



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- 468/19-20	Dated: 20/ 02/2020
2.	Name of Work	:	Thorough E.I Works at Department of Botany,Eastern wing to reduce the power fluctuations in various laboratory (R/No 340,356 etc) to provide stabilized output ,Eastern wing,2 nd floor,C.U	
3.	Estimated Cost put to Tender	:-	Rs179642 (One lac seventy nine thousand six hundred forty two only)including Taxes	
4.	Earnest Money	:-	A sum of Rs9000/- (Rupees Nine 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 deducted by the University from the running bills/final bill as per norms.	
5.	Time of completion	:-	35days	
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 any state run University 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	:-	03 /03 /20(up to 2.00 PM)	
9.	Date and Time of tender opening	:-	On 03 /03 /20 (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- 468 /19 -20

Dated:20/ 02/2020

Name of the work: - Thorough E.I works at Department of Botany,Eastern wing to reduce the power fluctuations in various laboratory (R/No 340,356 etc) to provide stabilized output ,Eastern wing,2nd floor,C.U

Estimated cost put to tender: **Rs179642** (One lac seventy nine thousand six hundred forty two only)including 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- 468 /19-20

Dated: 20/02 /2020

TENDER AND CONTRACT FOR WORK

GENERAL TERMS AND DIRECTION FOR THE GUIDANCE OF CONTRACT

1. Eligible Tenders will have to download the tender papers from the website & drop the filled tender papers signed with seal and date at every page along with copy of Valid Trade license's, GST & PAN and Credential for satisfactory completion of similar nature of job amounting to at least seventy five percent of the job value in a single tender from any Government, Govt. undertaking or University of Calcutta in the last three financial year(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 THOROUGH EI WORKS AT DEPT OF BOTANY EASTERN WING TO REDUCE THE POWER FLUCTUATIONS
IN VARIOUS LABORATORY(R/NO 340,356 ETC) TO PROVIDE STABILIZED OUTPUT,EASTERN WING,2ND
FLOOR.C.U

SI.No

SI.No	Description of work	Unit	Rate	Quantity	Amount	pwd17
1	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	Each	10683	2	21366	D11/15
2	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	Each	9759	2	19518	D8/10
3	Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection	Each	1432	10	14320	D6/7
4	Supply & Fixing of perforated GI cable tray with perforation more than 17.5% suspended from ceiling with two nos. suspend & 25x25x3mm angle iron for supporting the cross member incl. GI connector, 6mm dia MS suspender, bolts & nuts, steel fastener etc. as required of the following size. Incl. Al painting of MS support 300x50x1.25mm (18SWG)	each	367	10	3670	D14/34 a
5	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 Make: Mescab/Havells/Polycab	RM	422	32	13504	p/list18
	B)1x 35sq.mm 3.5 core (do)	RM	239	22	5258	do
	C)1x16 sq.mm 2 core (do)	RM	126	37	4662	do
6	Laying of cable as below, on existing Cable Tray and binding with suitable size GI wire.					
	A)1x70 sq.mm 3.5 core (do)	RM	15	32	480	F3/6
	B)1x 35sq.mm 3.5 core (do)	RM	11	22	242	do
	C)1x16 sq.mm 2 core (do)	RM	11	37	407	do
7	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	4	848	F4/7
	B)1x 35sq.mm 3.5 core (do)	Each	162	6	972	do
	C)1x16 sq.mm 2 core (do)	Each	115	6	690	do

8	Finishing the end of following cables by crimping method incl S&F dowels etc.						
	A)1x70 sq.mm 3.5 core (do)	Set	263	4	1052	F5/8b	
	B)1x 35sq.mm 3.5 core (do)	Set	158	4	632	do	
	C)1x16 sq.mm 2 core (do)	Set	58	4	232	do	
9	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	
10	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 (2x25+2x22+1x37)=131	RM	6	131	786	G2/5	
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) 125Amps	Each	7321	2	14642	D3/4a	
12	Supplying and fixing sheet steel (16SWG) cable end box on TPN SFU enclosure with nuts bolts etc incl. powder coated painting. 125Amps	Each	567	4	2268	D5/5	
13	<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.						
	i)70 sq.mm (BBC to SFU Incoming:4x2mtr each)=8mtr	RM	722	8	5776	P/1st18	
14	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 earthing attachment.Legrand(encl.607717) 8way	Each	4194	2	8388	D10/14	
15 a	Supplying and fixing 240/415 V MCB Isolator on TPN DB	Each	927	2	1854		
15b	Supplying and fixing 240/415 V MCB Isolator on existing SPN DB	Each	460	4	1840	D5/6	
16	Stabilized connection 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						

b	(Precision make) incl. necy. fittings as required. 2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC (PDB to 6A Plug pt)	RM	119	70	8330	E14/E1/ii j
c	2 x 56/0.3 (4 sqmm) + 1 x 36/0.3 (2.5 sqmm) ECC (PDB to 16A plug)	RM	149	57	8493	E14/E1/iii
d	2 x 84/0.3 (6 sqmm) + 1 x 56/0.3 (4 sqmm) ECC (PDB to Stabilizer & AC)	RM	193	48	9264	E14/E1/iv
17	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
18	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	5	1435	E6/22
19	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, indicator & 20A switch type SP MCB (Brand approved by EIC) on sheet metal switch board embedded in wall incl. S & F 240x200x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover					
	and making necessary connections as required .	Each	752	6	4512	E7/26
20	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. (R/No357=2+323=2+336=1)=5nos	Each	236	3	708	E6/18A
21	Supply & Fixing 240V6A plug socket without switch & plug top on existingswitch board having bacelite cover by screws after making housing for socket & making necy connection.	Each	36	4	144	E5/15a
22	Supply & Fixing 240V6A piano key type switch (brnd apprd) on existing switch board having bacelite cover by screws after making housing for socket & making necy	Each	27	4	108	E5/14

connection.

(A) TOTAL BASIC COST :	158807
(B)G.S.T @12% ON TOTAL TENTATIVE BASIC COST(A)(Subject to verification of accounts dept) :	19057
TOTAL BASIC COST +GST(A+B) :	177864
(C) ADD 1% L.W CESS ON C	
:	1778
TOTAL COST :(A+B+C)=Rs(158807+19057+1778)= RS :	179642
(Rs.ONE LAC SEVENTY NINE THOUSAND SIX HUNDRED FORTY TWO ONLY)	

Name of Contractor:

Address:

Rate quoted by contractor:

Signature:



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

NOTICE INVITING TENDER

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

1.	N.I.T. No	:	Eng /ET- 469 /19-20. Dated 20/ 02 / 2020
2.	Name of Work	:	THOROUGH E.I WORKS FOR RENOVATION OF MOOT COURT & LEGAL AID CLINIC INCLUDING FALSE CEILING LUMINAIRES,,AC MACHINE CONCEALED WIRING, SOUND SYSTEM AT MOOT COURT ROOM DEPT.OF LAW,51/1 HAZRA ROAD,KOLKATA 19,C.U
3.	Estimated Cost put to Tender	:-	499302/-(Four lac ninety nine thousand three hundred & two only)
4.	Earnest Money	:-	A sum of Rs25000/- (Rupees Twenty five thousand only) . in the form of CTS demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the successful bidder. In case of 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	:-	20 days
6.	Eligibility Criteria	:-	Valid trade License , GST & Pan and credential for satisfactory completion of similar nature of job. Amounting 75 % of the estimated value in a single tender in the last three financial year . Government, Government Undertaking any state run niversity and University of Calcutta credentials are accepted.(only completion certificate of the work should be treated as Credential.
7.	Last date of receipt of application for tender	:-	NA
8.	Last date of Sale/ issue of tender papers		TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)
9.	Last Date and Time of tender Submission	:-	03 / 03 /20(up to 2pm)
10.	Date and Time of Tender Opening	:-	After 3:00 PM 03 /03 / 2020

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

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



UNIVERSITY OF CALCUTTA

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

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

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

Name of Agency:-

Address of Agency:-

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

Signature of the Agency with date & stamp:-



UNIVERSITY OF CALCUTTA

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

TENDER AND CONTRACT FOR WORK

GENERAL TERMS AND DIRECTION FOR THE GUIDANCE OF CONTRACT

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



5. The allotted time for completion of the work 45 days from the date of receipt of work order. Time is the essence of this contract. Normally no time extension will be granted. In case of prayer for extension of time the University authority has the full right reserved to grant it or discard it.

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

Name of contractor:

Address of the contractor:

Amount/Rate quoted by the contractor:

Signature of the contractor with seal



UNIVERSITY OF CALCUTTA
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Kolkata-700073
Website :-www.caluniv.ac.in

NOTICE INVITING QUOTATION

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

1.	N.I.T. No	:	Eng /EQ- 470 /19-20.	Dated	20/ 02/ 2020
2.	Name of Work	:	Repairing of submersible pump with necessary washing by compressed air,surging,lifting of pump from well & lowering the pump after made necessary repairing with allied electrical & plumbing works incl.S & F new pipe,cable,starter,sfu, etc at Ballygunge science college,C.U		
3.	Estimated Cost put to Tender	:	N.A		
4.	Earnest Money	:	A sum of Rs 5% of 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.		
5.	Time of completion	:	One Year		
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 any state run university credentials are accepted.(only completion certificate of the work should be treated as Credential.		
7.	Last date of receipt of application for tender	:	NA		
8.	Last date of Sale/ issue of tender papers	:	TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)		
9.	Last Date and Time of tender Submission	:	03 /03 /2020(10am upto 2pm)		
10.	Date and Time of Tender Opening	:	After 3:00 PM 03/ 03 / 2020		

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

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



UNIVERSITY OF CALCUTTA

Name of the work: Repairing of submersible pump with necessary washing by compressed air, surging, lifting of pump from well & lowering the pump after made necessary repairing with allied electrical & plumbing works incl. S & F new pipe, cable, starter, sfu, etc. at **Ballygunge science college, C.U**

N. I.T. no- Eng /EQ- 470 /19-20. **Dated** 20/ 02/ 2020

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 /EQ- 470 /19-20. Dated 20/ 02/ 2020

TENDER AND CONTRACT FOR WORK

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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.

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Amount:-Rs

D.D No...... Dated / /2020

Name of Issuing Bank:--

Branch :-

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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 REPAIRING OF SUBMERSIBLE PUMP WITH NECY WASHING BY COMPRESSED AIR,SURGING,LIFTING OF PUMP FROM WELL & LOWERING THE PUMP AFTER MADE NECESSARY REPAIRING & ALLIED ELECTRICAL & PLUMBING WORKS INCL.S& F NEW PIPE,CABLE,STARTER S.F.U ETC AT BALLYGUNGE SCIENCE COLLEGE,C.U

Sl.No.	Description of work	Unit	Rate	Quantity	Amount
1	Washing & Developing tube well with air compressor pump& engine for 8(eight) hrs continuous pumping per day with necy arrangements for testing the yields in gallon/hr with "V" notch incl.hire & labour charges for all tools& plants & scaffolding as required	day		3	
2	Taking out pipes of existing tube well incl.strainer etc complete for portion of length Beyond 20mtr below GL	mtr		45	
3	supplying of GI pipes of TATA make incl.necy sockets 80mm dia Medium	mtr		45	
4	labour for fitting & fixing of GI pipes works 80mm dia	mtr		45	
5	Repairing of 15 HP motor motor set				
a)	leathe work				
b)	shaft turning work				
c)	Replacement of Bush				
d)	bush turning				
e)	rewinding of motor with proper heat varnishing with Dr.Beck varnish				
f)	Fitting of pump with to & fro carriage ,testing etc	item		1	
6	Supplying of fully automatic star delta starter MU-G-FASD,415V,50Hz	each		1	
7	Fixing only starters for motor on angle iron frame on wall,star delta starter from above 5hp to upto 15hp	each		1	
8	Supplying and fixing 415V, TPN SFU open execution with sheet steel SS enclosure/cubical with nuts bolts etc incl.S&F 3nos DIN type HRC fuse as per rating. 100A Make ; L&T	Each		1	
9	<u>INTER CONNECTION BETWEEN MAIN L.T 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. 50 sq.mm	RM		15	
10	Supplying & laying of submerssible cable flat 3Core pvc insulated industrial cable for submerssible pump,1100V,conforming to IS:694 4sq.mm (From controller to pump end)	RM		135	
11	Supplying of G.I Socket with I.S.I mark,80mm dia	each		1	
	(A) TOTAL BASIC COST :				
	(B)G.S.T @12% ON TOTAL TENTATIVE BASIC COST(A)				
	TOTAL BASIC COST +GST(A+B)				
	(C) ADD 1% L.W CESS ON C :				
	TOTAL COST :(A+B+C)=Rs()=	RS		
	TOTAL COST :(In Word)=Rs		RS		

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Name of

Contractor:

Address:

Rate quoted

by contractor:

Signature:



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- 471 /19-20. Dated 20/ 02 / 2020
2.	Name of Work	:	REPLACEMENT OF DEFUNCT CABLE & STREET LIGHTS OF DEPARTMENT OF HOME SCIENCE, VIHARILAL COLLEGE CAMPUS ,2B JIDGES COURT ROAD,KOL-27
3.	Estimated Cost put to Tender	:-	78440/- (Seventy eight thousand Four hundred forty only)
4.	Earnest Money	:-	A sum of Rs4000/- (Rupees Four 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.
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 any state run University credentials are accepted.(only completion certificate of the work should be treated as Credential.
7.	Last date of receipt of application for tender	:-	NA
8.	Last date of Sale/ issue of tender papers		TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)
9.	Last Date and Time of tender Submission	:-	03/ 03 /20 (upto 2pm))
10.	Date and Time of Tender Opening	:-	After 3:00 PM 03 /03 / 2020

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

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

UNIVERSITY ENGINEER (C.U)



UNIVERSITY OF CALCUTTA

Name of the work: REPLACEMENT OF DEFUNCT CABLE & STREET LIGHTS OF DEPARTMENT OF HOME SCIENCE VIHARILAL COLLEGE CAMPUS ,2B JIDGES COURT ROAD,KOL-27.

N. I.T. no- Eng /ET- 471 /19-20. **Dated** 20/ 02 / 2020

Estimated cost Put to Tender :78440/- (Seventy eight thousand Four hundred forty 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- 471 /19-20. **Dated** 20/ 02 / 2020

TENDER AND CONTRACT FOR WORK

GENERAL TERMS AND DIRECTION FOR THE GUIDANCE OF CONTRACT

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



5. The allotted time for completion of the work 45 days from the date of receipt of work order. Time is the essence of this contract. Normally no time extension will be granted. In case of prayer for extension of time the University authority has the full right reserved to grant it or discard it.

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

B.O.Q FOR REPLACEMENT OF DEFUNCT CABLE & STREETLIGHTS OF DEPARTMENT OF HOME SCIENCE,
VIHARILAL COLLEGE CAMPUS,2-B JUDGES COURT ROAD,KOLKATA 27

Sl.No.	Description of work	Unit	Rate	Quantity	Amount	PWD 17
1	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 3core [DO]	RM	133	170	22610	plst18
2	Laying of one No. cable upto 35 sqmm in underground trench 460mm wide x 760mm average depth, with brick protection on the top of the cable with 8 (eight) Nos. bricks per Mtr. including filling the space between the bricks and cable and also the trenchwith shifted soil, leveling up and restoring surface duly rammed 1x16sq.mm 3core	RM	162	170	27540	F2/1a
3	Supplying and fixing compression type gland complete with brass gland, brass ring & rubber ring for dust & moisture-proof entry of XLPE/PVC armoured cables as below 1x16sq.mm 3core	Each	132	6	792	F4/7d
4	Finishing of the XLPE/PVC insulated armoured cable ends by crimping method incl S & F solderless sockets and insulated tapes supplying sockets, anti corrosive, tapes etc. and making connection to switch, BDB and BBC etc. 1x16sq.mm 3 core	Set	67	6	402	F5/8b
5	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	3	2421	c3/18
6	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 gasketed 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	3	1374	H5/5
7	LUMINAIRES (Building peripheral lighting) Supplying of LED street light for the half periphery of the hostel MSL 07/70W....(Mescab/crompton greaves/any ISI make)	Each	6800	2	13600	P/list 17
8	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	3	603	E6/17b

(A) TOTAL BASIC COST :	69342
(B)G.S.T @12% ON TOTAL BASIC COST(A)(Subject to verification of accounts dept)	8321
TOTAL (A+B)	77663
(C) ADD 1% L.W CESS ON C :	777
TOTAL COST :(A+B+C)=Rs (69342+8321+777)	
=	78440

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, Ground Floor
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- 472/19-20. Dated 20/02/2020
2.	Name of Work	:	SUPPLY INSTALLATION, COMMISSIONING OF NEW AIR CONDITIONER WINDOW MACHINE AT THE, LAB OF PROF SUBIR BERA (R/NO308) WITH BUY BACK FACILITY, WESTERN WING, 2ND FLOOR OF BALLYGUNGE SCIENCE COLLEGE, UNIVERSITY OF CALCUTTA.
3.	Estimated Cost put to Tender	:-	34205/- (Thirty four thousand two hundred & five only)
4.	Earnest Money	:-	A sum of Rs1750/- (Rupees one thousand seven hundred fifty 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.
5.	Time of completion	:-	15 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 any state run University credentials are accepted. (only completion certificate of the work should be treated as Credential).
7.	Last date of receipt of application for tender	:-	NA
8.	Last date of Sale/ issue of tender papers		TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)
9.	Last Date and Time of tender Submission	:-	03 /03 /20 (up to 2pm)
10.	Date and Time of Tender Opening	:-	After 3:00 PM 03/03 / 2020

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

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



UNIVERSITY OF CALCUTTA

Name of the work: SUPPLY INSTALLATION, COMMISSIONING OF NEW AIR CONDITIONER WINDOW MACHINE AT THE LAB OF PROF SUBIR BERA (R/NO 308) WITH BUY BACK FACILITY, WESTERN WING, 2nd FLOOR OF BALLYGUNGE SCIENCE COLLEGE UNIVERSITY OF CALCUTTA..

N. I.T. no- Eng /ET- 472 /19-20. **Dated** 20 /02/ 2020

Estimated cost Put to Tender; 34205/- (Thirtyfour thousand two hundred & five 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- 472 /19-20. Dated 20 /02/ 2020

TENDER AND CONTRACT FOR WORK

GENERAL TERMS AND DIRECTION FOR THE GUIDANCE OF CONTRACT

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



5. The allotted time for completion of the work 45 days from the date of receipt of work order .Time is the essence of this contract. Normally no time extension will be granted. In case of prayer for extension of time the University authority has the full right reserved to grant it or discard it.

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

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

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

Amount:-Rs

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

Name of Issuing Bank:--

B ranch :-

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



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

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

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

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

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

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

15.Defect & liability Period :-The defect & liability period will be for a period of six months from the date of completion of the job. Any defects pointed out during this period has to be mend good by the agency at their own cost failing which the retention money will be forfeited.

Sd/-

University Engineer

Name of the Agency:

Address :-

SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE

**SUPPLY , INSTALLATION, COMMISSIONING OF NEW AIRCONDITIONER WINDOW MACHINE AT THE LAB OF PROF. SUBIR BERA R/NO 308)
WITH BUY BACK FACILITY DEPT OF BOTANY, WESTERN WING 2ND FLOOR BALLYGUNGE SC.COLLEGE,C.U**

Sl.No.	Description of work	Unit	Rate	Quantity	Amount
1	Supplying of 1.5 Tx3 star rated window type A.C machine, 100%copper Fixed speed .(Make: Voltas/ Bluestar/Daikin/Hitachi) incl.12ft copper pipe,16A modular top to be supplied with each M/C.	Each	29390	1	29390
2	Installation,Testing,commissioning of said machines with all necy. items like plywood,screw,nut bolts , etc.	Each	2500	1	2500
3	Hard PVC drain pipe upto ground level with suitable U trap	RFT	40	25	1000

(A) TOTAL BASIC COST :	32890
(B)G.S.T @12% ON TOTAL BASIC COST(Subject to verification of accounts dept)	3947
TOTAL BASIC COST +GST(A+B)	36837
(C) ADD 1% L.W CESS :	368
TOTAL COST :(A+B+C)=Rs(32890+3947+368)= RS	37205

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.	Less	3000
	NET PAY	34205

(Rs.THIRTY FOUR THOUSAND TWO HUNDRED & FIVEONLY)

If Plug top (15A) is not supplied an Amount of Rs 250 per machine will be deducted from total bill

Name of Agency:

Address of the agency:

Amount/Rate quoted by the agency:

Signature of the agency with date:



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

NOTICE INVITING TENDER

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

1.	N.I.T. No	:	Eng /ET- 473 /19-20. Dated 20 /02/ 2020
2.	Name of Work	:	Thorough EI works for installation of outside luminaires for Vidyasagar chhatriniwas,new PG ladies hostel & PG students hall,at Hastings House compound,C.U with fresh wiring, new luminaires earthing etc.
3.	Estimated Cost put to Tender	:	449918/--(Four Lacs fortynine thousand nine hundred eighteen only)
4.	Earnest Money	:	A sum of Rs22500/- (Rupees Twenty Two 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 any state run University credentials are accepted.(only completion certificate of the work should be treated as Credential.
7.	Last date of receipt of application for tender	:	NA
8.	Last date of Sale/ issue of tender papers	:	TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)
9.	Last Date and Time of tender Submission	:	03 /03 /20 (upto2 pm)
10.	Date and Time of Tender Opening	:	After 3:00 PM 03 / 03 / 2020

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

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



UNIVERSITY OF CALCUTTA

Name of the work:Thorough EI works for installation of outside luminaires for Vidyasagar chhatriniwas,new PG Ladies hostel & PG students hall,at Hastings House compound,C.U with fresh wiring, new luminaires earthing etc .

N. I.T. no- Eng /ET- 473 /19-20. **Dated** 20 /02/ 2020

Estimated cost Put to Tender: 449918(Four Lacs fortynine thousand nine hundred & eighteen 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- 473 /19- 20. **Dated 20 /02/ 2020 TENDER AND CONTRACT FOR WORK**

GENERAL TERMS AND DIRECTION FOR THE GUIDANCE OF CONTRACT

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



5. The allotted time for completion of the work 45 days from the date of receipt of work order .Time is the essence of this contract. Normally no time extension will be granted. In case of prayer for extension of time the University authority has the full right reserved to grant it or discard it.

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

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

7.A sum of 5% of the estimated amount i.e.value **as mentioned in the NIT**.in the form of demand draft in favour of 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.

Amount:-Rs

D.D No..... Dated / /2020

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 INSTALLATION OF OUTSIDE LUMINAIRES VIDYASAGAR CHHATRINIWAS,NEW PG

LADIES HOSTEL & PG STUDENTS HALL AT HASTINGS HOUSE COMPOUND,C.U WITH FRESH WIRING &NEW LUMINAIRES,EARTHING ETC

Sl.No.	Description of work	Unit	Rate	Quantity	Amount	PWD 17
1	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	857	107125	plist18
2	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	F3/6]
3	S&F compression type gland complete with brass gland rubr rings for dust & moisture proof entry 1x10sq.mm 3core	Each	115	21	2415	F4/7a
4	Finishing the end of following cables by crimping method incl S&F dowels etc. 1x10sq.mm 3core	Each	67	21	1407	F5/8b
5	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	C3/18
6	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	H5/5
7	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	21	84000	P/list 17
b)	Supplying of LED Flood light 30Watt (Mescab/CG/any ISI marked)	Each	2600	3	7800	do
8	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	E6/17b
9	Supplying of road lighting luminaires with high power LED IP66 top openable & integrated optics to ensure uniform distribution. BRP 340 LED 138 CW HO SLC S1 PSU GR (Philips make/skyline)	Each	14000	3	42000	plist19
10	Supply & Fixing meddium gauge GI pipe protection (ISI make)					

	with necy fittings & jointing materials as reqd.	Rm	173	10	1730	F6
11	Laying of single cable upto 35 sqmm in underground trench 460mm wide x760mm ave depth), the trench with brick protection on the top of each cable 8 (eight) Nos. bricks per Mtr. and 4 (four) Nos. bricks per Mtr. as separator between the bricks and cables and also trench to be filled up with shifted soil, levelling up and restoring surface duly rammed	RM	315	125	39375	F2/2b
12	S&F 240vAC buzzer (6") on HW board incl S&F HW board	Each	124	1	124	D13
13	EARTHING					
a)	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	G1/2a
b	Extra for treatment of soil by using salt & charcoal or coke for plate electrode	Set	531	2	1062	G2/3b
c	Extra for providing masonry 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 mortar (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	G2/3a
d	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
e	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	RM	6	350	2100	G2/5
f	Connecting the equipments body to earth busbar including S & F 25 mm x 6 mm galvanised (Hot Dip) MS flat on wall/floor with GI saddles as required and connection to equipments incl. drilling holes, with bolts, nuts, washers etc.	RM	138	45	6210	G3/5d
14	Fixing outdoor type fluorescent LED light Fitting on pole incl.S&F 40mmdiax1.68 mtrs long GI pipe bracket with 40mm x10mm thick MS clamp etc & providing wiring with 2x1/1.40 insulated & un-seathed wire from loop box at the base of pole light fitting through pole & bracket incl making conn.7 painting	Each	1335	3	4005	H5
15	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 56/0.3 (4 sqmm) + 1 x 36/0.3 (2.5 sqmm) ECC (Inside the Feeder panel)	RM	149	23	3427	E14/E1/iii
b)	2 x 84/0.3 (6 sqmm) + 1 x 56/0.3 (4 sqmm) ECC (Do)	RM	193	47	9071	E14/E1/iv
16	Supplying and fixing 240/415 V MCB Isolator on din rail of existing outside feeder panel and necessary connection.					
a)	63A DP Legrand (PWD2014/D5/6)	Each	460	3	1380	D5/6
b)	100A FP Legrand (DO)	Each	927	1	927	do
17	Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of outside existing feeder panel and necessary connection					
	SP 6-32Amps Legrand	Each	190	6	1140	D6/7
18	Painting of steel tubular pole of length & no of coats of paint as given below with ready mix paints/primer of approved make & brand incl preparation of surface by sand paper/emery cloth, cleaning etc for receiving fresh coat of paint					
	a) upto 9.0mtr long pole					
	i) 1st coat of aluminium paint over 1 coat of RO priming	each	226	6	1356	H-2
	ii) 2nd coat of aluminium paint over 1st coat	each	103	6	618	do
19	Providing C.C (6:3:1) muffing 600x600x760 mm in size or equivalent size of cylindrical muffing above ground level around the pole base complete with 3mm neatly finished cement plaster all round after dismantling the unserviceable muffing, if necy.					
	without loop box	each	1134	4	4536	I/1
	(A) TOTAL BASIC COST :				397735	
	(B) G.S.T @12% ON TOTAL TENTATIVE BASIC COST(A) (Subject to verification of accounts dept) :				47728	
	TOTAL BASIC COST +GST(A+B)				445463	
	(C) ADD 1% L.W CESS ON C :				4455	
	TOTAL COST :(A+B+C)=Rs(397735+47728+4455)= RS				449918	
	(Rs.FOUR LACS FORTYNINE THOUSAND NINE HUNDRED & EIGHTEEN ONLY)					

Name of Contractor:

Address:

Rate quoted by contractor:

Signature: