



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 (Corrigendum)

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

1.	N.I.T. No	:	Eng /ET- 469 /19-20.	Dated 24/ 02 / 2020
2.	Name of Work	:	THOROUGH E.I WORKS FOR RENOVATION OF MOOT COURT & LEGAL AID CLINIC INCLUDING FALSE CEILING LUMINAIRES,,AC MACHINE CONCEALED WIRING, SOUND SYSTEM AT MOOT COURT ROOM DEPT.OF LAW,51/1 HAZRA ROAD,KOLKATA 19,C.U	
3.	Estimated Cost put to Tender	:-	499302/-(Four lac ninety nine thousand three hundred & two only)	
4.	Earnest Money	:-	A sum of Rs25000/- (Rupees Twenty five thousand only) . in the form of CTS demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the successful bidder. In case of 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.	Time of completion	:-	20 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 any state run niversity and University of Calcutta credentials are accepted.(only completion certificate of the work should be treated as Credential.	
7.	Last date of receipt of application for tender	:-	NA	
8.	Last date of Sale/ issue of tender papers		TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)	
9.	Last Date and Time of tender Submission	:-	03 / 03 /20 (up to 2pm)	
10.	Date and Time of Tender Opening	:-	After 3:00 PM 03 /03 / 2020	

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.

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

Name of the work: THOROUGH E.I WORKS FOR RENOVATION OF MOOT COURT & LEGAL AID CLINIC INCLUDING FALSE CEILING LUMINAIRES,,AC MACHINE CONCEALED WIRING SOUND SYSTEM AT MOOT COURT ROOM DEPT.OF LAW,51/1 HAZRA ROAD,KOLKATA 19,C.U .

N. I.T. no- Eng /ET- 469 /19-20. **Dated** 24 / 02 / 2020

Estimated cost Put to Tender: 499302/-(Four lac ninety nine thousand three hundred & two only)

Name of Agency:-

Address of Agency:-

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

Signature of the Agency with date & stamp:-



UNIVERSITY OF CALCUTTA

N. I.T. no- Eng /ET- 469 /19-20. Dated 24 / 02 / 2020

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. 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 45 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. value **as mentioned in the NIT**. 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.

Amount:-Rs

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

Name of Issuing Bank:--

B ranch :-

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/ 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 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.

Sd/-

University Engineer

Name of the Agency:

Address :-

SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE

BOQ FOR THOROUGH E.I WORKS FOR RENOVATION OF MOOT COURT ROOM & LEGAL AID CLINIC, INCLUDING FALSE CEILING LUMINAIRES,AC MACHINE,CONCEALED WIRING ,SOUND SYSTEM AT MOOT COURT ROOM,DEPARTMENT OF LAW,51/1HAZRA ROAD,KOLKATA 19,C.U

Sl.No.	Description of work	Unit	Rate	Quantity	Amount
1	Distribution wiring in 1.1 KV grade 2x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in suitable size PVC casing-capping (Precision make) [for horizontal run & ceiling portion] and partly in 19mm bore, 3mm thick polythene concealed pipe [for vertical run embedded in wall only], with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC, incl. necy. fittings etc. 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 flushed in wall incl. mending good damages to original finish [PVC casing-capping on Wall and vertical & switch box both concealed] Average run 8 mtr	Each	780	6	4680
2	Distribution wiring in 1.1 KV grade 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 1.1 KV grade 1 x 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire as ECC, to 6A 3 pin Modular type plug socket & switch (Brand approved by EIC) on 4 Module GI switch board with 3/4 Module top cover plate on wall incl. necy. connection making earthing attachment, painting and mending good damages to building works. Average run 7.5 mtr	Each	805	17	13685
a		EE	719	19	13661
b	Average run 6 mtr				
3	Supply & Fixing 240 V 6 A Modular type switch (Brand approved by EIC) on existing GI Modular type switch board having top cover plate and making necessary connections as required .	Each	82	4	328
4	Supply & Fixing 240 V, 6A, 5 pin Modular type plug socket (Brand approved by EIC), without switch & plug top, on existing GI Modular type switch board with top cover plate and making necy. connections with PVC Cu wire and earth continuity wire etc.	Each	120	4	480
5	Supply & Fixing 240 V, 16 A, 3 pin Modular type plug socket (Brand approved by EIC) with 16A Modular type switch, without plug top on 4 Module GI Modular type switch board with top cover plate flushed in wall incl. S&F switch board and cover plate and making necy.				

	connections with PVC Cu wire and earth continuity wire etc	Each	456	5	2280
6	Supply & Fixing 240V, Modular Socket (2 Module) type fan regulator (Step type) (Brand approved by EIC) on existing Modular GI switch board with top cover plate incl. making necy. connections etc.	Each	387	5	1935
7a	Supply & Fixing 240 V, 3 nos. 6 A, 3 pin Modular type plug socket with 3 nos. 6A Modular type switch (Brand approved by EIC), 16A Modular switch type SP MCB (C-Curve) and Indicator without plug top on 2 row 18 Module GI Modular type switch board with 2 row 18 Module top cover plate flushed inwall incl. S&F switch board and cover plate and making necy.connections with PVC Cu wire and earth continuity wire etc	Each	1458	2	2916
7b	S&F Blank plate on switch board as directed by EIC	Each	35	16	560
8	Supply & Fixing 240 V, 25A Modular type socket, 25 A, 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. S&F switch board and cover plate and making necy. connections with PVC Cu wire and earth continuity wire etc.	Each	1047	3	3141
9	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand,Havells,polycab,KEI) approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required				
i	2 x 22/0.3 (1.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC	RM	102	27	2754
ii	2 x 56/0.3 (4 sqmm) + 1 x 36/0.3 (2.5 sqmm) ECC (PDB to CP)	RM	149	77	11473
iii	2 x 84/0.3 (6 sqmm) + 1 x 56/0.3 (4 sqmm) ECC (AC CKT)	RM	193	57	11001
iv	2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC (PDB to PP)	RM	119	137	16303
10	Supply & Fixing of perforated GI cable tray with perforation more than 17.5% suspended from ceiling with two nos. suspend & 25x25x3mm angle iron for supporting the cross member incl. GI connector, 6mm dia MS suspender, bolts & nuts, steel fastener etc. as required of the following size. Incl. Al painting of MS support 300x50x1.25mm (18SWG)	each	367	16	5872
11	Supplying and fixing double-door SPN MCB Distribution Board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment. Legrand(Encl.607712) 2+12way (PWD2014/D9/13)	Each	1757	1	1757
12	Supplying and fixing double door Horizontal TPN MCB Distribution board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment Legrand(encl.607717) 8way	Each	4194	1	4194

13	Supplying and fixing 240/415 V MCB Isolator on din rail of existing DBs and necessary connection.				
i	63A DP Legrand (PWD2014/D5/6)	Each	460	1	460
ii	100A FP Legrand (DO)	Each	927	1	927
14	Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection SP 6-32Amps Legrand	Each	190	24	4560
15	Supplying of PVC Arm.cable with Al. conductors of 1.1 KV grade conforms to I.S:1554 (part-1) for following cross -section(Havells,KEI,Polycab)				
	B)1x 35sq.mm 3.5 core (do)	RM	239	31	7409
	C)1x16 sq.mm 2 core (do)	RM	126	31	3906
16	Laying of cable as below, on existing Cable Tray and binding with suitable size GI wire.				
	B)1x 35sq.mm 3.5 core (do)	RM	11	31	341
	C)1x16 sq.mm 2 core (do)	RM	11	31	341
17	S&F compression type gland complete with brass gland rubber rings for dust & moisture proof entry				
	B)1x 35sq.mm 3.5 core (do)	Each	162	2	324
	C)1x16 sq.mm 2 core (do)	Each	115	2	230
18	Finishing the end of following cables by crimping method incl S&F dowels etc.				
	B)1x 35sq.mm 3.5 core (do)	Set	158	2	316
	C)1x16 sq.mm 2 core (do)	Set	58	2	116
19	LUMINAIRES & Fan				
a	LED Flat panel light(2'x2') Recess MPLS 02 45W (Havells,wipro,Philips)	Each	3800	12	45600
b	LED panel light(Recess square) MPLS 02 12W (Havells,wipro,Philips)	Each	700	30	21000
c	Supply & Fixing high speed (rpm 2000) with regulator wall fan (Orient,crompton greaves,Usha make.	Each	2117	8	16936
d	Fixing only cabin fan on wall/ceiling by S&F rag bolts, nuts & washers (6 mm dia x 62 mm long) or as reqd. incl. S&F 24/0.20 PVC insulated flexible copper wire 0.5 mt. length .	Each	92	10	920
e	Fixing only bulk head ceiling fitting on wall/ceiling by screws etc.	Each	56	38	2128
f	TMC 501 P 2x LEDMounting rails for TLED Lamp	Each	600	4	2400
g	20Watt LED tube light. (Legal aid clinic & adj.corridor)	Each	400	12	4800
h	Fixing only single/twin fluorescent light fitting suspended 25 cm bellow the ceiling with 2 No. 20 mm dia EI conduit (14 SWG) supports fixed with "L" type MS clamp whose one side fixed on ceiling with suitable size 4 nos. fastener and other side connected with the conduit with suitable size of bolts and nuts incl. S&F EI conduit, "L" type (125mmx125mm) 6mm thick and 25mm with MS clamps and connecting the length of PVC insulated wire and mending good damages to original finish and painting etc. by 2x24/0.20 mm (1.5sqmm.) flexible copper wire of 1.10 mt. length.	Each	199	6	1194
i	Supplying of 48" ceiling fan high speed.CG/Orient/Havells	Each	1985	2	3970
j	Fixing only ceiling fan complete with blades canopy forkrubber	Each	66	2	132
k	Supply & Fixing Socket type fan regulator (Step type)				

	(Brand approved by EIC) on existing sheet metal switch board with bakelite/perspex top cover by screw after making housing for regulator knob by cutting bakelite/perspex top cover incl. making necy. connections	Each	236	2	472
20	Labour charges for cutting 2'x2' "E" board false ceiling by skilled labour & mending good the damages as per direction of EIC	nos	150	28	4200
21	Supplying and fixing 415 V Four Pole MCCB of Breaking capacity 25kA/35kA with fixed thermal and fixed magnetic / adjustable thermal and fixed magnetic setting in existing DBs / enclosure and necessary connection Legrand 160A FP	Each	9759	1	9759
22	SOUND SYSTEM				
1	S&F of Ahuja power amplifier BR250M	Each	13310	1	13310
2	Ahuja ceiling mounted speaker 4"	Each	1025	10	10250
3	Ahuja wireless microphone(AWM890)	Each	10620	1	10620
4	Ahuja microphone with stand(ACM66CH)	Each	2090	1	2090
5	Ahuja cordless dual handled+ laple microphone(AWM490VHL)	Each	3949	1	3949
6	Ahuja VGA cable full HD copper	Rm	70	75	5250
7	Ahuja Audio mixing console stereo AC & DC operation,9chanel	Each	11193	1	11193
8	Distribution wiring in 1.1 KV single core stranded FR PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR (Precision make) incl. necy. fittings as required 2x22/0.3 (1.5 sqmm) + 1x22/0.3 (1.5 sqmm) as ECC	RM	102	70	7140
23	AC MACHINE				
	Supply,delivery & Testing of high wall split air conditioner,having following specification: (Hitachi/Daikin/Voltas) cooling capacity not less than 6400watt minimum ISEER-3.5 BEE level:3star or above IS compliance-IS-1391 Refrigerant -R410/R32 Compressor;Rotary/Scroll Evaporator & Condenser coil; copper operating outdoor Temp:50degree or above Power supply:230V,50Hz				
	The scope of work is also includes supply of following				
	i)Necessary refrigerant copper line with nitrile rubber insulation 3mtr				
	ii)Necessary copper cable (FRLS Type;Finolex,Havells,Polycab)	Each	45590	2	91180
24	Installation & commissioning of indoor& outdoor unit of said HI wall split AC m/c after making hole in wall incl.S&F necy fixing arrangements for indoor & outdoor unit,duly painted,laying &making connection of drn pipe,refrigerant pipe,power cable as per EIC.	set	2500	3	7500
25	S&F additional items for length exceeding 3 mtrs for complete installati on,testing & commissioning of above AC machine;				
	i) 3 core 2.5sq.mm PVC insulated FRLS grade copper cable(Finolex)				
	ii)S&F of 5/8" &1/4" extra refrigerant copper pipe with 9mm thick nitrile rubber insulation.(Each mtr of refrigerant pipe will include cost of 1mtr liquid pipe & 1mtr gas pipe of reqd dia) incl fixing arrangements,with				

	wrapping insulation tape complete in all respect as per EIC	RM	750	50	37500
26	S&F PVC drain pipe for drainage connection as per EIC	RM	80	40	3200
27	S&F angle structure/pre fabricated angle with mending works for installation of split air conditioner as per EIC	set	1800	3	5400
	Hire & labour charges for shuttering with centering & nocy. Staging upto 4mtr using approved stout props & thick hard wood planks of approx thickness with reqd. bracing for concrete slab, beams & columns, lintels curved or straight.....works (upto roof of G/F)				
	When the height of a particular floor is more than 4mtr the equivalent floor height shall be taken as 4mtr 7 extra for works beyond the initial 4mtr shall be allowed under 12(e) for every 4mtr or part thereof. extra for staging beyond 4mtr in any floor. (H=12mtr, B=2mtr, L=1.5mtr)				
	Vol=36cum	cum	68	36	2448
28	Dismantling the existing electrical installation (Ceiling fan 4 nos, tubelight 8 nos, DB, mains switch etc)	item	900	1	900
	(A) TOTAL BASIC COST :				441391
	(B) G.S.T @12% ON TOTAL TENTATIVE BASIC COST (A) (Subject to verification of accounts dept) :				52967
	TOTAL BASIC COST +GST (A+B)				494358
	(C) ADD 1% L.W CESS ON C :				4944
	TOTAL COST : (A+B+C) = Rs(441391+52967+4944) = RS				499302
	(Rs. FOUR LAC NINETY NINE THOUSAND THREE HUNDRED & TWO ONLY)				

Name of contractor:

Address :

Amount /Rate quoted by the contractor:

Signature of contractor :

Name of contractor:

**Address of the
contractor:**

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

**Signature of the
contractor with seal**