



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

NOTICE INVITING TENDER

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

1.	N.I.T. No	:	Eng /ET-344 /19-20. Dated 20/11/2019
2.	Name of Work	:	THOROUGH E.I WORKS FOR THE CLASS ROOM NO 209,DEPARTMENT OF ZOOLOGY,INCL SOUND SYSTEM, FIRE FIGHTING SYSTEM& AIRCONDITIONER MACHINES,,BALLY.SC.COLLEGE.WESTERN WING,CU
3.	Estimated Cost put to Tender	:-	428268/-(Four lacs twenty eight thousand two hundred sixty eight only)
4.	Earnest Money	:-	A sum of Rs21500/- (Rupees Twenty one 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 ducted by the University from the running bills.
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.	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	:-	27/ 11 /19 (up to 2 PM)
10.	Date and Time of Tender Opening	:-	After 3:00 PM 27 / 11 / 2019

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 THE CLASS ROOM NO 209 DEPARTMENT OF ZOOLOGY INCL SOUND SYSTEM FIRE FIGHTING SYSTEM& AIRCONDITIONER MACHINES,,BALLY.SC.COLLEGE.WESTERN WING,CU.

N. I.T. no- Eng /ET- 344 /19-20. **Dated** 20/11/ 2019

Estimated cost Put to Tender: 428268/- (Four lacs twenty eight thousand two hundred sixty eight 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- 344 /19-20. Dated 20/11/ 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 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

AN ESTIMATE FOR THOROUGH E.I WORKS FOR THE CLASS ROOM NO209 ,DEPARTMENT OF ZOOLOGY INCL.SOUND SYSTEM , FIRE FIGHTING SYSTEM & AIRCONDITIONER MACHINES,BALLYGUNGE SC.COLLEGE WESTERN WING,CU

SI.No.	Description of work	Unit	Rate	Quantity	Amount	PWD
1	Supply & Fixing of perforated GI cable tray with perforation not more than 17.5% suspended from ceiling incl. S&F GI connector, 6mm dia MS suspender, bolts & nuts, steel fastener etc. required of the following size. Incl. Al painting of MS support With 25x25x3mm angle iron support 300x50x1.25mm (18SWG)	Each	367	17	6239	D14/34
2	Supply & Fixing of perforated GI cable tray bend with perforation not more than 17.5% suspended from ceiling with two nos. suspenders & 25x25x3mm angle iron for supporting the cross member incl. S&F 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	607	4	2428	D15/34
3	Supplying and fixing double door Vertical TPN MCB Distribution board for MCCB incomer with IP-42/43 protection, on angle iron frame on wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment. UP TO 160A Enclosure (607914) 8way,legrand	Each	10683	1	10683	D12/15
4	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	Each	9759	1	9759	D8/10
5	Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection. TP 63A	Each	1432	8	11456	D6/7
6	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	Each	1757	1	1757	D9/13
7	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	D10/14
8	Supplying and fixing 240/415 V MCB Isolator on din rail of existing DBs and necessary connection. 63A DP Legrand	Each	460	1	460	D5/6

a

b	100A FP Legrand		Each	927	1	927	do
9	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	36	6840	D6/7
10	Supplying of PVC Arm.cable with Al. conductors of 1.1 KV grade conforms to I.S:1554 (part-1) for following cross -section						
	A)1x70 sq.mm 3.5 core	(do)	RM	422	17	7174	p list 18
	B)1x 35sq.mm 3.5 core	(do)	RM	239	33	7887	do
	C)1x16 sq.mm 2 core	(do)	RM	126	35	4410	do
11	Laying of cable upto 2/3/4 core, following cable on wall/surface incl. s&F MS clamps with earthing attaching in 2x10 swg GI wire making holes .						
	A)1x70 sq.mm 3.5 core	(do)	RM	15	17	255	F3/6
	B)1x 35sq.mm 3.5 core	(do)	RM	11	33	363	do
	C)1x16 sq.mm 2 core	(do)	RM	11	35	385	do
12	S&F compression type gland complete with brass gland rubber rings for dust & moisture proof entry						
	A)1x70 sq.mm 3.5 core	(do)	Each	212	2	424	F4/7
	B)1x 35sq.mm 3.5 core	(do)	Each	162	2	324	do
	C)1x16 sq.mm 2 core	(do)	Each	115	2	230	do
13	Finishing the end of following cables by crimping method incl S&F dowels etc.						
	A)1x70 sq.mm 3.5 core	(do)	Set	263	2	526	f5/8b
	B)1x 35sq.mm 3.5 core	(do)	Set	158	2	316	do
	C)1x16 sq.mm 2 core	(do)	Set	58	2	116	do
14	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) 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 light/fan/call bell point with piano key type switch (Anchor make) fixed on sheet steel fabricated switch board with Perspex/bakelite top cover on wall incl. necy. connections and making earthing attachment and mending good damages to building works. [PVC casing-capping and Switch board both on surface]		Each	659	5	3295	
15	Supply & Fixing 240 V, 20A, plug socket with separate 20 A Piano key type switch (Brand approved by EIC) 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		Each	324	2	648	
16	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	
17	Supply & Fixing 240 V,25 A, 3 pin Modular type plug top with indicator (Brand approved by EIC) & necy. Connections	Each	151	3	453	
18	Supplying and Drawing 1.1 KV single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand approved by EIC) of the following sizes in the prelaid polythene pipe and by the prelaid GI fish wire and making necy. connection as required					
a	2x36/0.3 (2.5 sqmm) + 1x22/0.3 (1.5 sqmm) as ECC	RM	76	13	988	
b	2x56/0.3 (4 sqmm) + 1x36/0.3 (2.5 sqmm) as ECC	RM	111	67	7437	
c	2x84/0.3 (6 sqmm) + 1x56/0.3 (4 sqmm) as ECC	RM	163	57	9291	
19	Supply & Fixing high speed (rpm 2000) with regulator wall fan Orient,crompton greaves make. 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	2117	6	12702	p/list14
		Each	92	6	552	C4/29
20	Sound system & Fire fighting system					
a	S&F of Ahuja power amplifier BR250M	Each	13310	1	13310	mrkt pr
b	Ahuja ceiling mounted speaker 4"	Each	1025	10	10250	do
c	Ahuja wireless microphone(AWM890)	Each	10620	2	21240	do
d	Ahuja microphone with stand(ACM66CH)	Each	2090	1	2090	do
e	Ahuja cordless dual handled+ laple microphone(AWM490VHL)	Each	3949	1	3949	do
f	Ahuja VGA cable full HD copper	Rm	70	75	5250	do
g	Ahuja Audio mixing console stereo AC & DC operation,9channel	Each	11193	1	11193	do
21	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	
22	FIRE FIGHTING (SMOKE DETECTOR & FIRE EXTINGUISHER)					
a	Digital conventional type 4 zone main control panel with 2x16 character LCD display,power supply,battary charger,inbuilt Optical smoke detector with base conventional type,LPCB approved	Each	8700	1	8700	mrkt pr
c		Each	2000	12	24000	do
d	Manual call point,front protection glass,cover,blinking type,ABS housing with back box(24V)	Each	440	2	880	do
e	Electronic Hooter in ABS housing	Each	690	2	1380	do
f	Battery 12 volt (Any ISI make)	Each	2190	1	2190	do
23	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	77	7854	
24	ABC type Fire Extinguisher 5kg	Each	2500	2	5000	mrkt pr

25 AIR CONDITIONER MACHINE

a	Supplying of 1.5 Tx3 star rated HI Wall split A.C machine,copper Fixed speed split air conditioner.(Make:Bluestar/Daikin/Hitachi)	Each	40690	3	122070	plist18
b	Installation,Testing,commissioning of said machines with all necy. items like plywood,screw,nut bolts ,16A plug top of crabtree make etc.	Each	2000	3	6000	do
c	Addl.copper pipe for refrigerant if require	RFT	225	40	9000	do
d	Hard PVC drain pipe upto ground level with suitable U trap	RFT	40	36	1440	do

(A) TOTAL BASIC COST :

378596

**(B)G.S.T @12% ON TOTAL TENTATIVE BASIC COST(A)(Subject to
verification of accounts dept) :**

45432

TOTAL BASIC COST +GST(A+B)

424028

(C) ADD 1% L.W CESS ON C :

4240

TOTAL COST :(A+B+C)=Rs(378596+45432+4240)= RS

428268

(Rs.FOUR LAC TWENTY EIGHT THOUSAND TWO HUNDRED & SIXTY EIGHT ONLY)

If Plug top is not supplied an Amount of **Rs 250 per machine
will be deducted from total bill**

Amount to be deducted from work order value of Rs 3000/
each for buy back facility of old machine irrespective of
tonnage or model or type.

Name of contractor:

Address of the contractor:

Amount/Rate quoted by the contractor:

Signature of the contractor with seal



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NOTICE INVITING TENDER

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

1.	N.I.T. No	:	Eng /ET- 345 /19-20. Dated 20 / 11 / 2019
2.	Name of Work	:	2 nd call for E.I works for the remaining part of central wing of the dept. of marine science, Ballygunge science college, C.U (2nos room, corridors, toilets, rewiring & distribution)
3.	Estimated Cost put to Tender	:-	Rs. 289900/=
4.	Earnest Money	:-	A sum of Rs. 14500/- (Rupees Fourteen 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 ducted by the University from the running bills.
5.	Time of completion	:-	30 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.	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	:-	27/11/2019 (up to 2.00 PM)
10.	Date and Time of Tender Opening	:-	On or after 3:00 PM 27 / 11 /2019

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:-2nd call for E.I works for the remaining part of central wing of the dept. of marine science,Ballygunge science college,C.U(2nos room,corridors,toilets,rewiring& distribution.

N. I.T. no- Eng /ET- 345 /19 -20. Dated 20 / 11 / 2019

Estimated cost Put to Tender:-Rs289900/=

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- 345/19-20. Dated 20 / 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 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 REMAINING PART OF CENTRAL WING OF THE DEPT OF MARINE SC.7th FLOOR,CENTRAL WING
,BALLYGUNGE Sc.COLLEGE,CU(2 rooms,corridors,toilets rewiring & distribution)**

SI.No.	Description of work	Unit	Rate	Quantity	Amount	PWD17
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) 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 light/fan/call bell point with piano key type switch (Anchor make) fixed on sheet steel fabricated switch board with Perspex/bakelite top cover on wall incl. necy. connections and making earthing attachment and mending good damages to building works. [PVC casing-capping and Switch board both on surface]	Each	659	27	17793	E21/1
2	Supply & Fixing 240 V, 3 nos. 6A, & 1 no. 20A plug socket with separate 3 nos. 6 A & 1 no. 20A Piano key type switch with indicator & 16A kit-kat flush type fuse (Brand appr'd by) EIC) on sheet metal switch board embedded in wall incl. S & F 240x200x65mm MS (16SWG) switch board and bakelite top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover & making necy conn.	Each	663	10	6630	E7/25
3	Supply & Fixing 240 V, 20A, plug socket with separate 20 A Piano key type switch (Brand approved by EIC) 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	Each	287	8	2296	E6/22
4	Supply & Fixing of perforated GI cable tray bend 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. AI painting of MS support 300x50x1.25mm (18SWG)	each	367	38	13946	D14/34
5	Supplying and fixing double door Vertical TPN MCB Distribution board for MCCB incomer with IP-42/43 protection, on angle iron frame on wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment Enclosure(607914)Legrand upto 160A 8Way	Each	10683	1	10683	D11/15
6	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	D8/10
7	Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection					
	Legrand 63A TP	Each	1432	8	11456	D6/7
8	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	Each	1757	1	1757	D9/13
9	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	D10/14
10	Supplying and fixing 240/415 V MCB Isolator on din rail of existing DBs and necessary connection.					
a	63A DP Legrand	Each	460	1	460	D5/6
b	100A FP Legrand	Each	927	1	927	Do
11	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	36	6840	D6/7
13	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	2	2094	E19/18
14	Supply & Fixing 240V, step Socket type fan regulator(Brand apprpd by EIC) on existing switch board .	Each	218	10	2180	E6/18b
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					
	A)1x70 sq.mm 3.5 core (do)	RM	422	50	21100	p/list18
	B)1x 35sq.mm 3.5 core (do)	RM	239	60	14340	do
	C)1x16 sq.mm 2 core (do)	RM	126	60	7560	do
16	Laying of cable upto 2/3/4 core, following cable on existing cable tray & binding with suitable size GI wire					
	A)1x70 sq.mm 3.5 core (do)	RM	15	50	750	F3/6
	B)1x 35sq.mm 3.5 core (do)	RM	11	60	660	do
	C)1x16 sq.mm 2 core (do)	RM	11	60	660	do
17	S&F compression type gland complete with brass gland rubr rings for dust & moisture proof entry					

	A)1x70 sq.mm 3.5 core	(do)	Each	212	2	424	F4/7
	B)1x 35sq.mm 3.5 core	(do)	Each	162	4	648	do
	C)1x16 sq.mm 2 core	(do)	Each	115	4	460	do
18	Finishing the end of following cables by crimping method incl S&F dowels etc.						
	A)1x70 sq.mm 3.5 core	(do)	Set	282	2	564	F5/8b
	B)1x 35sq.mm 3.5 core	(do)	Set	169	4	676	do
	C)1x16 sq.mm 2 core	(do)	Set	61	4	244	do
19	LUMINAIRES						
A	TMC 501P 2xT -LED Incl.mounting rail for TLED Lamps (Philips)		Each	600	21	12600	LED P/lst
B	TLED Essential tube 1200mm..1600 Lumen 20w(Philips)		Each	400	42	16800	2017
20a	Lowering & refixing of existing ceiling fan complete with blades canopy,fork,rubber bush etc.incl making necy connection & disconn. as reqd.						
			Each	35	6	210	C3/22
20b	Supplying of Ceiling Fan 1400mm. MAKE Crompton GRVS,Orient ETC						
			Each	2135		0	p/lst16
21	Fixing only single/twin fluorescent light fitting suspended25cm bellow the ceiling with 2 No. 20 mm dia EI conduit (14 SWG) supports fixed with "U" 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 (14SWG) box type clamp. mending good damages to original finish and painting etc. by 2x24/0.20 mm (1.5sqmm.) flexible copper wire of 1.1kv grade						
			Each	199	14	2786	C2/17
22	Supplying and fixing 415V, TPN SFU with sheet steel enclosure on flat iron/angle iron frame on wall with nuts bolts etc incl. S & F 3 nos. DIN type HRC fuse as per rating. 160A						
			Each	7908	1	7908	D3/4a
23	Supplying and fixing sheet steel (16SWG) cable end box on TPN SFU enclosure with nuts bolts etc incl. powder coated painting. 160A						
			Each	567	2	1134	D5/5
24	S&F POWER ON- OFF panel comprising ML2/AC3 contactor,push button switch with aux.contact,fuse protection,pilot lamp,with necy.internal wiring.						
			Each	9785	1	9785	
25	Distribution wiring in 1.1 KV single core stranded FR pvc insultd unsheathed copper wire (Brand approved by EIC)in 20mm size PVC rigid conduit 'FR(Precision make) incl. necy fittings as required						
	2x22/0.3(1.5sq.mm)+1x22/0.3(1.5sq.mm)ECC(LDB to SWITCH BOARD)		RM	102	67	6834	E14/E1
a	2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC (PDB to 6A Plug pt)		RM	119	177	21063	E14/E1]
b	2 x 56/0.3 (4 sqmm) + 1 x 36/0.3 (2.5 sqmm) ECC (PDB to 16A plug)		RM	149	117	17433	E14/E1
c	2 x 84/0.3 (6 sqmm) + 1 x 56/0.3 (4 sqmm) ECC (PDB to Metal plug)		RM	193	67	12931	E14/E1
26	<u>INTER CONNECTION BETWEEN MAIN BUSBAR TO FSU INCOMING</u>						
	Inter-connection between Bus-bar to TPNFSU by Havell's single core copper conductor (flexible) of following cross-section incl. S&F proper copper socketing and crimping & flexible pipe.						

	c)95 sq.mm	RM	950	6	5700	P/1st18
27	Supplying & fixing earth busbar of galvanized (Hot Dip) MS flat 25 mm x 6 mm on wall having clearance of 6 mm from wall including providing drilled holes on the busbar complete with GI bolts, nuts, washers, spacing insulators etc. as required	RM	156	2	312	G2/4a
28	Earth Continuity Conductor : Connecting the equipments to earth busbar including S & F GI (Hot Dip) wire of size as below on wall/floor with staples buried inside wall/floor as required and making connection to equipments with bolts, nuts, washers, cable lugs etc. as required and mending good damages No. 10 SWG (2x50+2x60+1x60)=280	RM	6	280	1680	G2/5
	(A) TOTAL BASIC COST :				256277	
	(B)G.S.T @12% ON TOTAL TENTATIVE BASIC COST(A)				30753	
	TOTAL BASIC COST +GST(A+B)				287030	
	(C) ADD 1% L.W CESS ON C :				2870	
	TOTAL COST :(A+B+C)=Rs(256277+30753+2870)= RS				289900	
	(Two lacs eight nine thousand nine hundred only)					

Name of contractor:

Address of the contractor:

Amount/Rate quoted by the contractor:

Signature of the contractor with seal



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

NOTICE INVITING TENDER

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

1.	N.I.T. No	:	Eng /ET- 346 /19-20. Dated 20 / 11 / 2019
2.	Name of Work	:	BOQ for Thorough E.I works for the toilet blocks& corridors of Law college building upto 6 th floor & moot court in 3 rd floor incl. rewiring with new copper wire S&F new luminaires,exhaust fan etc,University of Calcutta..
3.	Estimated Cost put to Tender	:-	309331/-
4.	Earnest Money	:-	A sum of Rs15500/- (Rupees Fifteen 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 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	:-	75 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.	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	:-	27 / 11 /19 (Up to 2 PM)
10.	Date and Time of Tender Opening	:-	After 3:00 PM 27 /11 /2019

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: BOQ for Thorough E.I works for the toilet blocks& corridors of Law college building upto 6th floor & moot court in 3rd floor incl. rewiring with new new copper wire S&F new luminaires,exhaust fan etc,University of Calcutta..

N. I.T. no- Eng /ET- 346 /19-20. **Dated** 20 / 11 / 2019

Estimated cost Put to Tender: 309331/=

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- 346 /19-20. **Dated** 20 / 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 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 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**. 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:--

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 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

AN ESTIMATE FOR THOROUGH E.I WORKS FOR THE TOILET BLOCKS & CORRIDORS OF LAW COLLEGE BUILDING
 UPTO 6TH FLOOR MOOT COURT IN 3RD FLOOR INCL.REWIRING WITH NEW COPPER WIRE,S&F LUMINAIRES &
 EXHAUST FAN ETC.UNIVERSITY OF CALCUTTA

Sl.No.	Description of work	Unit	Rate	Quantity	Amount	PWD 17 Sch.
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) 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 light/fan/call bell point with piano key type switch (Anchor make) fixed on sheet steel fabricated switch board with Perspex/bakelite top cover on wall incl. necy. connections and making earthing attachment and mending good damages to building works. [PVC casing-capping and Switch board both on surface] (Average run 6 mtr) ,	Each	650	82	53300	E11/2b
2	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.					
a)	2x22/0.3(1.5sq.mm)+1x22/0.3(1.5sq.mm)ECC	RM	102	130	13260	E14/E1/i]
b)	2 x 56/0.3 (4 sqmm) + 1 x 36/0.3 (2.5 sqmm) ECC	RM	149	63	9387	E14/E1/iii
c)	2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC	RM	119	77	9163	E14/E1/ii]
3	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	50	9950	C2/17
4	LUMINAIRES					
a)	TMC 501P 2xT -LED Incl.mounting rail for TLED Lamps (Philips)	Each	600	50	30000	LED P/Ist
b)	TLED Essential tube 1200mm..1600 Lumen 20w(Philips) (2x4=8)	Each	400	100	40000	2017
5	Fixing only exhaust fan after making hole in wall and making good damages and smooth cement finish etc. as practicable as possible and providing necy. length of PVC insulated wire and making connection for exhaust of following diameter: (a)30 cm (12") supplying of 1ph 12" 48watt,920rpm heavy duty exhaust fan EPC make	Each	329	12	3948	C4/28a p/list
6		Each	2860	12	34320	14
7	Extra for suspension exceeding 25 cm with S&F additional 2 no. 20 mm dia EI conduit (14 SWG) supports & necy. PVC insulated wire and painting etc. as required by 2x24/0.20 mm (1.5sqmm.) flexible copper wire of 1.10 mt. length	Each	155	50	7750	C2/16
8	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

(2+12) Way Legrand(Encl607712)

Each 1757 7 12299 D9

- 9 Supplying and fixing 240/415 V MCB Isolator on din rail of existing DBs and necessary connection DP 63A

Each 460 7 3220 D5/6

- 10 Supplying and fixing 240/415 V MCB of Breaking capacity 10KA & C characteristics on din rail of existing DBs & necy conn. 6-32A...SP

Each 190 72 13680 D6/7

- 11 Repairing of existing defunct tube light by S&F ballast,starter,corner lock & ordinary Tubelight where necessary.

Each 245 60 14700

- 12 Supplying of PVC **Arm.cable with Al. conductors of 1.1 KV grade** conforms to I.S:1554 (part-1) for following cross -section 1x16sq.mm 2core [DO]

RM 126 87 10962 plist18

- 13 Laying of cable as below, on existing Cable Tray/wall and binding With suitable size GI wire. 1x16sq.mm2C

RM 57 87 4959 F3/6j

- 14 S&F compression type gland complete with brass gland rubr rings for dust & moisture proof entry 1x16sq.mm 2C

Each 115 6 690 F4/7a

- 15 Finishing the end of following cables by crimping method incl S&F dowels etc. 1 X16sq.mm2C

Each 58 6 348 F5/8b

- 16 Supply & Fixing 240 V, 20A, plug socket with separate 20 A Piano key type switch (Brand approved by EIC) 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

Each 287 2 574 E6/22

- 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.

- 17 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 etc

Each 236 4 944 E6/18A

(A) TOTAL BASIC COST :

273454

(B)G.S.T @12% ON TOTAL TENTATIVE BASIC COST(A)

Subject to verification of accounts dept.)

32814

TOTAL BASIC COST +GST(A+B)

306268

(C) ADD 1% L.W CESS ON (A+B) :

3063

TOTAL COST :(A+B+C)=Rs(273454+32814+3063)= RS

309331

(Three lacs nine thousand three hundred thirtyone only)

Name of contractor:

Address of the contractor:

Amount/Rate quoted by the contractor:

Signature of the contractor with seal



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- 347/19-20	Dated:20 / 11 /2019
2.	Name of Work	:	SITC of new AC machines at proposed new instrument rooms for FIST, department of Zoology western wing,1 st floor of Ballygunge science college campus,C.U.	
3.	Estimated Cost put to Tender	:-	Rs222405-(Two Lacs Twenty two thousand four hundred & five only)incl.taxes	
4.	Earnest Money	:-	A sum of Rs11500/- (Rupees Eleven 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	:-	25days	
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	:-	27 / 11 /19(up to 2.00 PM)	
9.	Date and Time of tender opening	:-	On 27 / 11 /19 (at 3.00 PM) or after	

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- 347/19 -20

Dated: 20 / 11 /2019

Name of the work: - SITC of new AC machines at proposed new instrument rooms for FIST, department of Zoology western wing, 1st floor of Ballygunge science college campus, C.U.,

Estimated cost put to tender: Rs 222405/--(Two Lacs Twenty two thousand four hundred & five only)incl.taxes

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-347 /19-20

Dated: 20/ 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. 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 45days 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:

**AN ESTIMATE FOR SUPPLY , INSTALLATION, COMMISSIONING OF NEW AIRCONDITIONER MACHINES AT PROPOSED NEW
INSTRUMENT ROOMS FOR FIST DEPARTMENT OF ZOOLOGY WESTERN WING 1STFLOOR OF BALLYGUNGE SC.COLLEGE,C.U**

Sl.No.	Description of work	Unit	Rate	Quantity	Amount	PWD 17
1	Supplying of 1.5 Tx3 star rated HI Wall split A.C machine,copper Fixed speed split air conditioner.(Make:Bluestar/Daikin/Voltas) incl.12ft copper pipe,16A modular top to be supplied with each M/C.	Each	40690	3	122070	P/list 18
2	Installation,Testing,commissioning of said machines with all necy items.(incl plywood etc,if necy.)	Each	2500	4	10000	do
3	Addl.copper pipe for refrigerant if require	RFT	225	120	27000	do
4	Hard PVC drain pipe upto ground level with suitable U trap	RFT	40	60	2400	do
5	Supplying of 1.2 Tx3 star rated HI Wall split A.C machine,copper Fixed speed split air conditioner.(Make:Bluestar/Daikin/Voltas)	Each	35140	1	35140	
(A) TOTAL BASIC COST :					196610	
(B)G.S.T @12% ON TOTAL TENTATIVE BASIC COST(A)(Subject to verification of accounts dept)					23593	
TOTAL BASIC COST +GST(A+B)					220203	
(C) ADD 1% L.W CESS ON C					2202	
TOTAL COST :(A+B+C)=Rs(63790+7654.8+714.8)=					RS 222405	
(Two lacs twenty two Thousand four hundred & five only.)						

If Plug top is not supplied an Amount of **Rs 250 per machine will be deducted from total bill**

Amount to be deducted from work order value of Rs 3000/
each for buy back facility of old machine irrespective of
tonnage or model or type.

Name of contractor:

Address of the contractor:

Amount/Rate quoted by the contractor:

Signature of the contractor with seal