



**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>	:	Eng/ET-287 /19-20	Dated-01/11/2019
2.	<b>Name of Work</b>	:	Electrical Renovationwork at the Department of Physics, Prof Parongama Sen, 1 <sup>st</sup> floor , Rajabazar Science College, 92, A.P.C Road, Kollata-700009, University of Calcutta	
3.	<b>Estimated Cost put to Tender</b>	:-	Rs 84696/- (Including all Taxes)	
4.	<b>Earnest Money</b>	:-	A sum of <b>Rs 4250/- (Rupees Four thousand Two hundred fifty only)</b> . in the form of <b>CTS</b> demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the successful bidder. In case of successful tender the EMD will be returned on application after an equal amount of security deposit is ducted by the University from the running bills.	
5.	<b>Time of completion</b>	:-	15 days	
6.	<b>Eligibility Criteria</b>	:-	Valid trade License , GST & Pan and credential for satisfactory completion of similar nature of job. Amounting 75 % of the estimated value in a single tender in the last three financial year . Government, Government Undertaking and University of Calcutta credentials are accepted.(only completion certificate of the work should be treated as Credential.	
7.	<b>Last date of receipt of application for tender</b>	:-	NA	
8.	<b>Last date of Sale/ issue of tender papers</b>		TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)	
9.	<b>Last Date and Time of tender Submission</b>	:-	13/11/2019 (Upto 2 PM)	
10.	<b>Date and Time of Tender Opening</b>	:-	13/11/2019 (On or after 3 PM)	

N.I.T no ,Name of work and the date of opening should be written on the sealed envelope otherwise tender will not be opened thus cancelled.

For details enquiry & further correspondence feel free to contact the Engineer C.U. or  
The Office of the Engineer at any working day between 11.00 am to 4.00 pm.

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

UNIVERSITY ENGINEER (C.U)



# UNIVERSITY OF CALCUTTA

N. I.T. no- Eng/ET- 287 /19-20

Dated- 01/11/2019

Name of the work:-Electrical Renovation work at the Department of Physics, Prof ParongamaSen, 1st floor ,  
Rajabazar Science College, 92, A.P.C Road, Kollata-700009, University of Calcutta.

Estimated cost Put to Tender:-Rs84696/-

Name of Agency:-

Address of Agency:-

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

Total Quoted amount:- Rs.....

Signature of the Agency with date & stamp:-

Signature of the Concerned Sub-Assistant-Engineer/University Engineer as a token  
that the agency has visited the site:-



# UNIVERSITY OF CALCUTTA

N. I.T. no- Eng /ET-287 /19-20. Dated- 01/11/2019

## TENDER AND CONTRACT FOR WORK

### GENERAL TERMS AND DIRECTION FOR THE GUIDANCE OF CONTRACT

1. Eligible Tenders will have to download the tender papers from the website & drop the filled tender papers signed with seal and date at every page along with copy of Valid Trade license's, GST & PAN and Credential for satisfactory completion of similar nature of job amounting to at least seventy five percent of the job value in a single tender from any Government, Govt. undertaking or University of Calcutta in the last three financial year(**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 up to **2.00 pm on 13/11/2019** which will be opened by the undersigned or by his representative in your presence within 3.00 pm on the same day .**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 15 days** from the date of receipt of work order. Time is the essence of this contract. Normally no time extension will be granted. In case of prayer for extension of time the University authority has the full right reserved to grant it or discard it.

6. (a) If the successful contractor's bid rate is 80% or less than the estimated amount put to tender the contractor will have to submit a Bank Guarantee amounting to 10% of the Tendered amount before issue of Work order failing which the EMD will be forfeited and the agency may be blacklisted. The Bank Guarantee should be valid till the end of the contract period and shall be renewed accordingly if required. This bank Guarantee is an Additional Performance Security. So provision of deducting Security deposit from bills will hold goods per relevant clause of the contract. The bank Gurrantee shall be returned immediately on successful completion of contract.

(b) The University authority will retain a sum amounting to 10% of the bill of the contract for a period of six months from the date of completion of work as **Security Deposit**. Which will be released after a period of six months from the date of completion of the work on application.

7. A sum of **5% of the estimated amount i.e Rs 4250/- (Rupees Four thousand two hundred fifty only)**. in the form of demand draft in favour of UNIVERSITY OF CALCUTTA payable at Kolkata is to be attached with the tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenderers on application after issue of work order to the successful bidder.

For successful tenderer the EMD will be returned on application after an equal amount of security deposit is deducted from the running bills.

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

**Name of Issuing Bank:--**

**B ranch :-**

**Amount :-Rs4250/- (Rupees Four thousand two hundred fifty only).**

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



9. The materials brought to site for execution of the work should by no means be taken out of site without the permission of the Engineer C.U.

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

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

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

13. The contractor will work under the strict supervision of the Engineer. 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 regarding the execution of work.

15. Defect & liability Period :-The defect & liability period will be for a period of six months from the date of completion of the job. Any defects pointed out during this period has to be mend good by the agency at their own cost failing which the retention money will be forfeited.

16. The Agency must visit the site before bidding and must take signature of the concern Sub Assistant Engineer in the

Sd/-

University Engineer

Name of the Agency:

Address :-

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

**ESTIMATE FOR THE ELECTRICAL RENOVATION WORK AT THE  
DEPARTMENT OF PHYSICS ,1ST FLOOR,PROF PARONGAMA SEN  
,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)				
	2X 2.5 +1x 1.5	Metre	119	85	10115
	2x4+1X2.5	Metre	149	22	3278
2	Dismantling the existing Electrical wiring	LS	400	1	400
3	Supply and fixing 240V, 3 nos 6A,& 1 no 20A dual plug socket with separate 3 nos 6A & 1 no 20A Piano key type switch, indicator & 20A switch type SP MCB on sheet metal switch board embedded in wall incl supply and fixing 240x200x65 mm MS (16 SWG) switch board and bakelite top cover of 3 mm thick by brass screw after making housing for switch by cutting bakelite cover and making necessary connection as required (Page no-E-7, Item no-26)	Each	752	7	5264
4	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	1	1047
5	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)				
	Average run 5 mtr	No	612	5	3060
	Average run 8 mts	No	849	8	6792
	Average run 10 mts	No	1007	2	2014

6	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)	No	168	<b>18</b>	3024
	Havells 6-32A Single pole				
7	Supply and fixing of 400mm Wall Fan Make-Havells Model-Platina	No	2840	<b>4</b>	11360
8	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	<b>2</b>	436
9	Fixing only light fitting complete with all accessories directly on wall with round block & suitable size of fastner,Ceilingplate,nipplesetc as required (Page no-C-2 item no-14-d)	Each	161	<b>9</b>	1449
10	Fixing only ceiling fan complete with blades,canopy,fork,rubber bush etcincl 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	<b>1</b>	66
11	Supply of 1400mm ceiling fan Model-XP-390 Make- Havells. (As per market price-2018)	Each	2730	<b>1</b>	2730
12	Supply and fixing iron beam fan clamp of two piece type,as per approved specification, fabricated from 40mmX 9mm MS sheet flat suitable for beam having flange upto 150 mm wide. (D-14 item no-30)	Each	178	<b>2</b>	356
13	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	<b>8</b>	480
14	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	<b>2</b>	324
15	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	<b>2</b>	230
	4 core 25 sq mm				

16	Supply of 4 core 25 sq mm Armoured LT power cable Al conductor (As per havells price list 2017)	RM	175	8	1400
17	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				
18	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
19	LED Batten (Double fitting) Make-Philips Type-TMC 501P 2XT-LED 22W P3242	Each	600	5	3000
20	LED Batten (Double fitting) Make-Philips Type-TMC 501P 1XT-LED 22W P3242	Each	500	4	2000
21	Supply & Fixing of LED lamps Type-MAS LED TUBE 1200mm 18W 865 T81 Make-Philips	Each	900	14	12600
22	Extra for suspension exceeding 25 cm with S & F additional 2 no 20 mm dia EI conduit (14 SWG) supports and necessary PVC insulated wire and painting etc as required by 2X24/0.20 mm (1.5sq mm) flexible copper wire of 1.10mt length (Page no-C-2 item no-16)	RM	155	1	155
23	Supply and fixing iron beam fan clamp of two piece type,as per approved specification, fabricated from 40mmX 9mm MS sheet flat suitable for beam having flange upto 150 mm wide. (D-14 item no-30)	Each	178	2	356

Total Basic cost	75621
GST on A @ 12%	9075
Total tentative basic cost + GST (A+B)	84696





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**NOTICE INVITING TENDER**

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

1.	<b>N.I.T. No</b>	:	Eng/ET- 288 /19-20	Dated-01/11/2019
2.	<b>Name of Work</b>	:	Electrical Renovation work in Room No-28 of Gr Floor at Palit Building, Dr Mijanur Rahaman, Department of Chemistry , Rajabazar Science College, 92, A.P.C Road, Kollata-700009, University of Calcutta	
3.	<b>Estimated Cost put to Tender</b>	:-	Rs 139684/- (Including all Taxes)	
4.	<b>Earnest Money</b>	:-	A sum of <b>Rs 7000/- (Rupees Seven thousand only)</b> , in the form of <b>CTS</b> demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the successful bidder. In case of sucessful tender the EMD will be returned on application after an equal amount of security deposit is ducted by the University from the running bills.	
5.	<b>Time of completion</b>	:-	15 days	
6.	<b>Eligibility Criteria</b>	:-	Valid trade License , GST & Pan and credential for satisfactory completion of similar nature of job. Amounting 75 % of the estimated value in a single tender in the last three financial year . Government, Government Undertaking and University of Calcutta credentials are accepted.(only completion certificate of the work should be treated as Credential.	
7.	<b>Last date of receipt of application for tender</b>	:-	NA	
8.	<b>Last date of Sale/ issue of tender papers</b>		TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)	
9.	<b>Last Date and Time of tender Submission</b>	:-	13/11/2019 (Upto 2 PM)	
10.	<b>Date and Time of Tender Opening</b>	:-	13/11/2019 (On or After 4 PM)	

N.I.T no ,Name of work and the date of opening should be written on the sealed envelope otherwise tender will not be opened thus cancelled.

For details enquiry & further correspondence feel free to contact the Engineer C.U. or The Office of the Engineer at any working day between 11.00 am to 4.00 pm.

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

UNIVERSITY ENGINEER (C.U)



## UNIVERSITY OF CALCUTTA

N. I.T. no- Eng/ET- 288 /19-20

Dated- 01/11/2019

**Name of the work:-** Electrical Renovation work in Room No-28 of Gr Floor at Palit Building, Dr Mizanur Rahaman, Department of Chemistry , Rajabazar Science College, 92, A.P.C Road, Kollata-700009, University of Calcutta

**Name of Agency:-**

**Estimated cost Put to Tender:- Rs 139684/-**

**Address of Agency:-**

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

**Total Quoted amount:- Rs.....**

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

**Signature of the Concerned Sub-Assistant-Engineer/University Engineer as a token that the agency has visited the site:-**



## **UNIVERSITY OF CALCUTTA**

**N. I.T. no- Eng /ET- 288 /19-20.**

**Dated- 01/11/2019**

### **TENDER AND CONTRACT FOR WORK**

#### **GENERAL TERMS AND DIRECTION FOR THE GUIDANCE OF CONTRACT**

**1. Eligible Tenders will have to download the tender papers from the website & drop the filled tender papers signed with seal and date at every page along with copy of Valid Trade license's, GST & PAN and Credential for satisfactory completion of similar nature of job amounting to at least seventy five percent of the job value in a single tender from any Government, Govt. undertaking or University of Calcutta in the last three financial year(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 up to **2.00 pm on 13/11/2019** . which will be opened by the undersigned or by his representative in your presence within 3.00 pm on the same day .**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 15 days** from the date of receipt of work order .Time is the essence of this contract. Normally no time extension will be granted. In case of prayer for extension of time the University authority has the full right reserved to grant it or discard it.

**6. (a)**If the successful contractor's bid rate is 80% or less than the estimated amount put to tender the contractor will have to submit a Bank Guarantee amounting to 10% of the Tendered amount before issue of Work order failing which the EMD will be forfeited and the agency may be blacklisted. The Bank Guarantee should be valid till the end of the contract period and shall be renewed accordingly if required. This bank Guarantee is an Additional Performance Security .So provision of deducting Security deposit from bills will hold goods per relevant clause of the contract. The bank Gurrantee shall be returned immediately on successful completion of contract.

**(b)** The University authority will retain a sum amounting to 10% of the bill of the contract for a period of six months from the date of completion of work as **Security Deposit**. Which will be released after a period of six months from the date of completion of the work on application.

7. A sum of **5% of the estimated amount i.e Rs6000/- (Rupees six Thousand only)** .) in the form of demand draft in favour of UNIVERSITY OF CALCUTTA payable at Kolkata is to be attached with the tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenderers on application after issue of work order to the successful bidder.

For successful tenderer the EMD will be returned on application after an equal amount of security deposit is deducted from the running bills.

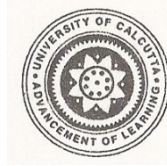
**D.D No**..... Dated / /20

**Name of Issuing Bank:--**

**Branch :-**

**Amount :- Rs7000/- (Rupees Seven thousand only).**

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



9. The materials brought to site for execution of the work should by no means be taken out of site without the permission of the Engineer C.U.

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

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

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

13. The contractor will work under the strict supervision of the Engineer. 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 regarding the execution of work.

15. Defect & liability Period :- The defect & liability period will be for a period of six months from the date of completion of the job. Any defects pointed out during this period has to be mend good by the agency at their own cost failing which the retention money will be forfeited.

16. The Agency must visit the site before bidding and must take signature of the concern Sub Assistant Engineer in the

Sd/-

University Engineer

Name of the Agency:

Address :-

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

<b>ESTIMATE FOR THE ELECTRICAL RENOVATION WORK IN ROOM NO-28 OF Dr MIZANUR RAHAMAN, DEPARTMENT OF CHEMISTRY PALIT BUILDING,GR FLOOR,RAJABAZAR SCIENCE COLLEGE,CU , KOL-9</b>					
Schedule Followed PWD schedule 2017 & Present Local Market Price					
<b>Item No</b>	<b>Description of Items</b>	<b>Unit</b>	<b>Rate</b>	<b>Qty</b>	<b>Amount</b>
1	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	3	654
2	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)				
	2X 2.5 +1x 1.5	Metre	119	280	33320
	2x4+1X2.5	Metre	149	30	4470
3	Supply of flurescent tube light set Type-TMS501 2XTL-D36WEBT Make-Philips	Each	1700	8	13600
4	Supply & Fixing of Florescent tube light 36W , 240V Make-Philips	Each	47	16	752

5	Supply of 400mm Sameera wall fan Make-Havells (As per market price schedule 2018)	Each	2670	2	5340
6	Fixing only cabin fan on wall by supply and fixing rag bolts, nuts and washers (6mm diaX 62 mm long) or as required incl supply and fixing 24/0.20 PVC insulated flexible copper wire 0.5 mt length (C4-item no-29)	Each	92	2	184
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	161	8	1288
8	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	3	198
9	Supply of 1400mm ceiling fan Model-XP-390 Make- Havells. (As per market price-2018)	Each	2730	3	8190
10	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)				
	Average run 8 mts	No	849	10	8490
	Average run 10 mts	No	1007	9	9063
11	Dismantling the existing Electrical wiring	LS	300	1	300
12	Extra for suspension exceeding 25 cm with S & F additional 2 no 20 mm dia EI conduit (14 SWG) supports and necessary PVC insulated wire and painting etc as required by 2X24/0.20 mm (1.5sq mm) flexible copper wire of 1.10mt length (Page no-C-2 item no-16)	RM	155	2	310

13	Supply and fixing iron beam fan clamp of two piece type,as per approved specification, fabricated from 40mmX 9mm MS sheet flat suitable for beam having flange upto 150 mm wide. (D-14 item no-30)	Each	178	1	178
14	Supply and fixing 240V , 6A plug socket with separate 6A piano key type switch on sheet metal switch board on wall incl supply and fixing 150X100X65mm MS switch board and bakelite top cover of 3 mm thick by brass screw after making housing for switch by cutting bakelite cover and making necessary connection.(E6,item no-21)	No	204	3	612
15	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)				
	Havells 63A FP	Each	1476	1	1476
	Havells 6-32A Single pole	No	168	20	3360
16	Supplying and fixing 240/415V MCB isolator on din rail of existing DBs and necessary connection(D-5 item no-6)				
	Havells 63A FP	No	687	1	687
17	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
18	Supplying and fixing ultra slim 12W,920 Lumen, philips make, round surface mounted LED panel with polycarbonate housing with light (As per philips price 2018)	Each	1120	8	8960
19	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	8	1200



20	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	10	600
21	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	10	1620
22	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
	4 core 25 sq mm				
23	Supply of 4 core 25 sq mm Armoured LT power cable Al conductor (As per havells price list 2017)	RM	175	10	1750
24	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)	Each	1047	1	1047
25	Fixing of single phase starter( 20A,250V) on the wall with necessary connection (Page no-C1)	Each	130	1	130
26	Supply & connection of 25A 3 pin plug top (Page no-K-3,item no-113)	Each	120	1	120
27	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	15	11280
28	Supply and fixing 240V, 8 nos 20A dual plug socket with seperate 8 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-E8/ Item no-32)	No	2024	1	2024

29	Supply and fixing 240V , 20A dual plug socket with separate 20A piano key type switch on sheet metal switch board on wall incl supply and fixing 150X100X65mm MS switch board and bakelite top cover of 3 mm thick by brass screw after making housing for switch by cutting bakelite cover and making necessary connection.(E6,item no-22)	No	287	1	287
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A) Total Tentative basic cost 124718

B) GST on A @ 12% 14966.16

Total tentative basic cost + GST (A+B) 139684.16

Total Cost **139684**



**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>	:	Eng/ET-289 /19-20	Dated-01/11/2019
2.	<b>Name of Work</b>	:	Electrical Renovation work in Room No-35 of Gr Floor at Palit Building Department of Chemistry , Rajabazar Science College, 92, A.P.C Road, Kollata-700009, University of Calcutta	
3.	<b>Estimated Cost put to Tender</b>	:-	Rs 119977/- (Including all Taxes)	
4.	<b>Earnest Money</b>	:-	A sum of <b>Rs 6000/- (Rupees Six thousand only)</b> . in the form of <b>CTS</b> demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the successful bidder. In case of successful tender the EMD will be returned on application after an equal amount of security deposit is ducted by the University from the running bills.	
5.	<b>Time of completion</b>	:-	15 days	
6.	<b>Eligibility Criteria</b>	:-	Valid trade License , GST & Pan and credential for satisfactory completion of similar nature of job. Amounting 75 % of the estimated value in a single tender in the last three financial year . Government, Government Undertaking and University of Calcutta credentials are accepted.(only completion certificate of the work should be treated as Credential.	
7.	<b>Last date of receipt of application for tender</b>	:-	NA	
8.	<b>Last date of Sale/ issue of tender papers</b>		TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)	
9.	<b>Last Date and Time of tender Submission</b>	:-	13/11/2019 (Upto 2 PM)	
10.	<b>Date and Time of Tender Opening</b>	:-	13/11/2019 (On or After 4 PM)	

N.I.T no ,Name of work and the date of opening should be written on the sealed envelope otherwise tender will not be opened thus cancelled.

For details enquiry & further correspondence feel free to contact the Engineer C.U. or  
The Office of the Engineer at any working day between 11.00 am to 4.00 pm.

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

UNIVERSITY ENGINEER (C.U)



## UNIVERSITY OF CALCUTTA

**N. I.T. no- Eng/ET-289 /19-20**

**Dated- 01/11/2019**

**Name of the work:-** Electrical Renovation work in Room No-35 of Gr Floor at Palit Building Department of Chemistry ,  
Rajabazar Science College, 92, A.P.C Road, Kollata-700009, University of Calcutta

**Name of Agency:-**

**Estimated cost Put to Tender:- Rs 119977/-**

**Address of Agency:-**

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

**Total Quoted amount:- Rs.....**

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

**Signature of the Concerned Sub-Assistant-Engineer/University Engineer as a token that the agency has visited the site:-**



## **UNIVERSITY OF CALCUTTA**

**N. I.T. no- Eng /ET-289 /19-20.      Dated- 01/11/2019**

### **TENDER AND CONTRACT FOR WORK**

#### **GENERAL TERMS AND DIRECTION FOR THE GUIDANCE OF CONTRACT**

**1. Eligible Tenders will have to download the tender papers from the website & drop the filled tender papers signed with seal and date at every page along with copy of Valid Trade license's, GST & PAN and Credential for satisfactory completion of similar nature of job amounting to at least seventy five percent of the job value in a single tender from any Government, Govt. undertaking or University of Calcutta in the last three financial year(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 up to **2.00 pm on 13/11/2019**. which will be opened by the undersigned or by his representative in your presence within 3.00 pm on the same day .**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 15 days** from the date of receipt of work order .Time is the essence of this contract. Normally no time extension will be granted. In case of prayer for extension of time the University authority has the full right reserved to grant it or discard it.

**6. (a)**If the successful contractor's bid rate is 80% or less than the estimated amount put to tender the contractor will have to submit a Bank Guarantee amounting to 10% of the Tendered amount before issue of Work order failing which the EMD will be forfeited and the agency may be blacklisted. The Bank Guarantee should be valid till the end of the contract period and shall be renewed accordingly if required. This bank Guarantee is an Additional Performance Security .So provision of deducting Security deposit from bills will hold goods per relevant clause of the contract. The bank Gurrantee shall be returned immediately on successful completion of contract.

**(b)** The University authority will retain a sum amounting to 10% of the bill of the contract for a period of six months from the date of completion of work as **Security Deposit**. Which will be released after a period of six months from the date of completion of the work on application.

7. A sum of **5% of the estimated amount i.e Rs6000/- (Rupees six Thousand only)** .) in the form of demand draft in favour of UNIVERSITY OF CALCUTTA payable at Kolkata is to be attached with the tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenderers on application after issue of work order to the successful bidder.

For successful tenderer the EMD will be returned on application after an equal amount of security deposit is deducted from the running bills.

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

**Name of Issuing Bank:--**

**Branch :-**

**Amount :- Rs6000/- (Rupees Six thousand only).**

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



9. The materials brought to site for execution of the work should by no means be taken out of site without the permission of the Engineer C.U.

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

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

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

13. The contractor will work under the strict supervision of the Engineer. 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 regarding the execution of work.

15. Defect & liability Period :- The defect & liability period will be for a period of six months from the date of completion of the job. Any defects pointed out during this period has to be mend good by the agency at their own cost failing which the retention money will be forfeited.

16. The Agency must visit the site before bidding and must take signature of the concern Sub Assistant Engineer in the

Sd/-

University Engineer

Name of the Agency:

Address :-

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

<b>PRICE SCHEDULE FOR THE ELECTRICAL RENOVATION WORK IN ROOM NO-35 OF GR FLOOR AT PALIT BUILDING DEPARTMENT OF CHEMISTRY,RAJABAZAR SCIENCE COLLEGE,CU , KOL-9</b>					
Schedule Followed PWD schedule 2017 & Present Local Market Price					
<b>Item No</b>	<b>Description of Items</b>	<b>Unit</b>	<b>Rate</b>	<b>Qty</b>	<b>Amount</b>
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)				
	2X 2.5 +1x 1.5	Metre	119	284	33796
2	LED Batten (Double fitting) Make-Philips Type-TMC 501P 2XT-LED 22W P3242	Each	600	9	5400
ii)	Supply & Fixing of LED lamps Type-MAS LED TUBE 1200mm 18W 865 T81 Make-Philips	Each	900	18	16200
4	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	161	9	1449
5	Dismantling the existing Electrical wiring	LS	300	1	300



6	Supply and fixing 240V, 2 nos 6A & 2 nos 20A plug socket with separate 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 incl 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 making necessary connections as required (Page no-E7/ Item no-28)	No	822	7	5754
7	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)	No	190	18	3420
	MCB (Brand approved by EIC) 6-32A Single pole				
8	Supplying and fixing 240/415V MCB isolator on din rail of existing DBs and necessary connection(D-5 item no-6)	No	1830	1	1830
	MCB (Brand approved by EIC) 63A FP				
9	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
11	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	48	2880
12	Supplying and fixing compression type gland complete with brass gland , brass ring for dust and moisture proof entry of XLPE/ PVC armoured cable as 16 sq mm 4 core (F-4 item no-7)	Each	132	2	264
13	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	95	2	190
	4 core 16 sq mm				
14	Supply of 4 core 16 sq mm Armoured LT power cable Al conductor (As per havells price list 2017)	RM	136	48	6528

15	Supplying and drawing 1.1 KV single core stranded FR PVC insulated and unsheathed single core stranded copper wire in the polythene pipe and making necessary connection for 3X10+2X6 sq mm (E-9, item no-1-c1)	RM	397	2	794
18	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 8 mts	No	849	2	1698
ii)	Average run 10 mts	No	1007	13	13091
19	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	4	872
	Supply of heavy duty exhaust fans 1 Phase, 4 pole ,380mm, 1400 RPM Cat No-EXHD380-4-1 (As per market price schedule 2018) Make-Crompton Greaves	Each	4150	1	4150
	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)				
	Supply & Fixing 240V, 1 no 6A & 1 no 20A,plug socket with seperate 6A & 20A piano key type switch (Brand approved by EIC) indicator & 16A kit-kat flush type fuse on sheet metal switch board embedded in wall incl supply and fixing 240X200x65mm MS (16 SWG) switch board and bakelite top cover of 3mm thick by brass screws after making housing for switch by cutting bakelite cover and making necessary connections as required (E7,item no-27)	Each	398	5	1990

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	1	66
Supply of 1400mm ceiling fan Model-XP-390 Make- Havells. (As per market price-2018)	Each	2730	1	2730
Extra for suspension exceeding 25 cm with S & F additional 2 no 20 mm dia EI conduit (14 SWG) supports and necessary PVC insulated wire and painting etc as required by 2X24/0.20 mm (1.5sq mm) flexible copper wire of 1.10mt length (Page no-C-2 item no-16)	RM	155	2	310
Supply and fixing iron beam fan clamp of two piece type,as per approved specification, fabricated from 40mmX 9mm MS sheet flat suitable for beam having flange upto 150 mm wide. (D-14 item no-30)	Each	178	1	1

Total 107122

B) GST on A @ 12%

12854.64

Total tentative basic cost + GST (A+B)

119976.64

**Total Cost**

**119977**