



UNIVERSITY OF CALCUTTA

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

NOTICE INVITING TENDER

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

1.	N.I.T. No	:	Eng/ET-154/20-21	Dated: 15.01.2021
2.	Name of Work	:	Emergent E.I. repairing work with Tube Sets, Ceiling Fans , electronics fan regulator and other required work in the faculty Rooms , Class Rooms , Seminar Room ,Office & Toilets in the Dept. of Ancient Indian History & Culture, 8 th . Floor , Block-A ,C.U , Alipore Campus during the year 2020-21	
3.	Estimated Cost put to Tender	:-	Rs.3,45,149/- (including Taxes)	
4.	Earnest Money	:-	A sum of Rs.17,500.00 (Rupees Seventeen Thousand Five Hundred Only) in the form of CTS demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the successful bidder. In case of successful tender the EMD will be returned on application after an equal amount of security deposit is deducted by the University from the running bills/final bill as per norms.	
5.	Time of completion	:-	45 days	
6.	Eligibility Criteria	:-	Valid trade License , GST & Pan and credential for satisfactory completion of similar nature of job. Amounting 75 % of the estimated value in a single tender in the last three financial year . Government, Government Undertaking and University of Calcutta credentials are accepted. (Only completion certificate of the work should be treated as Credential.	
7.	Issue of tender papers	:-	TO BE DOWNLOADED FROM WEBSITE (www.caluniv.ac.in).	
8.	Last Date and Time of tender submission	:-	15.01.2021 (up to 2.00 PM)	
9.	Date and Time of tender opening	:-	On or after 3:00 PM 27.01.2021	

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

UNIVERSITY ENGINEER (C.U)



UNIVERSITY OF CALCUTTA

NOTICE INVITING TENDER No: Eng/ET-154/20-21

Dated: 15.01.2021

Name of the work: - Emergent E.I. repairing work with Tube Sets, Ceiling Fans , electronics fan regulator and other required work in the faculty Rooms , Class Rooms , Seminar Room ,Office & Toilets in the Dept. of Ancient Indian History & Culture, 8th. Floor , Block-A ,C.U , Alipore Campus during the year 2020-21

Name of Agency:-

Address of Agency:-

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

Signature of the Agency with date & stamp:-



UNIVERSITY OF CALCUTTA

Tender No: - Eng/ET- 154/20-21

Dated: 15.01.2021

TENDER AND CONTRACT FOR WORK

GENERAL TERMS AND DIRECTION FOR THE GUIDANCE OF CONTRACT

1. Eligible Tenders will have to download the tender papers from the website & drop the filled tender papers signed with seal and date at every page along with copy of Valid Trade license's, GST & PAN and Credential for satisfactory completion of similar nature of job amounting to at least seventy five percent of the job value in a single tender from any Government, Govt. undertaking or University of Calcutta in the last three financial year(only completion certificate of the work should be treated as Credential) in sealed envelope in the Tender box kept in the Office of the undersigned. The tendered must write the name of the work, NIT no, the date of opening and name of the bidder on the envelop failing which the tender will not be opened thus will be treated as cancelled.
2. The rate should be quoted after inspection of the site and inclusive of all incidental charges i.e. freight, insurances, labour insurances, handling charges, necessary government taxes, duties etc. as well as the Water, Electricity charges which are to be paid as per rules.
3. The contractor shall be responsible to ensure compliance with the provision of minimum wages act 1948 as modified up to date and the rules made in respect of any employees, employed by the contractor directly or through the petty or subcontractor for the purpose of carrying this contract. The contractor shall be responsible for any damage, injury or loss caused by the work or workmen to any person, animal or material during the progress of work.
4. Liquidated damage will be charged to the contractor if they fail to complete the work within the stipulated time, 0.01% per day to a maximum limit of 05 % of the contract value.
5. The allotted time for completion of the work is 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 Guarantee shall be returned immediately on successful completion of contract.



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

7. A sum of 5% of the estimated amount put to tender (as mentioned earlier) in the form of demand draft in favour of UNIVERSITYOF CALCUTTA payable at Kolkata is to be attached with the tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenderers on application & after issue of work order to the successful bidder. For successful tenderer the EMD will be returned on application after an equal amount of security deposit is deducted from the running bills.

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

Name of Issuing Bank:--

B ranch :-

Amount: - Rs /-(Rupees)

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

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

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

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

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

13. The contractor will work under the strict supervision of the Engineer. The estimate given along with the tender are provisional, payment will be made on the actual work done jointly measured by the consultant & the contractor. The contractor will have to submit bill in printed format in duplicate.

14. The contractor will have to take necessary instruction from the Engineer, CU / his representative regarding the execution of work.

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

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



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

Sd/-

University Engineer

Name of the Agency:-

Address:-

Signature of the contactor with seal & date:

BOQ**N.I.Q No. Eng/ET-154/20-21****Date: 15.01.2021**

Emergent E.I. repairing work with Tube sets , Ceiling Fans , Electronics Fan regulator and other required work in the Faculty Rooms,Class Rooms , Seminar Room , Office & Toilets in the Dept. of Ancient Indian History & Culture 8th. Floor , Block - 'A' , Alipore Campus , Kolkata - 700027 During the year 2020-21

SL.no	Description of Items	Unit	Qty.	Rate	Amount
1	<p>Distribution wiring in 2 x 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make), with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC, to light/fan/call bell points with Piano Key type switch fixed on MS CRC sheet metal (16 SWG) switch board cum JB on wall complete with 2 no. suitable size "Ph & N" copper bar incl. bakelite/Perspex (wall matching color) top cover 3 mm thick and incl. 175mmx100mmx65mm inspection box, making earthing attachment, painting the MS box and mending good the damages to original finish</p> <p>(Average Run --- 6 Mtr.)</p> <p>(Average Run --- 8 Mtr.)</p> <p>(PWD Schedule'17--Page E-14 ,Itm No - 2/b & c)</p>	Point	89	691	61499
		Point	39	849	33111
2	<p>Wiring in 1.1 KV grade single core stranded 'FR' PVC insulated & unsheathed copper wire (Finolex / Havells) of following sizes in 25mm PVC conduit pipe (Precision /Presto make) incl. necy. PVC clips, fittings etc.</p> <p>2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm)</p> <p>(PWD Schedule'17--Page E-14 ,Itm No - 1/a-ii)</p>	RM	291	119	34629
3	<p>Supply & Fixing <u>Socket type</u> fan regulator (Step type) (Brand - Anchor) on existing sheet metal switch board with bakelite/ perspex top cover by screw incl. making necy. connections etc.</p> <p>(PWD Schedule'17--Page E-6 ,Itm No - 18/b)</p>	Eh.	51	218	11118

SL.no	Description of Items	Unit	Qty.	Rate	Amount
4	Supply & Fixing 240 V, 4 nos. 6A, plug socket with separate 4 nos. 6 A Piano key type switch, indicator & 16A switch type SP MCB (Brand approved by EIC) on sheet metal switch board embedded in wall incl. S & F 240x200x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required [Computer Boards] (PWD Schedule'17--Page E-7 ,Item No - 24)	Eh.	25	669	16725
5	(Power Plug Board for Projector , Sound System and others) Supply & Fixing 240 V, 20A, plug socket with separate 20 A Piano key type switch (Brand - Anchor) on sheet metal switch board embedded in wall incl. S & F 150x100x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required (PWD Schedule'17--Page E-6 ,itm No - 22)	Eh.	9	287	2583
6	Supply of suspended Surface mounted LED (TMC501). Type - TMC 501 P suitable for 2XT-LED 20Wt. LED (Make- Philips)	Nos.	12	600	7200
6/a	Supply of suspended Surface mounted LED (TMC501). Type - TMC 501 P suitable for 1XT-LED 20Wt. LED (Philips)	Nos.	10	550	5500
6/b	Supply & installation of Master LED Tube //Type - MAS LED tube 1200 mm 20W 865 T81 // Make - Philips	Nos.	34	350	11900
7	Supply of Box type fluorescent fittings with Electronic Ballast and necessary interconnection all complete (Make - Philips) Type - TMC 501 2XTL-D 36W EBE ; Suitable for 2 x TL-D 36Wt.	Eh	12	1300	15600
7/a	Supply & Fixing of 36Wt. Fluorescent tube (Philips)	Eh	24	45	1080

SL.no	Description of Items	Unit	Qty.	Rate	Amount
7/b	Fixing only single/twin fluorescent light fitting suspended 25 cm bellow the ceiling with 2 No. 20 mm dia EI conduit (14 SWG) supports fixed with "L" type MS clamp whose one side fixed on ceiling with suitable size 4 nos. fastener and other side connected with the conduit with suitable size of bolts and nuts incl. S&F EI conduit, "L" type (125mm x 125mm) 6mm thick and 25mm with MS clamps and connecting the length of PVC insulated wire and mending good damages to original finish and painting etc. by 2x24/0.20 mm (1.5sqmm.) flexible copper wire of 1.10 mt. length [PWD Schedule'2017 - Page -C-2 , Item No - 17]	Eh	67	199	13333
8	Supply of new Ceiling Fan (Make - Orient/Havells/ Crompton) (Sweep - 1200 mm // Colour - Brown/ Ivory)	Nos	6	2740	16440
8/a	Fixing only ceiling fan complete with blades, canopy, fork, rubber bush etc. incl. S&F connecting wire for down rod upto 30 cm incl. painting the rod with approved paint and making necessary connection as required by 2x1.5 sqmm flexible copper wire. (Page-C-3 / Item No - 21/a)	Eh	6	66	396
9	(For toilets and other areas) Supply & Fixing angular batten holder (Anchor) on 75mm dia PVC round block / round bakelite on wall/ceiling. (PWD SDR'2017/ Page No-D-13 ,Item No -22)	Eh	6	38	228
9/a	Supply & Installation of 12 Watt LED Lamp (Havells / Suriya)	Eh	6	160	960
9/b	Fixing 'U' hook for ceiling fan, after cutting roof and properly bonding with existing rod, duly finish the surface.	Nos	3	150	450
10	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.				
SL.no	Description of Items	Unit	Qty.	Rate	Amount
10	Havells -- 2+6 Way enclosure (DHDPSNODRW06) (PWD Sch'2017 -- Page No - D-10 , Item No - 13)	Eh	2	1073	2146
	i) 40 Amp. D.P Isolator as Incommer (Make-Legrand)	Eh	2	349	698
	ii) 10Amp. SP MCB as outgoing (Make - Legrand) (PWD Sch'2017 --PG. No - D-5-Itm No-6 and Page D-6 ,Itm No -7)	Eh	12	190	2280
10/b	Connection between Existing TPN & LDB With 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire (Make-Finolex /Havells) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required 2 x 84/0.3 (6 sqmm) + 1 x 56/0.3 (4 sqmm) ECC (PWD Schedule'17--Page E-14 ,Itm No - 1/a-iv)	RM	59	193	11387
11	(Wiring for Computer & Power Plug Boards) Wiring in 1.1 KV grade single core stranded 'FR' PVC insulated & unsheathed copper wire (Finolex /Havells)of following sizes in 25mm PVC casing-capping (Precision)incl.PVC clips,fittings etc. 2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) (PWD Schedule'17--Page E-11 ,Itm No -D/1,c)	RM	331	102	33762
12	(5 A Plug Boards for various purposes) Distribution Wiring in 1.1 KV grade 2x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Finolex / Havells) in suitable size PVC casing-capping (Precision make) with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC, incl. necy. PVC clips, fittings etc. to 5A 3 pin flush type plug socket with piano key type switch (Anchor make) fixed on sheet steel fabricated CRC MS switch board with bakelite/perspex (wall matching color) top cover of 3 mm thick flushed in wall by housing the board after cutting brick wall incl. necy. connection making earthing attachment, painting and mending good damages to building works [PVC				

	casing-capping and plug box both on surface]				
12	i) On Board ii) Average Run ----- 6 mtr. (PWD Sch'2017 --Page No - E-12 , Itm No-6 /a & e)	Point Point	27 15	67 596	1809 8940
13	<u>Wiring for existing A.C Machine [from T.P.N]</u> Wiring in 1.1 KV grade single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand - Finolex / Havells) of following sizes in 25mm PVC casing-capping (Precision make) incl. necy. PVC clips, fittings etc. 2 x 56/0.3 (4 sqmm) + 1 x 36/0.3 (2.5 sqmm) [PWD Schedule'2014 - Page -E-11, Item No -1/e]	RM	61	132	8052
14	(For Room No - 2) Supplying and fixing 240 V MCB of Breaking capacity 10kA & C characteristics on Switch Board and necessary connection [Switch type 'Havells' 20A , SP MCB- On Switch Board] [PWD Schedule'2017 - Page -D-6 , Item No - 7]	Nos.	2	168	336
15	Lowering and refixing only ceiling fan complete with blades, canopy, fork, rubber bush etc. incl. making necessary disconnection and connection as required. (PWD Sch'2017 -- Page No - C-3 , Item No - 22)	Eh	45	35	1575
16	All the unused wiring (Batten & conduit) , cables , conduit pipes , Angle iron frame etc. to be neatly dismentle (As per direction) and deposited the scrap materials in the specified place in addition to the above temporary connection to be arranged for uninterrupted office work. A team of ----- 1 Nos. Electrician (Gr.-I) and 1 No. Semi Skilled worker perform 2 (Two) days to complete stated work. Wage calculation as per Govt. of W.B , Labour commissioner circular ----- 1) Electrician @Rs.383 /- Per day	Day	2	383	766

2) Semi Skilled Worker @Rs.319/Eh / day	Day	2	319	638
Total Tentative Basic Cost ('A')				305141
GST - 'B' @12%				36616.92
Total Tentative Cost + GST (A+B)				<u>341757.92</u>
Add 1% Labour Welfare Cess 'C'				3417.57
Total Cost (A+B+C)				<u>3,45,175.49</u>

Total tentative cost including GST & L.W.C

Rs.3,45,175 /= only

Name of Agency :

Address of the Agency :

Rate Quoted by the Agency :

Sd/-
[University Engineer]