	119	150	17850
	ii) 2X6 +1x4	Metre	193	95	18335
	iii) 2x4+1X2.5	Metre	149	85	12665
2	Supply and fixing 240V, 3 nos 6A & 1 nos 20A plug socket with seperate 2 nos 6A & 2 nos 20A piano key type switch, indicator & 20A switch type SP MCB (Brand approved by EIC) on sheet metal switch board embedded in wall icl supply and fixing 240x200x65mm MS switch board and bakelite top cover of 3mm thick by brass screws after making housing for switch by cutting bakelite cover and maling necessary connections as required (Page no-E7/ Item no-26)	No	752	20	15040
3	Supply and fixing 240V,25A modular type socket, 25A Modular type starter (Brand approved by EIC) with 25A modular switch type DP MCB (C Curve) and 6 module GI modular type switch board with 6 module top cover plate flushed in wall incl supply and fixing switch board and cover plate and making necessary connections with PVC Cu wire and earth continuity wire etc. (Page no-E-19, Item no-18)	No	1047	7	7329
4	Supply & connection of 25A 3 pin plug top (Page no-K-3,item no-113)	Each	120	7	840
5	LED Batten Type- TMC 501 P 1XT-LED 22W P 3242	Each	500	20	10000
6	LED Lamps-Type-MAS LED TUBE 1200mm 18W 865 T81	Each	900	20	18000
7	Fixing only light fitting complete with all accessories directly on wall with round block & suitable size of fastner,Ceiling plate,nipples etc as required (Page no-C-2 item no-14-d)	Each	90	20	1800

8	Distn wiring in 1.1 KV grade 2X22/0.3 (1.5 sq mm) single core stranded FR PVC insulated & unsheathed copper wire in 20 mm size PVC rigid conduit FR (Precision Make) with 1x22/0.3 (1.5 sq mm) single core stranded FR PVC insulated & unsheathed copper wire for ECC to light/ fan/call bell points with piano key type switch (Anchor make) fixed on MS CRC sheet metal (SWG) switch board cum JB on wall complete with 2 nosuitable size Ph & N copper bar incl bakelite top cover 3 mm thick and incl 175 mm x100 mm x 65 mm inspection box,making earthing attachment,painting the MS box and mending good the damage to original finish (Page no-E-14, item no-2)				
	i) Average run 6 mts	No	691	9	6219
	ii) Average run 5 mts	No	612	25	15300
9	Supply of 400mm Wall Fan Make-Havells Model-Platina	No	2840	4	11360
10	Fixing only ceiling fan complete with blades,canopy,fork,rubber bush etc incl S & F connecting wire for down rod upto 30cm incl painting the rod with approved paint and making necessary connection as required by 2x1.5 sqmm flexible copper wire (Page no-C-3 item no-21a)	No	66	10	660
11	Fixing only cabin fan on wall by S & F rag bolts, nuts & washer (6mm dia X 62 mm long) or as required incl S & F 24/0.20 PVC insulated flexible copper wire 0.5 mt lengthy (C4,item no-29)	Each	92	4	368
12	Supply of heavy duty exhaust fans380mm, 900 RPM model-Turbo force SP (As per market price schedule 2018)	Each	4150	1	4150
13	Fixing only exhaust fan after making in hole in wall and making good damages and smooth finish etc as particible as possible and providing necy length of PVC insulated wire and making connection for exhaust fan of following diameter	Each	411	1	411
	38 Cm (C-4, item no-28-C)				0
14	Supply and fixing socket type fan regulator (Step type) on existing sheet metal switch board with bakelite top cover by screw incl making necessary connections etc (E-6 item no-18-b)	Each	218	20	4360
15	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				0

	Havells 2+6 way Enclosure (DHDPSNODRWO6)	Each	1073	5	5365
16	Supplying and fixing 240/415 V MCB of breaking capacity 10KA & C characteristics on din rail of existing DBs and necessary connection (D-6 item no-7)				0
a)	Havells 6-32A Single pole	No	168	18	3024
b)	40A DP MCB	No	703	5	3515
17	Dismantling the existing Electrical wiring	LS	500	1	500

A) Total Tentative basic cost	157091
B) GST on A @ 12%	18850.92
Total tentative basic cost + GST (A+B)	175941.92
Total	Rs 175942

Name of the Agency

Address of the Agency

Rate Quoted by the Agency

Signature of the agency with date



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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 /ET- 135 /20-21	Dated- 05.01.21
2.	Name of Work	:	ELECTRICAL RENOVATION WORK FOR THE INSTALLATION OF SPECTROMETER AT GROUND FLOOR AT THE DEPARTMENT OF PHYSICS, PROF ARITRA BENERJEE, PALIT BUILDING,RAJABAZAR SCIENCE COLLEGE,CU , KOL-9	
3.	Estimated Cost put to Tender	:-	Rs 108973.00	
4.	Earnest Money Deposit(EMD)	:-	A sum of Rs 5450/- (Rupees Five Thousand and Four hundred fifty only) in the form of CTS demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. . 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 15.01.21 (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 15.01.21 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- ELECTRICAL RENOVATION WORK FOR THE INSTALLATION OF SPECTROMETER AT GROUND FLOOR AT THE DEPARTMENT OF PHYSICS, PROF ARITRA BENERJEE, PALIT BUILDING,RAJABAZAR SCIENCE COLLEGE,CU , KOL-9

N. I.T. no- Eng /ET -135 /20-21

Dated- 05.01.21

Name of Agency:-

Estimated cost Put to Tender:-Rs 108973.00

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 /ET 135 /20-21

Dated 05.01.21

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 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 Agency:

Address :-

SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE:



Eng /ET - 135 /20-21

Dated 05.01.21

Price Schedule

ESTIMATE FOR ELECTRICAL RENOVATION WORK FOR THE INSTALLATION OF SPECTROMETER AT GROUND FLOOR LABORATORY, DEPARTMENT OF PHYSICS, PROF ARITRA BANERJEE, PALIT BUILDING, RAJABAZAR SCIENCE COLLEGE, CU , KOL-9

Schedule Followed PWD schedule 2017 & Present Local Market
Price

Item No	Description of Items	Unit	Rate	Qty	Amount
1	Distn wiring in 1.1 KV single core stranded FR" PVC insulated & Unsheathed copper wire in 20 mm size PVC rigid conduit FR (Precision/ Presto make) incl necessary fittings as required (Page no-E-14 item no-1a-I & ii)				
	i) 2X 2.5 +1x 1.5	Metre	119	135	16065
	ii) 2x4+1X2.5	Metre	149	32	4768
2	Supply and fixing 240V, 2 nos 6A & 2nos 20A plug socket with seperate 2nos 6A &2nos 20A piano key type switch, indicator & 20A switch type SP MCB (Brand approved by EIC) on sheet metal switch board embedded in wall icl supply and fixing 240x200x65mm MS switch board and bakelite top cover of 3mm thick by brass screws after making housing for switch by cutting bakelite cover and maling necessary connections as required (Page no-E7/ Item no-28)	No	822	9	7398
3	Supplying and fixing 240/415 V MCB of breaking Capacity 10KA & C Characteristics on din rail of existing DB and necessary Connection (D-6, Item no-7)				
	i) 6-32A SP MCB Make-Havells	Each	168	23	3864
	ii) 40A DP MCB which is connected raw power at the inside of the laboratory & One is connected with chiller unit	Each	703	2	1406
	iii) 10A DP MCB Make-Havells	Each	478	1	478
4	A low glare high efficiency recessed mounted LED downlight Type-BBS170 1XDLED-5000 PSU WH Make-Philips (As per philips market price list 2018)	Each	1715	10	17150
5	MCB Enclosure-2 way	Each	220	3	660
6	Fixing the recessed mounting luminaires including with all accessories recessed in false ceiling after cutting the ceiling with all required and necessary connection (As per market price basis)	Each	150	10	1500
7	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 Make-Havells, 2+8 Way, Enclosure (DHMSNHOS108) (Page no D-10, item no-13)	Each	1197	1	1197

8	Supply and fixing 240V,25A modular type socket, 25A Modular type starter (Brand approved by EIC) with 25A modular switch type DP MCB (C Curve) and 6 module GI modular type switch board with 6 module top cover plate flushed in wall incl supply and fixing switch board and cover plate and making necessary connections with PVC Cu wire and earth continuity wire etc. (Page no-E-19, Item no-18)	No	1047	2	2094
9	Supply & connection of 25A 3 pin plug top (Page no-K-3,item no-113)	Each	120	2	240
10	Supplying and fixing compression type gland complete with brass gland , brass ring for dust and moisture proof entry of XLPE/ PVC armoured cable as 25 sq mm 4 core (F-4 item no-7)	Each	162	2	324
11	Finishing the end of following XLPE/PVC armoured cables by crimping method incl supplying and fixing solderless socket (Dowels make) tapes, anticorrosive paste and jointing materials (F-5, item no-8-b)	Set	115	2	230
12	Supply and Fixing of 400mm Wall Fan Make Havells Model-Platina	Each	2840	3	8520
13	Analog Air conditioner timer for 2 AC (2T each machine) with DIP switch which is controls/ protects two air conditioners, Auto/ Manual mode selection, Protection against over voltage , under voltage with indication (As per market schedule)	Each	4500	1	4500
14	Fixing only cabin fan on wall by supply and fixing rag bolts, nuts & washer (6mm diax62mm long) or as required incl supply and fixing 24/.20 PVC insulated flexible copper wire 0.5mt length (C4, Item no-29)	Each	92	3	276
15	Laying of cable upto 3/4 core 25 sq mm on wall/ surface incl supply and fixing MS saddle with earthing attachment in 10 swg GI (Hot dip) wire, making holes etc as necy mending good damages (F-1, item no-2b)	RM	60	35	2100
16	Distn wiring in 1.1 KV grade 2X22/0.3 (1.5 sq mm) single core stranded FR PVC insulated & unsheathed copper wire in 20 mm size PVC rigid conduit FR (Precision Make) with 1x22/0.3 (1.5 sq mm) single core stranded FR PVC insulated & unsheathed copper wire for ECC to light/ fan/call bell points with piano key type switch (Anchor make) fixed on MS CRC sheet metal (SWG) switch board cum JB on wall complete with 2 nosuitable size Ph& N copper bar inclbakelite top cover 3 mm thick and incl 175 mm x100 mm x 65 mm inspection box,makingearthingattachment,painting the MS box and mending good the damage to original finish (Page no-E-14, item no-2)				
	i) Average run 8 mts	No	849	13	11037
17	Dismantling the existing Electrical wiring	LS	500	1	500

18	Supply of 4 core 25 sq mm Armoured LT power cable Al conductor (As per havells price list 2017)	RM	175	35	6125
19	Supplying and fixing 240/415V MCB isolator on din rail of existing DBs and necessary connection(D-5 item no-6)	No	687	1	687
	Havells 63A FP				
20	Supply and fixing sheet steel main switch on angle frame on wall with 63A Make-Standard (D1 item no-1b)	Each	3180	1	3180
21	Supplying and fixing double door horizontal TPN MCB distribution board with IP-42/43 protection, including inter connection with suitable size of copper wire and neutral link and provision for earthing attachment. Make-Havells, 6 way, Enclosure (DHDPTHODRW06) (Page no-D-10, Item no-14)	No	2998	1	2998
	A) Total Tentative basic cost				97297
	B) GST on A @ 12%				11675.64
	Total tentative basic cost + GST (A+B)				108973
	Name of the Agency				
	Address of the Agency				
	Rate Quoted by the Agency				
	Signature of the agency with date				