UNIVERSITY OF CALCUTTA

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

NOTICE INVITINGQUOTATION

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

1.	**N.I.T. No:**	**Eng / ET- 23 /21-22.** **Date: 31.08.2021**
2.	**Name of the work:**	***Extreme necessary E.I works for Maidan Tent,University of Calcutta,incl S&F of new indoor luminaires with fresh wiring by copper wire,DB,outside luminaires,cable etc.***
3.	**Estimated Cost put to Tender:**	**261103/-(Two lakh sixty one thousand one hundred &three only) excl.Govt.Taxes**
4.	**Earnest Money:**	A sum of Rs13500/-(Thirteen thousand five hundred) 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:**	21 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 issuing tender paper . 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**. 1. NIT documents duly filled and signed by the intending bidder. 2. Bank Draft for EMD in favour of the University of Calcutta. 3. Self-attested copy of Valid trade License , GST & Pan and credentials for satisfactory completion of similar nature of jobs under Government, Government Undertaking and Universities etc. within last three years. 4. Application through postal service or courier service is not accepted.
7.	**Last date of receipt of application for tender**	06/09/2021 (12 pm to 3 pm)
8.	**Last date of Sale/ issue of tender papers**	06.09.2021 (12pm to 3pm) TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)
9.	**Last Date and Time of tender Submission**	(on 08.09.2021 from 11am to 2.00 PM)
10.	**Date and Time of Tender Opening**	On 08.09.2021 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)

UNIVERSITY OF CALCUTTA

Name of the work:- Extreme necessary E.I works for Maidan Tent,University of Calcutta,incl.S&F of new indoor luminaires with fresh wiring by copper wire,DB, outside luminaires,cable etc.

N. I.T. no- Eng / ET- 23 /21-22. **Date: 31.08.2021**

Estimated cost Put to Tender:-261103/-(Two lakhs sixty one thousand one hundred &three only.)

Name of Agency:-

Address of Agency:-

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

Signature of the Agency with date &stamp:-

UNIVERSITY OF CALCUTTA

N. I.T. no Eng / ET- 23 /21-22. **Date: 31.08.2021**

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 **the specified time and date mentioned in the NITThe tendered must write the name of the work , NIT no , the date of opening and name of the bidder on the envelop failing which the tender will not be opened thus will be treated as cancelled.**

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

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

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

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

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

(b) The University authority will retain a sum amounting to 10% of the bill of the contract for a period of six months from the date of completion of work as **Security Deposit**. 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 six months from the date of completion of the job. Any defects pointed out during this period has to be mend good by the agency at their own cost failing which the retention money will be forfeited.

Sd/-

University Engineer

Name of the Agency:

Address :-

Signature of the Agency with date &stamp:-

N. I.T. no Eng / ET- 23 /21-22. **Date: 31.08.2021**

B.O.Q FOR EXTREME NECESSARY E.I WORKS FOR MAIDAN TENT UNIVERSITY OF CALCUTTA INCL S&F OF NEW INDOOR LUMINAIRES WITH FRESH WIRING BY COPPER WIRE, DB,OUTSIDE LUMINAIRES CABLE ETC.

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) 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	30	19770
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	3	2289
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	4	1296
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	6	1416
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.				
a	2 x 22/0.3 (1.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC(LDB to S/Board)	RM	102	37	3774
b	2 x 56/0.3 (4 sqmm) + 1 x 36/0.3 (2.5 sqmm) ECC(PDB to 16A plug)	RM	149	43	6407
c	2 x 84/0.3 (6 sqmm) + 1 x 56/0.3 (4 sqmm) ECC (PDB to pump,o/s light)	RM	193	90	17370
d	2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC (PDB to 6A Plug pt)	RM	119	83	9877
6	DISTRIBUTION SYSTEM WITH TRAY				
A	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	14	5138
	7	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	706	3	2118
	7	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
	8	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
	9	Supplying and fixing 240/415 V MCB Isolator on din rail of existing DBs and necessary connection.				
A		63A DP Legrand (PWD2014/D5/6)	Each	460	2	920
B		100A FP Legrand (DO)	Each	927	2	1854
	10	Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection				
A		SP 6-32Amps Legrand	Each	190	72	13680
	11	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)				
A		63A	Each	3568	1	3568
	11	Supplying and fixing sheet steel (16SWG) cable end box on TPN SFU enclosure with nuts bolts etc incl. powder coated painting.				
A		63A	Each	567	2	1134
	12	Luminaires (Internal lighting)				
A		TMC 501 P 1x LEDMounting rails for TLED Lamps	Each	500	14	7000
B		TLED Essential 20Watt	Each	400	14	5600
	13	Supplying of Ceiling Fan 1200mm. make Orient /Usha/Polar [Plist 14]	Each	2186	4	8744
	14	Fixing only ceiling fan complete with blades, canopy, fork, rubber bush etc. incl. S&F connecting wire for down rod upto 30 cm incl.				

	painting the rod with approved paint and making necessary connection as required by 2x1.5 sqmm flexible copper wire. (c4)	Each	66	4	264
	Lowering & refixing of existing ceiling fan complete with blades canopy,fork,rubber bush etc.incl making necy connection & disconn. as reqd. (C4)	Each	35	4	140
15	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. [G2/4a]	RM	156	2	312
	Earth Continuity Conductor :				
16	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
17	Supplying of PVC **Arm.cable with Al. conductors of 1.1 KV grade** conforms to I.S:1554 (part-1) for following cross -section				
	1x10sq.mm 3core [DO]	RM	125	113	14125
18	Laying of cable as below, on existing Cable Tray/wall and binding With suitable size GI wire.				
	1x10sq.mm 3core [DO]	RM	57	732	41724
19	S&F compression type gland complete with brass gland rubr rings for dust & moisture proof entry				
	1x10sq.mm 3core	Each	115	21	2415
20	Finishing the end of following cables by crimping method incl S&F dowels etc.				
	1x10sq.mm 3core	Each	67	21	1407
21	Fixing only outdoor / street light type fluorescent light fitting or MV light fitting complete with all accessories to be fixed /projected from the wall of the building incl. making holes/providing clamping arrangement & necy. GI reducer as required. S&F 40 mm GI pipe (ISI-Medium) quality 1.5 mts. average length having suitable bend S&F necy. length of 1.5 sqmm PVC insulated single core stranded annealed copper wire and making connections as required and mending good damages to wall incl. painting etc.	Each	807	21	16947
22	Supplying & Fixing GI waterproof type looping cable box size 200x150x100 mm deep having 4 mm thick comprising of one 250 V 15 A kit-kat fuse unit, one NL on porcelain insulator, one compression type brass cable gland for upto 2- core 16 sqmm PVC/A cable and having lined with rubber gasketted GI top cover with brass machine screws etc., earthing terminal with lug, on steel tubular pole near base, including S&F 40x6 mm thick, MS clamps with bolts, nuts etc. including painting with anticorrosive	Each	458	20	9160
23	LUMINAIRES (Building peripherial lighting)				
a	Supplying of LED street light for the half periphery of the hostel				

	MSL 09/50W….(Mescab/crompton greaves/any ISI make)	Each	4000	8	32000
b	Supplying of LED Flood light 30Watt (Mescab/CG/any ISI marked)	Each	2600	3	7800
24	Supply & Fixing 240 V, 20 A Piano key type switch (Brand approved by EIC) on sheet metal switch board incl. S & F 100x100x65mm 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	201	16	3216
25	EARTHING Earthing with 50 mm dia GI pipe 3.64 mm thick x 3.04 Mts. long and 1 x 4 SWG GI (Hot Dip) wire (4 Mts. long), 13 mm dia x 80 mm long GI bolts, double nuts, double washers incl. S & F 15 mm dia GI pipe protection (1 Mts. long) to be filled with bitumen partly under the ground level and partly above ground level driven to an average depth of 3.65 Mts. below the ground level as below: By ISI-Medium GI pipe	Set	1369	2	2738
26	Extra for treatment of soil by using salt & charcoal or coke for plate electrode	Set	531	2	1062
27	Extra for providing masonery enclosure on the top of the earth electrode of overall size 86.36 cm x 86.36 cm x 46 cm deep (below Ground level) complete with cemented brick work(1:6) of 25 cm width duly plastered with cement morter (inside) CI hinged inspection cover of size 36.56 cm x 35.56 cm with locking arrangement, GI reducer including drilling of 46 nos. 12 mm dia holes on the GI pipe	item	915	2	1830
28	Dismantling of existing damaged wiring,defunct luminaires & fans etc &to be stacked at the place shown by the EIC	item	210	2	420
	(A) TOTAL BASIC COST :(Excluding G.S.T)				**261103**

B)G.S.T EXTRA ON TOTAL TENTATIVE BASIC COST(A)as applicable

Name of the Agency:

Address of the agency:

Rate quoted by the agency:

Signature of the agency with date & stamp:

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