



UNIVERSITY OF CALCUTTA
OFFICE OF THE UNIVERSITY ENGINEER
87/1, College Street
Darbhanga Building, Ground Floor
Kolkata-700073
Website :-www.caluniv.ac.in

NOTICE INVITING TENDER

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

1.	N.I.T. No:	Eng /ET-283 /22-23. Date: 25.07.2022
2.	Name of the work:	<u>ELECTRICAL WORK AT THE PHYSICS DEPARTMENT INCLUDING LIBRARY IN RAJABAZAR CAMPUS ,92 A.P.C.ROAD,KOLKATA-700009</u>
3.	Estimated Cost put to Tender:	Rs 4,14,037.00/- (Including G.S.T) GST to be paid extra as applicable
4.	Earnest Money:	A sum of 2% of the quoted amount in the form of CTS demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the successful bidder. In case of successful tender the EMD will be returned on application after an equal amount of security deposit is deducted by the University from the running bills. EMD is not exempted in any case.
5.	Time of completion:	15 Days
6.	Eligibility Criteria and Documents to be submitted along with Application.	<p>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 /Government Undertaking or University of Calcutta. Original documents may be asked for verification of technical checking on the date of issuing tender paper . Failing to produce original documents, the tender will be rejected.</p> <p>The participant bidder must submit the following documents in sealed envelope in the tender box kept at the Office of the Engineer at the Ground Floor of the Darbhanga Building, University of Calcutta, 87/1, College Street, Kolkata – 700073 within the last date of submission of the tender.</p> <ol style="list-style-type: none">1. NIT documents duly filled and signed by the intending bidder.2. Bank Draft for EMD in favour of the University of Calcutta.3. Self-attested copy of Valid trade License , GST & Pan and credentials for satisfactory completion of similar nature of jobs under Government, Government Undertaking and Universities etc. within last three years.4. Application through postal service or courier service is not accepted.
7.	Last date of receipt of application for tender	On 27/07/2022 from 11AM to 4 PM (Must contain above mentioned document. The application duly signed by Engineer CU should be enclosed with tender documents.
8.	Last date of issue of tender papers	TO BE DOWNLOADED FROM WEBSITE.(www.caluniv.ac.in)
9.	Last Date and Time of tender Submission	Dully filled and signed tender/quotation to be submitted on 01 / 08/ 2022 from 11am 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 01/ 08/ 2022 after 3 pm at the Office of the University Engineer. Intending bidders are requested to be present at the time of opening tenders/quotations..

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 and will be rejected.

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-283 /22-23.

Date: 25.07.22

Name of the work-**ELECTRICAL WORK AT THE PHYSICS DEPARTMENT INCLUDING LIBRARY AND RESEARCH SCHOLAR HOSTEL IN RAJABAZAR CAMPUS, 92 A.P.C.ROAD, KOLKATA-700009**

Name of Agency:-

Address of Agency:-

Rate quoted by Agency:- (in figure and words)

UNIVERSITY OF CALCUTTA

N. I.T. no :Eng /ET- 283 /22-23

Dated:25.07.22

Item Rate contract

GENERAL TERMS AND CONDITION

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
box kept
Office of

Signature of the Agency with date & stamp:-

Tender
in the
the

Including GST



undersigned with in the specified time mentioned in the NIT which will be opened by the undersigned or by his representative with in the specified time and date mentioned in the NIT The tendered must write the name of the

work , NIT no , the date of opening and name of the bidder on the envelop failing which the tender will not be opened thus will be treated as cancelled.

2. The rate should be quoted after inspection of the site and inclusive of all incidental charges i.e. freight, insurances, labour insurances, handling charges, necessary government taxes, duties etc as well as the Water, Electricity charges which are to be paid as per rules .

3. The contractor shall be responsible to ensure compliance with the provision of minimum wages act 1948 as modified up to date and the rules made in respect of any employees, employed by the contractor directly or through the petty or subcontractor for the purpose of carrying this contract. The contractor shall be responsible for any damage, injury or loss caused by the work or workmen to any person, animal or material during the progress of work.

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



5. The allotted time for completion of the work as specified in the NIT from the date of receipt of work order .Time is the essence of this contract. Normally no time extension will be granted. In case of prayer for extension of time the University authority has the full right reserved to grant it or discard it.

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

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

7.A sum of 2% of the quoted amount in the form of CTS demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the successful bidder. In case of successful tender the EMD will be returned on application after an equal amount of security deposit is deducted by the University from the running bills. EMD is not exempted in any case. The earnest money will be returned to unsuccessful tenderers on application after issue of work order to the successful bidder for successful tenderer the EMD will be returned on application after an equal amount of security deposit is deducted from the running bills.

Amount:-Rs

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

Name of Issuing Bank:--

Branch :-

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



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

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

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

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

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

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

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

Sd/-

University Engineer

Name of the Agency:

Address :-

Signature of the Agency with date & stamp:-

N. I.T. no :Eng /ET-283/22-23

Date:25.07.22

SPECIFIC PRICE SCHEDULE FOR THE ELECTRICAL WORK AT PHYSICS DEPARTMENT INCLUDING LIBRARY,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	205	24395
	ii) 2x4+1X2.5	Metre	149	122	18178
	iii) 2X6+1X4	Metre	185	22	4070
2	LED Batten Type- TMC 501 P 2XT-LED 22W P 3242	Each	600	15	9000
3	LED Lamps-Type-MAS LED TUBE 1200mm 18W 865 T81	Each	650	30	19500

4	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	86	15	1290
5	Distn wiring in 1.1 KV grade 2X22/0.3 (1.0 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 (1.0 sq mm) single core stranded FR PVC insulated & unsheathed copper wire for ECC to light/ fan/call bell points with Modular type switch (Brand approved By EIC) fixed on Modular GI Switch board with top cover plate and 2 no suitable size Ph& N Copper bar & earthing attachment fixed on wall incl mending good damages to original finish. (E-24, No-1)				0
	i) Average run 8 mts	No	700	30	21000
	ii) Average run 10 mts	No	800	17	13600
6	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, 8 way, Enclosure (DHDP THODRW08) (Page no-D-10, Item no-14)	No	3832	5	19160
7	Supplying and fixing double door horizontal SPN 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, 2+8 way Enclosure (DHDP SNODRW08) (Page no-D-9, Item no-13)	No	1197	13	15561
8	Supply and fixing 240V, 3 nos 6A, 5 pin & 1 no 20A dual plug modular socket with separate 3 nos 6A & 1 no 20A Modular type switch, indicator & 20A modular type SP MCB on 3 row 18 Module GI Modular type switch board with 3 row 18 Module top cover plate surface on wall incl necessary back plate and making necessary connection as required (Page no-E-18,)	Each	1870	17	31790
9	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
	i) Havells 63A TP	No	1150	5	5750
	ii) Havells 40A SPN	No	662	13	8606
	i) Havells 6-32A Single pole	No	168	224	37632

10	Supply and fixing socket type two Modular fan regulator (Step type) on existing sheet metal switch board with bakelite top cover by screw incl making necessary connections etc (E-18 item no-10)	Each	387	14	5418
11	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	14	14658
12	Supply & connection of 25A 3 pin plug top (Page no-K-3,item no-113)	Each	120	14	1680
13	Supplying and fixing 415V,100A four pole MCCB of breaking capacity 25KA/35KA with fixed thermal and fixed magnetic/adjustable thermal and fixed magnetic setting in enclosure and necessary connection make-Havells, Frame-G frame (Page no-D9, Item no-10)	Each	4119	1	4119
14	Supplying and fixing MCCB SS enclosure with IP-20/30 protection, powder coated provision for housing four pole MCCB on flat iron frame incl painting, connection & provision for earthing attachment. Havells-G frame. (Page no-D9, Item no-12)	Each	1070	1	1070
15	Laying of cable upto 3/4 core 16 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	50	3000
16	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	8	1296
17	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	8	920
	4 core 16 sq mm				0
	Supply of 4 core 25 sq mm Armoured LT power cable Al conductor (As per havells price list 2017)	RM	178	72	12816
18	Supply of 4 core 16 sq mm Armoured LT power cable Al conductor (As per havells price list 2017)	RM	162	18	2916

19	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	4	1588
20	Supply and fixing of 400mm Wall Fan Make-Havells Model-Platina	No	2750	6	16500
21	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	50	12	600
22	Octane LED panel round, slim, compact, aluminium diecast, edge lit panel, recess mounted round fixture with opal diffuser and separate electronic driver. 18W LED 6500K. Ordering code LHEBADP&IZ1W018. Make havells	Each	1349	12	16188
23	Dismantling the Existing electrical system at room of Arnab Saha AND ROOM NO-17B	Lumsum	800	1	800
24	Supply and Fixing 3 Pole Power Contactors, Type- MNX 50, Cat No-CS97075, Make- L & T	No	6325	2	12650
25	Supply and Fixing Side Mounting Aux Contact Block 1 NO+ 1 NC for ON/ OFF Indication Lamp.	No	550	2	1100
26	Supplying and fixing Contactor SS enclosure with IP-20/30 protection, powder coated provision for housing Three pole Contactor on flat iron frame incl painting, connection & provision for earthing attachment.	No	1600	2	3200
27	Supply & Fixing On/Off LED Indicator Lamp. Make-L & T	No	201	4	804
28	Supply & Fixing ON/ Off Push Button, Make-L & T	No	380	4	1520
29	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	16	1056
30	Supply of 1400mm ceiling fan Model-XP-390 Make- Havells. (As per market price-2018) Including 3 Mtr Extension rod for 6 nos fan.	Each	2730	6	16380
31	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	6	1068

Total 350879.00

Add GST 18%	63,158.00
Gross Total	Rs 4,14,037.00