

OFFICE OF THE UNIVERSITY ENGINEER

87/1, College Street Darbhanga Building, GroundFloor

Kolkata-700073

Website :-www.caluniv.ac.in

NOTICE INVITINGQUOTATION

1.	N.I.T. No:	Eng /ET- 34 /21-22 Date: 03.09.2021
2.		S.I.T.C of newA.C machines for three(3) nos renovated Laboratory of Dr.Diptendu
	Name of the work:	Chatterjee, Dr. Subhomoy kisku, Dr. Subhendu Majhi , dept. of Anthropology, C.U at Ballygunge science
		college,35B.C Road,Kol-19.
3.	Estimated Cost put to Tender:	Rs208023/-(Two Lakh eight thousand & twenty three only)excl.Govt Taxes.
4.	Earnest Money:	A sum of Rs11000 /-(Rs Eleven 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 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. EMD is not exempted in any case.
5.	Time of completion:	15 days
6.	Eligibility Criteria and Documents to be submitted along with Application.	 Valid trade License, GST & PAN and credential for satisfactory completion of similar nature of job amounting75 % of the estimated value in a single tender in the last three financial years in Government /Government Undertaking or University of Calcutta.Original documents may be asked for verification of technical checking on the date of application. Failing to produce original documents, the tender will be rejected. The participant bidder must submit the following documents in sealed envelope in the tender box kept at the Office of the Engineer at the Ground Floor of the Darbhanga Building, University of Calcutta, 87/1, College Street, Kolkata – 700073 within the last date of submission of the tender. I. NIT documents duly filled and signed by the intending bidder. Bank Draft for EMD in favour of the University of Calcutta. Self-attested copy of Valid trade License, GST & Pan and credentials for satisfactory completion of similar nature of jobs under Government, Government Undertaking and Universities etc. within last three years. Work order will not be treated as credentials Application through postal service or courier service is not accepted.
7.	Last date of receipt of application for tender	08/09/2021 (Application must contain above mentioned documents & this application duly signed by Engineer CU should be enclosed with tender documents)
8.	Last date of Sale/ issue of tender papers	13 / 09 / 2021TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)
9.	Last Date and Time of tender Submission	(on 13/09/2021 from 11am to 2.00 PM)
10.	Date and Time of Tender Opening	(on 13/09/2021 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 and will be rejected.

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

UNIVERSITY ENGINEER (C.U)



Name of the work:- <u>S.I.T.C of newA.C machines for three(3) nos renovated Laboratory of Dr.Diptendu Chatterjee,Dr.Subhomoy</u> <u>kisku,Dr.Subhendu Majhi</u>, dept.of Anthropology,C.U at Ballygunge science college,35B.C Road,Kol-19.

N. I.T. no- Eng /ET- 34 /21-22

Date: 03.09.2021

Estimated cost Put to Tender:- Rs208023/-(Two Lakh eight thousand & twenty three only)excl.Govt Taxes

Name of Agency:-

Address of Agency:-

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



N. I.T. no : Eng /ET- 34 /21-22

Date: 03.09.2021

Item Rate contract

GENERAL TERMS AND CONDITION

1. Eligible Tenders will have to download the tender papers from the website & drop the filled tender papers signed with seal and date at every page along with copy of Valid Trade license's, GST & PAN and Credential for satisfactory completion of similar nature of job amounting to at least seventy five percent of the job value in a single tender from any Government, Govt. undertaking or University of Calcutta in the last three financial yearin sealed envelope in the Tender box kept in the Office of the undersigned with in the specified time mentioned in the NITwhich will be opened by the undersigned or by his representative with in <u>the specified time and date mentioned in the NIT</u>The tendered must write the name of the work, NIT no, the date of opening and name of the bidder on the envelop failing which the tender will not be opened thus will be treated as cancelled.

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

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

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



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

6. (a)If the successful contractor's bid rate is 80% or less than the estimated amount put to tender the contractor will have to submit a Bank Guarantee amounting to 10% of the Tendered amount before issue of Work order failing which the EMD will be forfeited and the agency may be blacklisted. The Bank Guarantee should be valid till the end of the contract period and shall be renewed accordingly if required. This bank Guarantee is an Additional Performance Security .So provision of deducting Security deposit from bills will hold goods per relevant clause of the contract. The bank 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 quoted amount in the form of CTS demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the successful bidder. In case of successful tender the EMD will be returned on application after an equal amount of security deposit is ducted by the University from the running bills. EMD is not exempted in any case. The earnest money will be returned to unsuccessful tenderers on application after issue of work order to the successful bidder for successful tenderer the EMD will be returned on application after an equal amount of security deposit is deducted from the running bills.

Amount:-Rs

D.D No	Dated	/	/20

Name of Issuing Bank:--

Branch :-

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



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

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

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

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

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

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

15.Defect&liability Period:-The defect & liability periodwill be for a period of \underline{six} (6) 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 :-

3068

4240

5146

Specific Price schedule for

B.O.Q FOR SUPPLY, INSTALLATION, COMMISSIONING OF NEW AIRCONDITIONER MACHINES AT RENOVATED LABS OF DR. DIPTENDU CHATTERJEE, DR, SUBHAMOY KISKU, DR. SUBHENDU MAJHI, DEPT OF ANTHROPOLOGY, C.U , C.U AT BALLYGUNGE SCIENCE COLLEGE CAMPUS,35B.C ROAD KOLKATA 19 SI.No. Description of work Unit Rate Quantity Amount 1 Air conditioninning SITC of 3star rating split air conditioner machine with R 410 gas incl.remote controller of folowing capacity suitable for operation on 230v +/- 10% volt ,50Hz,single phase ac supply with air cooled evaporator with copper coil fan & fan motor, air cooled condenser with copper coil, hermatically sealed rotary compressor, propeller fans, controls, control panels incl wiring, necy.

power cable connection from unit to power socket, refrigerant pipe of appropriate size between indoor & outdoor unit upto 3 mtr length[both suction& delivery, incl gas charging complete as regd, each 45590 4 182360 1.5TR [Make: Hitachi/Daikin/Bluestar] 2 Providing & fixing copper pipe thickness with nitrile rubber insulation not less than 0.6 mm& suitable size as required for supply& return refrigerant with suitable insulation for above Acs as per specification of manufacturer complete in all respect as required[in excess of 3.00 mtr length/Machine RM 231 51 11781 1/4"[OD-6.35mm] 3 Supplying & laying 20mm dia ISI marked PVC flexible pipe along with accessories on surface of the wall to drain out condensed water from indoor 52 RM 59 unit as required. 4 S&F factory fabricatedM.S structure for resting/Placing of 1.5TR capacity item 1060 4 split A.C outdoor unit on existing bldg. & fixed by MS fastner. 5 S&F4C flexible copper cable of size 4sq.mm, from indoor to outdoor unit RM 166 31 incl.connection,commissioning testing etc as reqd.[Polycab/Havells] 6 Hire & labour charges for shuttering with centering &necy. Staging upto 4mtr using approved stout props &thick hard wood planks of apprd

thickness with regd.bracing for concrete slab,beams & coloumns,lintels curved or straight......works (upto roof of G/F) When the height of a particular floor is more than 4mtr the equivalent flr 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 Cum 68 21 1428 staging beyond 4mtr in any floor.(H=12mtr,B=2mtr,L=1.5mtr) Vol=36cum (A) TOTAL BASIC COST : 208023

(B)G.S.T EXTRA ON TOTAL TENTATIVE BASIC COST(A) AS APPLICABLE

Name of the Agency:

Address of the Agency:

Amount quoted by the agency:

Signature with stamp & date:



OFFICE OF THE UNIVERSITY ENGINEER 87/1, College Street

Darbhanga Building, GroundFloor Kolkata-700073

Website :-www.caluniv.ac.in

		NOTICE INVITINGQUOTATION
		es sealed tender from resourceful and bonafide contractors for the following work
1.	N.I.T. No:	Eng /ET- 35 /21-22 Date: 03 / 09 / 2021
2.	Name of the work:	<u>Thourough EI works for the Lab of Dr. Diptendu Chatterjee,Dr.Subhomoy Kisku,& Dr.Subhendu</u> <u>Majhi,Dept.of Anthropology with fresh wiring by Copper wire,new Luminaires etc.</u>
3.		Rs271738/-(Two lakh seventy one thousand seven hundred thirty eight only)
	Estimated Cost put to Tender:	excl.Govt taxes.
4.	Earnest Money:	A sum of Rs14000/ -(Rs Fourteen 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 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. EMD is not exempted in any case .
5.	Time of completion:	21days
6.	Eligibility Criteria and Documents to be submitted along with Application.	Valid trade License, GST & PAN and credential for satisfactory completion of similar nature of job amounting75 % of the estimated value in a single tender in the last three financial years in Government /Government Undertaking or University Calcutta.Original documents may be asked for verification of technical checking on the date of application. Failing to produce original documents, the tender will be rejected.
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The	undersigned reserves the	e right to reject any or all Tenders without assigning any reason what so ever.
		A



Name of the work:- Thorough E.I works for the Lab of Dr.Diptendu Chatterjee,Dr.Subhomoy Kisku,Dr.Subhendu Majhi,Dept.of Anthropology, with fresh wiring by copper wire,new luminaires etc.<u>.</u>

N. I.T. no- Eng/ET- 35 /21-22

Date: 03 / 09 / 2021

Estimated cost Put to Tender:-Rs271738/-

Name of Agency:-

Address of Agency:-

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



N. I.T. no : Eng /ET- 35 /21-22

Date: 03 / 09 / 2021

Item Rate contract

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

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



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Amount:-Rs

D.D No	Dated	/	/20

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Branch :-

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

15.Defect&liability Period:-The defect & liability periodwill be for a period of <u>six months (6)</u> 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:

<u>Add</u>ress :-

AN ESTIMATE FOR THOROUGH E.I WORKS FOR THE LAB OF DR.DIPENDU CHATTERJEE, DR.SUBHAMOY KISKU & DR.SUBHENDU MAJI, DEPT OF ANTHROPOLOGY WITH FRESH WIRING BY COPPER WIRE, NEW LUMINAIRES,

SI 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) 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	33	21747
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 apprd 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	763	10	7630
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	324	18	5832
4	Supply & Fixing Socket type fan regulator (Step type)(Brand appro				
	ved 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	9	2124
5	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.				
а	2 x 22/0.3 (1.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC(LDB to S/Board)	RM	102	48	4896
b	2 x 56/0.3 (4 sqmm) + 1 x 36/0.3 (2.5 sqmm) ECC(PDB to 16A plug)	RM	149	157	23393
с	2 x 84/0.3 (6 sqmm) + 1 x 56/0.3 (4 sqmm) ECC (PDB to CP & AC)	RM	193	63	12159

d 6	2 x 36/0.3 (2.5 sqmm) + 1 x 22/0 CONTROL CABLE	0.3 (1.5 sqmm) ECC (PDB to 6A Plug pt)	RM	119	137	16303
A	Supplying of PVC Arm.cable with Al. conductors of 1.1 KV grade					
	conforms to I.S:1554 (part-1) for following cross -section					
		ake: Mescab/Havells/Polycab	RM	427	16	6832
	B)1x 35sq.mm 3.5 core	(do)	RM	242	87	21054
	C)1x16 sq.mm 2 core	(do)	RM	124	85	10540
В	Laying of cable as below, on exis		T CIVI	121	00	10040
D	suitable size GI wire.	and cable may and binding with				
	A)1x70 sq.mm 3.5 core	(do)	RM	15	16	240
	B)1x 35sq.mm 3.5 core	(do)	RM	10	87	957
	C)1x16 sq.mm 2 core	(do)	RM	11	85	935
С		complete with brass gland rubber	T CIVI		00	000
U	rings for dust & moisture proc					
	A)1x70 sq.mm 3.5 core	(do)	Each	212	2	424
	B)1x 35sq.mm 3.5 core	(do)	Each	162	6	972
	C)1x16 sq.mm 2 core	(do)	Each	115	6	690
D	, .		Lach	115	0	030
U	dowels etc.	cables by crimping method incl S&F				
			Set	263	2	526
	A)1x70 sq.mm 3.5 core	(do)	Set	203 158	2 6	948
	B)1x 35sq.mm 3.5 core	(do)	Set	58	6	348 348
7	C)1x16 sq.mm 2 core DISTRIBUTION SYSTEM WITH TF	(do)	Sei	50	0	540
/						
	Supply & Fixing of perforated GI cab					
	more than 17.5% suspended from c	-				
	6mm dia MS suspender, bolts & nut					
	required of the following size. Incl. /					
	With 25x25x3mm angle iron suppor	t	Fach	267	1.4	F120
0	300x50x1.25mm (18SWG)		Each	367	14	5138
8	Supply & Fixing of perforated GI cab					
	more than 17.5% suspended from c					
	& 25x25x3mm angle iron for support	-				
	GI connector, 6mm dia MS suspend					
	etc. as required of the following size	e. Incl. Al painting of MS support.	E. J.	700		2024
0	300x50x1.25mm (18SWG		Each	706	4	2824
9	Supplying and fixing double of					
	Distribution board for MCCB					
	protection, on angle iron fram					
	the damages to original finish					
	suitable size of copper wire a	nd neutral link & provision				
	for earthing attachment		F a ala	10000	4	10000
10	Enclosure(607914)Legrand u		Each	10683	1	10683
10	Supplying and fixing 415 V F					
	Breaking capacity 25kA/35kA					
	and fixed magnetic / adjustab					
	magnetic setting in existing D	ibs / enclosure and				
	necessary connection		Fack	0750	4	0750
	Legrand 160A FP		Each	9759	1	9759

11	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	6	8592
12	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	2	3514
13	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	2	8388
14	Supplying and fixing 240/415 V MCB Isolator on				
	din rail of existing DBs and necessary connection.				
а	63A DP Legrand (PWD2014/D5/6)	Each	460	2	920
b	100A FP Legrand (DO)	Each	927	2	1854
15	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	72	13680
16	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.(L&T/Siemens)				
	160A	Each	7908	1	7908
17	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
18	Interconnection from rising main busbar to SFU end &VDB by				
	flexible copper wire of following cross section incl S&f heavy				
	duty copper socket (dowels) of required size through flexi pipe				
4.0	95sq.mm	RM	1291	16	20656
19	Luminaires (Internal lighting)	E. J.	500	10	6000
A	TMC 501 P 1x LEDMounting rails for TLED Lamps	Each	500	12	6000
B	TLED Essential 20Watt	Each	400	30	12000
20	Supplying of Ceiling Fan 1200mm. make Orient /Usha/Polar [Plist 14]	Each	2186	8	17488
21	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	Fa-l-		8	528
22	connection as required by $2x1.5$ sqmm flexible copper wire. (c4)	Each	66	0	520
22	Lowering & refixing of existing ceiling fan complete with blades				

	canopy,fork,rubber bush etc.incl making necy connection & disconn.						
	as reqd.	(C4)	Each	35	8	280	
23	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 v GI bolts, nuts, washers, spacing insulators etc. as required [G2/4a]		RM	156	1	156	
	Earth Continuity Conductor :						
24	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 [G2/5/17	']	RM	6	281	1686	
	(A) TOTAL BASIC COST :(Excluding G.S.T)					271738	
	B)G.S.T EXTRA ON TOTAL TENTATIVE BASIC COST(A)as applica	able				
Nam	e of the Agency:						

Address of the Agency:

Amount quoted by the agency:

Signature with stamp & date :