



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-33 /20-21 Dated :13.07.2020
2.	Name of Work	:	Urgent electrical work to restore damages caused by the super cyclone Amphan at 8th floor of Library Science Department in the Centenary building during the year-2020-21.
3.	Estimated Cost put to Tender	:-	Rs.96516.00
4.	Earnest Money Deposit(EMD)	:-	A sum of Rs4850.00/- (Rupees four thousand and eight 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 as cancelled. EMD will be exempted for those bidders who are registered with NSIC or MSME subject to the submission of valid and authorized NSIC/MSME certificate of similar nature of work with the tender documents.
5.	Bid validity period	:	60(sixty) days after opening of the tender.
6.	Time of completion	:-	30days
7.	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. Amounting The intending bidder must attach the photo-copies of all the relevant documents such as 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 years in Government, or Government Undertaking or University of Calcutta with the tender documents and drop the sealed envelope in to the tender box kept at office of the undersigned. Only completion certificate of the work will be considered as Credential of works. Original documents may be asked for verification of technical checking on the date of tender opening. Failing to produce original documents, the tender will be rejected.
8.	Last date of Sale/ issue of tender papers	:	TO BE DOWNLOADED FROM UNIVERSITY WEBSITE.(www. caluniv.ac.in) IN TENDER NOTICE
9.	Last Date and Time of tender Submission	:-	Dully filled and signed tender/quotation to be submitted on 20.07.2020(up to 2.00 PM) in to the Tender Box kept in the Office of the University Engineer
10.	Date and Time of Tender Opening	:-	At or after 3:00 PM on 20.07.2020 at the Office of the University Engineer. Intending bidders are requested to be present at the time of opening tenders/quotations.

N.B:

- (i) N.I.T /NIQ no ,Name of work, name of the bidder and the date of opening tender/quotation should be written on the sealed envelope, failing which the tender/quotation will not be opened and thus cancelled.
(ii)The undersigned reserves the right to reject any or all Tenders/quotations without assigning any reason what so ever.

University Engineer C.U.



N. I.T. no- Eng /ET-33 /20-21 **Dated :**13.07.2020.

Name of the work:- Urgent electrical work to restore damages caused by the super cyclone Amphan at 8th floor of Library Science Department in the Centenary building during the year-2020-21.

Estimated cost Put to Tender:-Rs.96516.00

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-33 /20-21 **Dated :**13.07.2020

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. **Time Extension:** The allotted time for completion of the work is 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.



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

6. Earnest Money Deposit : Depending on the type of goods to be purchased or work to be done, Earnest Money Deposit (EMD), also known as Bid Security, may be obtained from the bidders-except those who are registered with National Small Industries Corporation (NSIC) or MSME to safeguard against a bidder withdrawing/altering his bid during the bid validity period. The bidders are required to furnish Earnest Money Deposit (EMD) along with their bids. The Earnest Money Deposit (EMD) should be accepted in the form of Account Payee Demand Draft, Banker's Cheque or a Bank Guarantee in acceptable form from any of the Nationalised Banks, safeguarding the purchaser's interest in all respects. The Earnest Money Deposit (EMD) shall remain valid for a period of sixty days beyond the final tender validity period. The Bid Validity Period may be extended if required.

7. Refund of Earnest Money Deposit (EMD): Earnest Money Deposit (EMD) furnished by all unsuccessful bidders should be returned to them without any interest whatsoever, at the earliest after the expiry of the final bid validity period but not later than forty five days after the award of the contract. Earnest Money Deposit (EMD) of the successful tenderer should be returned, without any interest whatsoever, after deduction of security deposit @ 10% from his/her Running /final bill.

8. Forfeiture of Earnest Money Deposit (EMD): Earnest Money Deposit (EMD) of a tenderer shall be forfeited, if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of his tender. Further, if the successful tenderer fails to furnish the required performance security within the specified period, his Earnest Money Deposit (EMD) shall be forfeited.

9. Additional Performance Security: 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.

10. Refund of Additional Performance Security: Performance Security should be refunded to the supplier without any interest, whatsoever, after he duly performs and completes the contract in all respects but not later than sixty days of completion of all such obligations under the contract.

11. Forfeiture of Performance Security: Performance security is to be forfeited and credited to University of Calcutta in the event of a breach of contract by the tenderers, in terms of the relevant contract.

12. Verification of the Bank Guarantees: Bank Guarantees submitted by the tenderers as Earnest Money Deposit (EMD)/Performance Security need to be immediately verified from the issuing bank before its acceptance, through written communication.



13. **Security Deposit:** 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.

14. **EMD and Additional Performance security(If applicable) should be paid in favour of UNIVERSITY OF CALCUTTA payable at Kolkata .EMD must be attached with the tender in sealed envelope, failing which the tender will be treated as cancelled.**

15. EMD Amount:-Rs

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

Name of Issuing Bank:--

B ranch :-

16. 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.

17. 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.

18. The rates must be quoted in words and in figure, otherwise the tender will be cancelled.

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

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

21. 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 .

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

23. Defect & liability Period :- The defect & liability period will be for a period of 6(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 his/her own cost, failing which the retention money will be forfeited.

24. After issuing the work order to the successful tenderer, if he fails to commence the work or unable to complete the work, then the EMD /Performance security amount of the said tenderer will be forfeited and no claim will be entertained.

Sd/-

University Engineer

Name of the Agency:

Address :-

SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE:



Eng /ET- 33/20-21

Dated :13.07.2020

(PRICE SCHEDULE)

NAME OF WORK: Urgent electrical work to restore damages caused by the super cyclone Amphan at 8th floor of Library Science Department in the Centenary building during the year-2020-21.

**Specific price Schedule for the electrical renovation work(Due to Supper Cyclone Amphan)
for Library & Information Science at 8 th. Floor in Centenary Building ,
College Street Campus C.U.**

SL	Descriptions	Quantity	Rate in Rs.	Amount Rs.
1	Distribution wiring with 2x1 sq.mm pvc insulated FR/HRFR 1100 V.grade(Havell's/Finolex make) single core copper conductor conforms to IS:694 in 20 mm size PVC rigid conduit pipe (Presto/Precision) with all accessories as required to light/fan/ call bell points with modular type switch (Brand appro. By EIC) fixed on modular GI/PVC switch board with top cover plate with all necy.connections incl. mending good damages to original finish(PVC igid conduit and switch board both on surface). (As per market price basis).	24 no	716/-	17184.00
2	Supplying 1.5 sq.mm 3 core multicore round FR PVC insulated copper conductor(sheathed) flexible cable 1100 V conforms to IS:694. (As per Havell's price list 2019 basis)	120 mt	60.90	7308.00
3	Supplying 6 sq.mm x 3 core multi core round FR PVC insulated copper conductor(Sheathed) flexible cables 1100 V conforms to IS: 694. (As per Havell's Price List 2019 basis).	20 mt	229.25/-	4585.00
4	Supplying 4 sq.mm x 3 core multi core round FR PVC insulated copper conductor(Sheathed) flexible cables 1100 V conforms to IS: 694. (As per Havell's Price List 2019 basis).	80 mt	149.5/-	11960.00
5	Laying of above multi core flexible cable on wall/surface along with necy saddling with making holes. necy. connections etc. as reqd.& mending good damages.	220 mt	12/-	2640.00
6	Supplying & fixing 250 V (2+10) way SPN MCB DB with IP 42 protection SS enclosure DD,Siemens make with angle/flat iron frame & mending good damages to original finish incl. inter connection with suitable size copper wire & neutral link & provision for earthing attachment (As per PWD schedule 2017 page-D-10,Item no 13 basis)	01 no	1601/-	1601.00
7	Supplying & fixing 40 A DP. MCB Isolator Siemens make on din rail of existing MCB DB & necy. connection(As per PWD Schedule 2017 Page/D-5 ; Iten no. 6 basis.)	01 no	338/-	338.00

8	Supplying SP MCB 6-32A 'C' series conforms to IS, Siemens make on din rail of existing MCB DB & necy. Connections (As per PWD schedule2017 Page no D6,item no 7 basis).	10 no	184/-	1840.00
9	Supply and fixing, 240 V.16A 3 pin Modular type plug socket (Brand approved by EIC) with 16A Modular type switch without plug top on 4 module GI modular switch board with top cover plate flushed on wall incl. S & F. switch board and cover plate and making necy. connections with PVC Cu. Wire and earth continuity wire. (PWD schedule'17 Page E-18,item no9b. Basis)	04 no.	456/-	1824.00
10	Supply and fixing, 240 V.6A 5 pin Modular type plug socket without top & 6A Modular type switch (Brand approved by EIC) on existing surface mounting modular type switch board with top cover plate and making connections with PVC Cu. wire and earth continuity wire etc. all complete. (Rate as per PWD Schedule 2017,Page no E-17,item 3 a) & 4 a).	02 no.	202/-	404.00
11	S & F. 240 V.4 nos 6 A.multi pin modular type plug socket with 4 nos 6 A Modular type switch(Brand approved by EIC),16A modular type MCB C curve fuse Indicator without plug top on 2 row 18 module GI modular type switch board with 2 row 18 module top cover plate flushed in wall incl. S & F.switch board and cover plate and making necy. connection with pvc cu.wire and earth continuity wire etc. (As per PWD schedule2017 Page no E-18,item no12 basis).	10 no	1691/-	16910.00
12	Supplying & fixing 6-32 A.DP MCB Siemens on din rail of existing MCB DB & necy.connections.(PWD schwdule'17 P/D6,Item no7)	05 no	520/-	2600.00
13	Supplying & fixing 2 way MCB SS enclosure (ISI mark) with IP 20-30 protection powder coated provision for two pole MCB concealed in wall after cutting the wall & mending good the damages to original finish incl. painting, connection & provision for earthing attachment. (PWD schedule'17 page D-9,Item-11)	05 no	270/-	1350.00
14	Supplying only fluorescent light fittings Philips make. Cat no. TMC 501 P 2 x T-LED mounting rail for T-LED lamp. (As per Philips Price list 2017 basis)	04 no	600/-	2400.00
15	Supplying 20 W LED tube Philips make for the above fittings. (As per Philips Price list 2017 basis)	08 no	350/-	2800.00
16	Fixing only fluorescent light fitting suspended 25cm below the ceiling with 2 nos 20 mm dia.El conduit (14 SWG) supports incl. S & F. El conduit ball socket/socket type ceiling plate and connecting the length of pvc insulated copper wire & painting (As per PWD schedule2017 Page no C-2,item no 15 basis).	10 no	214/-	2140.00
17	Extra for suspension exceeding 25 cm. with S & F. additional 2 nos 20mm. dia. El conduit(14 SWG) supports & necy. PVC insulated copper wire and painting etc. as required (As per PWD schedule2017 Page no C-2,item no 16 basis).	3.50 mtr	155/-	542.50
18	Supplying 36/40 W tube Philips make for the existing fittings. (As per Philips Price list 2017 basis)	12 no	50/-	600.00
19	Fixing only ceiling fan complete with blades, canopy, fork,			

	rubber bush etc. incl. S & F. connecting wire for down rod upto 30cm. Incl. painting the rod with approved paint and making necy. connections as reqd. by flexible copper wire (As per PWD schedule2017 Page no C-3,item no 21(a) basis).	10 no	66/-	660.00
20	Supplying & fixing 240 V, modular socket(2 module) type fan regulator(step type)(Brand approved by EIC) on existing module GI switch board with top cover plate incl. making necy. connection.(PWD schedule2017 Page no C-2,item no15 basis).	10 no	387/-	3870.00
21	Supply only 20 mm dia. PVC conduit for laying of 3 core round wire.(as per PWD schedule 2017 , Page K-1, item 46 basis)	75 mtr	25.65	1923.75
22	Labour charges for dismantling the existing wiring, fitting & accessories & depositeing the same to the authority. (As per circular of Labour commissioner Circular date 29.05.'19)	(1S+1US)	695/-	695.00
	Total Estimated Amount		Rs.	86175.25
	Add 12 % GST as per Rules		„	10341.03
	Total Estimated Amount including G S T.		Rs.	96516.28
			say,Rs	96516.00

Name Of The Agency:

Address Of The Agency:

Rate quoted by the Agency: (.....%)
Percent Below/ At Par/ Above



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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-34 /20-21 Dated :13.07.2020
2.	Name of Work	:	Urgent electrical work to restore damages caused by the super cyclone Amphan at 1st floor floor of Hardinge building old co-operative office during the year-2020-21.
3.	Estimated Cost put to Tender	:-	Rs.132,019.00
4.	Earnest Money Deposit(EMD)	:-	A sum of Rs6601.00/- (Rupees Six thousand and six hundred one 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 as cancelled. EMD will be exempted for those bidders who are registered with NSIC or MSME subject to the submission of valid and authorized NSIC/MSME certificate of similar nature of work with the tender documents.
5.	Bid validity period	:	60(sixty) days after opening of the tender.
6.	Time of completion	:-	30days
7.	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. Amounting The intending bidder must attach the photo-copies of all the relevant documents such as 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 years in Government, or Government Undertaking or University of Calcutta with the tender documents and drop the sealed envelope in to the tender box kept at office of the undersigned. Only completion certificate of the work will be considered as Credential of works. Original documents may be asked for verification of technical checking on the date of tender opening. Failing to produce original documents, the tender will be rejected.
8.	Last date of Sale/ issue of tender papers	:	TO BE DOWNLOADED FROM UNIVERSITY WEBSITE.(www. caluniv.ac.in) IN TENDER NOTICE
9.	Last Date and Time of tender Submission	:-	Dully filled and signed tender/quotation to be submitted on 20.07.2020(up to 2.00 PM) in to the Tender Box kept in the Office of the University Engineer
10.	Date and Time of Tender Opening	:-	At or after 3:00 PM on 20.07.2020 at the Office of the University Engineer. Intending bidders are requested to be present at the time of opening tenders/quotations.

N.B:

- (i) N.I.T /NIQ no ,Name of work, name of the bidder and the date of opening tender/quotation should be written on the sealed envelope, failing which the tender/quotation will not be opened and thus cancelled.
(ii)The undersigned reserves the right to reject any or all Tenders/quotations without assigning any reason what so ever.

University Engineer C.U.



Estimated cost Put to Tender:-Rs.96516.00

Name of the work:- Urgent electrical work to restore damages caused by the super cyclone Amphan at 1st floor floor of Hardinge building old co-operative office during the year-2020-21.

N. I.T. no- Eng /ET-34 /20-21 Dated :13.07.2020.

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 /ET-34 /20-21 **Dated :**13.07.2020

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. **Time Extension:** The allotted time for completion of the work is 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.



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

6. Earnest Money Deposit : Depending on the type of goods to be purchased or work to be done, Earnest Money Deposit (EMD), also known as Bid Security, may be obtained from the bidders-except those who are registered with National Small Industries Corporation (NSIC) or MSME to safeguard against a bidder withdrawing/altering his bid during the bid validity period. The bidders are required to furnish Earnest Money Deposit (EMD) along with their bids. The Earnest Money Deposit (EMD) should be accepted in the form of Account Payee Demand Draft, Banker's Cheque or a Bank Guarantee in acceptable form from any of the Nationalised Banks, safeguarding the purchaser's interest in all respects. The Earnest Money Deposit (EMD) shall remain valid for a period of sixty days beyond the final tender validity period. The Bid Validity Period may be extended if required.

7. Refund of Earnest Money Deposit (EMD): Earnest Money Deposit (EMD) furnished by all unsuccessful bidders should be returned to them without any interest whatsoever, at the earliest after the expiry of the final bid validity period but not later than forty five days after the award of the contract. Earnest Money Deposit (EMD) of the successful tenderer should be returned, without any interest whatsoever, after deduction of security deposit @10% from his/her Running /final bill.

8. Forfeiture of Earnest Money Deposit (EMD): Earnest Money Deposit (EMD) of a tenderer shall be forfeited, if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of his tender. Further, if the successful tenderer fails to furnish the required performance security within the specified period, his Earnest Money Deposit (EMD) shall be forfeited.

9. Additional Performance Security: 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.

10. Refund of Additional Performance Security: Performance Security should be refunded to the supplier without any interest, whatsoever, after he duly performs and completes the contract in all respects but not later than sixty days of completion of all such obligations under the contract.

11. Forfeiture of Performance Security: Performance security is to be forfeited and credited to University of Calcutta in the event of a breach of contract by the tenderers, in terms of the relevant contract.

12. Verification of the Bank Guarantees: Bank Guarantees submitted by the tenderers as Earnest Money Deposit (EMD)/Performance Security need to be immediately verified from the issuing bank before its acceptance, through written communication.



13. **Security Deposit:** 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.

14. **EMD and Additional Performance security(If applicable) should be paid in favour of UNIVERSITY OF CALCUTTA payable at Kolkata .EMD must be attached with the tender in sealed envelope, failing which the tender will be treated as cancelled.**

15. EMD Amount:-Rs

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

Name of Issuing Bank:--

B ranch :-

16. 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.

17. 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.

18. The rates must be quoted in words and in figure, otherwise the tender will be cancelled.

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

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

21. 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 .

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

23. Defect & liability Period :- The defect & liability period will be for a period of 6(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 his/her own cost, failing which the retention money will be forfeited.

24. After issuing the work order to the successful tenderer, if he fails to commence the work or unable to complete the work, then the EMD /Performance security amount of the said tenderer will be forfeited and no claim will be entertained.

Sd/-

University Engineer

Name of the Agency:

Address :-

SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE:



Eng /ET- 34/20-21

Dated :13.07.2020

(PRICE SCHEDULE)

NAME OF WORK: Urgent electrical work to restore damages caused by the super cyclone Amphan at 1st floor floor of Hardinge building old co-operative office during the year-2020-21.

SL	Descriptions	Quantity	Rate in Rs.	Amount Rs.
1	Distribution wiring with 2x1 sq.mm pvc insulated FR/HRFR 1100 V.grade(Havell's/Finolex make) single core copper conductor conforms to IS:694 in 20 mm size PVC rigid conduit pipe (Presto/Precision) with all accessories as required to light/fan/ call bell points with modular type switch (Brand appro. By EIC) fixed on modular GI/PVC switch board with top cover plate with all necy.connections incl. mending good damages to original finish(PVC igid conduit and switch board both on surface). (As per market price basis).	25 no	716/-	17900.00
2	Supplying 1.5 sq.mm 3 core multicore round FR PVC insulated copper conductor(sheathed) flexible cable 1100 V conforma to IS:694. (As per Havell's price list 2019 basis)	140 mt	60.90	8526.00
3	Laying of above multi core flexible cable on wall/surface along with necy shaddling with making holes. necy. Connections etc. as reqd.& mending good damages.	140 mt	12/-	1680.00
4	Supply and fixing, 240 V.6A 5 pin Modular type plug socket without top & 6A Modular type switch (Brand approved by EIC) on existing surface mounting modular type switch board with top cover plate and making connections with PVC Cu. wire and earth continuity wire etc. all complete. (Rate as per PWD Schedule 2017,Page no E-17,item 3 a) & 4 a).	05 no.	202/-	1010.00
5	Supplying & fixing 415 V. 6 way TPN MCB DB horizontal with SS enclosure DD Siemens make with IP 42 Protection on angle/flat iron frame & mending good damages to original finish incl. interconnection with suitable size copper wire & neutral link & provision for earthing attachment. (As per PWD schedule2017 Page no D-11,item no 14 basis).	01 no	3003/-	3003.00
6	Supplying & fixing 250 V (2+10) way SPN MCB DB with IP 42 protection SS enclosure DD,Siemens make with angle/flat iron frame & mending good damages to original finish incl. inter			

	connection with suitable size copper wire & neutral link & provision for earthing attachment (As per PWD schedule 2017 page-D-10,Item no 13 basis)	01 no	1601/-	1601.00
7	Supplying & fixing 40 A DP. MCB Isolator Siemens make on din rail of existing MCBV DB & necy. Connection(As per PWD Schedule 2017 Page/D-5 ; lten no. 6 basis.)	01 no	338/-	338.00
8	Supplying SP MCB 6-32A 'C' series conforms to IS, Siemens make on din rail of existing MCB DB & necy. Connections (As per PWD schedule2017 Page no D6,item no 7 basis).	28 no	184/-	5152.00
9	Supplying & fixing 63 A FP MCB Isolator Siemens make on din rail of existing MCB DB & necy. Connections. (As per PWD schedule2017 Page no D-5,item no 6 basis).	01 no	760/-	760.00
10	Supplying & fixing 6-32 A.DP MCB siemens on din rail of existing MCB DB & necy.connections.(PWD schwdule'17 P/D6,Item no7)	06 no	520/-	3120.00
11	Supplying & fixing 2 way MCB SS enclosure (ISI mark) with IP 20-30 protection powder coated provision for two pole MCB concealed in wall after cutting the wall & mending good the damages to original finish incl. painting, connection & provision for earthing attachment(PWD schedule'17 page D-9,Item-11)	06 no	270/-	1620.00
12	Supply and fixing, 240 V.16A 3 pin Modular type plug socket (Brand approved by EIC) with 16A Modular type switch without plug top on 4 module GI modular switch board with top cover plate flushed on wall incl. S & F. switch board and cover plate and making necy. connections with PVC Cu. Wire and earth continuity wire. (PWD schedule'17 Page E-18,item no9b. Basis)	06 no.	456/-	2736.00
13	S & F. 240 V.4 nos 6 A.multi pin modular type plug socket with 4 nos 6 A Modular type switch(Brand approved by EIC)16A modular type MCB C curve fuse Indicator without plug top on 2 row 18 module GI modular type switch board with 2 row 18 module top cover plate flushed in wall incl. S & F.switch board and cover plate and making necy. connection with pvc cu.wire and earth continuity wire etc. (As per PWD schedule2017 Page no E-18,item no12 basis).	12 no	1691/-	20292.00
14	Supplying only fluorescent light fittings Philips make. Cat no. TMC 501 P 2 x T-LED mounting rail for T-LED lamp. (As per Philips Price list 2017 basis)	14 no	600/-	8400.00
15	Supplying 20 W LED tube Philips make for the above fittings. (As per Philips Price list 2017 basis)	28 no	350/-	9800.00
16	Fixing only fluorescent light fitting suspended 25cm. below the ceiling with 2 nos 20 mm dia.El conduit (14 SWG) supports incl. S & F. El conduit ball socket/socket type ceiling plate and connecting the length of pvc insulated copper wire & painting (As per PWD schedule2017 Page no C-2,item no 15 basis).	12 no	214/-	2568.00
17	Extra for suspension exceeding 25 cm. with S & F. additional 2 nos 20mm. Dia. El conduit(14 SWG) supports & necy. PVC insulated copper wire and painting etc. as required (As per PWD schedule2017 Page no C-2,item no 16 basis).	15 mtr	155/-	2325.00

18	Fixing only single/twin fluorescent light fittings complete with all accessories directly on wall/ceiling /HW block and suitable size of M.S.fastner etc as reqd. (As per PWD schedule2017 Page no C-2,item no 14 b) basis).	02 no	100/-	200.00
19	Fixing only ceiling fan complete with blades, canopy, fork, rubber bush etc. incl. S & F. connecting wire for down rod upto 30cm. Incl. painting the rod with approved paint and making necy. connections as reqd. by flexible copper wire (As per PWD schedule2017 Page no C-3,item no 21(a) basis).	07 no	66/-	462.00
20	Extra for suspension ceiling with supply necy. Down rod along with all reqd. & connections (As per market price basis).	10 mt	150/-	1500.00
21	Extra for supplying additional wire for the down rod & painting the rod exceding 30 cm. by 2 x 1.5 sq.mm flexible copper wire. (As per PWD schedule2017 Page no C-3,item no 21(b) basis).	10 mt	44/-	440.00
22	Supplying & fixing 240 V, modular socket(2 module) type fan regulator(step type)(Brand approved by EIC) on existing module GI switch board with top cover plate incl. making necy. connection.(PWD schedule2017 Page no C-2,item no15 basis).	07 no	387/-	2709.00
23	Supplying D O L starter ML 1.5 , relay range (20 - 32) A single phase starter L & T make (At per L & T price list 2019 basis).	01 no.	5710/-	5710.00
24	Fixing of DOL starter on flat iron frame on wall. (As per PWD schedule2017 Page no C-1,item no 7 basis).	01 no.	215/-	215.00
25	Supplying only 4 core 16 sq.mm PVC/A Al. conductor 1.1 KV grade cable (As per Havell's Price list 2018 basis)	16 mtr.	171/-	2736.00
26	Supplying only 2 core 10 sq.mm PVC/A Al. conductor 1.1 KV grade cable (As per Havell's Price list 2018 basis)	10 mtr	134/-	1340.00
27	Laying of cable upto 3 / 4 core 25 sq.mm on wall/surface incl. S & F. MS shaddles, with earthing attachement in 10 SWG GI wire(Hot dip)making holes etc. as necy mending good damage & painting(as per PWD schedule ,17 ,page-F-1 , item 2(b)basis	26 mtr.	60/-	1560.00
28	S & F. compression type gland complete with brass , rings & rubber ring for dust & moisture proof entry of XLPE/ PVC armoured cable as below:- a) 2 core x 10 sq.mm (PWD schedule '17 ; F-4 , item 7(a)basis) b) 4 core x 16 sq.mm (PWD schedule '17 ; F-4 , item 7(c)basis)	02 no 02 no	115/- 132/-	230.00 264.00
29	Finishing the end of following XLPE/PVC /A cables by crimping method incl S & F. solder less socket, tapes, anti corrosive paste & jointing materials - a) 2 core x 10 sq.mm (PWD schedule '17 ; F-5 , item 8(a)basis) b) 4 core x 16 sq.mm (PWD schedule '17 ; F-5 , item 8(c)basis)	02 no 02 no	34/- 95/-	68.00 190.00
30	Supplying new premium ceiling fan 220 V 50 Hz,1400 mm sweep antidust, Model- New Breeze - Orient make. (As per Orient Price list 2018).	02 no	2160/-	4320.00

31	Supplying only ceiling fan 220 V 50 Hz,1400 mm sweep A.C. antidust, Model- New Smart - Havell's make. (As per Havell's Price list 2019).	01 no	2480/-	2480.00
32	Supply only 20 mm dia. PVC conduit for laying of 3 core round wire.(as per PWD schedule 2017 , Page K-1, item 46 basis)	75 mtr	25.65	1923.75
33	Labour charges for dismantling the existing wiring, fitting & accessories & depositing the same to the authority. (As per circular of Labour commissioner Circular date 29.05.'19)	(1S+1US)	695/-	695.00
Total Estimated Amount			Rs.	117873.75
Add 12 % GST as per Rules			„	14144.85
Total Estimated Amount including G S T.			Rs.	132018.60

Say,
Rs 132019.00

Name Of The Agency:

Address Of The Agency:

Rate quoted by the Agency:

(.....%)

Percent Below/ At Par/ Above



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-44 /20-21 Dated 13 / 07/ 2020
2.	Name of Work	:	URGENT ELECTRICAL RESTORATION WORK OF DAMAGES CAUSED BY 'AMPHAN' CYCLONE IN THE CHEMISTRY LABORATORY OF PROF.(Dr.) DEBASIS DAS AT 2 ND FLOOR, N. R. SEN BUILDING, ,RAJABAZAR SCIENCE COLLEGE, CU , KOL-9.
3.	Estimated Cost put to Tender	:-	Rs. 147683.00
4.	Earnest Money Deposit(EMD)	:-	A sum of Rs 7400/- (Rupees Seven Thousand and four 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. . EMD will be exempted for those bidders who are registered with NSIC or MSME subject to the submission of valid and authorized NSIC / MSME certificate of similar nature of work with the tender documents.
5	Bid validity period	:	60(sixty) days after opening of the tender.
6	Time of completion	:-	30days
7	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. Amounting The intending bidder must attach the photo-copies of all the relevant documents such as 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 years in Government, or Government Undertaking or University of Calcutta with the tender documents and drop the sealed envelope in to the tender box kept at office of the undersigned. Only completion certificate of the work will be considered as Credential of works. Original documents may be asked for verification of technical checking on the date of tender opening. Failing to produce original documents, the tender will be rejected.
8.	Last date of Sale/ issue of tender papers	:	TO BE DOWNLOADED FROM UNIVERSITY WEBSITE.(www. caluniv.ac.in) IN TENDER NOTICE
9.	Last Date and Time of tender Submission	:-	Dully filled and signed tender/quotation to be submitted on 20.07.2020(up to 2.00 PM) in to the Tender Box kept in the Office of the University Engineer
10.	Date and Time of Tender Opening	:-	At or after 3:00 PM on 20.07.2020 IN the Office of the University Engineer. Intending bidders are requested to be present at the time of opening tenders/quotations.

N.B:

(i) N.I.T /NIQ no ,Name of work, name of the bidder and the date of opening tender/quotation should be written on the sealed envelope, failing which the tender/quotation will not be opened and thus cancelled.

(ii)The undersigned reserves the right to reject any or all Tenders/quotations without assigning any reason what so ever.

University Engineer C.U.



N. I.T. no- Eng /ET44 /20-21 **Dated** 13 / 07/ 2020

Name of the work URGENT ELECTRICAL RESTORATION WORK OF DAMAGES CAUSED BY ‘AMPHAN’ CYCLONE IN THE CHEMISTRY LABORATORY OF PROF.(Dr.) DEBASIS DAS AT 2ND FLOOR, N. R. SEN BUILDING, ,RAJABAZAR SCIENCE COLLEGE, CU , KOL-9.

Estimated cost Put to Tender:-Rs147683.00

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 /ET44 /20-21 **Date :** 13 / 07/ 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. **Time Extension:** The allotted time for completion of the work is 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.



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

6. Earnest Money Deposit : Depending on the type of goods to be purchased or work to be done, Earnest Money Deposit (EMD), also known as Bid Security, may be obtained from the bidders-except those who are registered with National Small Industries Corporation (NSIC) or MSME to safeguard against a bidder withdrawing/altering his bid during the bid validity period. The bidders are required to furnish Earnest Money Deposit (EMD) along with their bids. The Earnest Money Deposit (EMD) should be accepted in the form of Account Payee Demand Draft, Banker's Cheque or a Bank Guarantee in acceptable form from any of the Nationalised Banks, safeguarding the purchaser's interest in all respects. The Earnest Money Deposit (EMD) shall remain valid for a period of sixty days beyond the final tender validity period. The Bid Validity Period may be extended if required.

7. Refund of Earnest Money Deposit (EMD): Earnest Money Deposit (EMD) furnished by all unsuccessful bidders should be returned to them without any interest whatsoever, at the earliest after the expiry of the final bid validity period but not later than forty five days after the award of the contract. Earnest Money Deposit (EMD) of the successful tenderer should be returned, without any interest whatsoever, after deduction of security deposit @10% from his/her Running /final bill.

8. Forfeiture of Earnest Money Deposit (EMD): Earnest Money Deposit (EMD) of a tenderer shall be forfeited, if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of his tender. Further, if the successful tenderer fails to furnish the required performance security within the specified period, his Earnest Money Deposit (EMD) shall be forfeited.

9. Additional Performance Security: 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.

10. Refund of Additional Performance Security: Performance Security should be refunded to the supplier without any interest, whatsoever, after he duly performs and completes the contract in all respects but not later than sixty days of completion of all such obligations under the contract.

11. Forfeiture of Performance Security: Performance security is to be forfeited and credited to University of Calcutta in the event of a breach of contract by the tenderers, in terms of the relevant contract.

12. Verification of the Bank Guarantees: Bank Guarantees submitted by the tenderers as Earnest Money Deposit (EMD)/Performance Security need to be immediately verified from the issuing bank before its acceptance, through written communication.



13. **Security Deposit:** 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.

14. **EMD and Additional Performance security(If applicable) should be paid in favour of UNIVERSITY OF CALCUTTA payable at Kolkata .EMD must be attached with the tender in sealed envelope, failing which the tender will be treated as cancelled.**

15. EMD Amount:-Rs

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

Name of Issuing Bank:--

B ranch :-

16. 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.

17. 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.

18. The rates must be quoted in words and in figure, otherwise the tender will be cancelled.

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

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

21. 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 .

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

23. Defect & liability Period :- The defect & liability period will be for a period of 6(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 his/her own cost, failing which the retention money will be forfeited.

24. After issuing the work order to the successful tenderer, if he fails to commence the work or unable to complete the work, then the EMD /Performance security amount of the said tenderer will be forfeited and no claim will be entertained.

Sd/-

University Engineer

Name of the Agency:

Address :-

SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE:



PRICE SCHEDULE FOR URGENT ELECTRICAL RESTORATION WORK OF DAMAGES CAUSED BY 'AMPHAN' CYCLONE IN THE CHEMISTRY LABORATORY OF PROF.(Dr.) DEBASIS DAS AT 2ND FLOOR, N. R. SEN BUILDING, RAJABAZAR SCIENCE COLLEGE, CU , KOL-9.

Schedule Followed PWD schedule 2017 & Present Local Market Price					
Item No	Description of Items	Unit	Rate	Qty	Amount
1	distrn wiring in 1 1 KV single core stranded FR" PVC insulated & Unsheathed copper wire in 20 mm size PVC rigid conduit FR (Precision/ Presto make) incl necessary fittings as required (Page no-E-14 item no-19-i & ii)				
	2X 2 5 +1x 1.5	Metre	119	245	29155
	2x4+1X2.5	Metre	149	62	9238
2	Dismantling the existing Electrical wiring	LS	400	1	400
3	Supply and fixing 240V, 3 nos 6A & 1 no 20A dual plug socket with separate 3 nos 6A & 1 no 20A Piano key type switch, indicator & 20A switch type SP MCB on sheet metal switch board embedded in wall incl supply and fixing 240x200x65 mm MS (16 SWG) switch board and bakelite top cover of 3 mm thick by brass screw after making housing for switch by cutting bakelite cover and making necessary connection as required (Page no-E-7, Item no-26)	Each	752	20	15040
4	Supply and fixing 240V, 25A modular type socket, 25A 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 supply and fixing switch board and cover plate and making necessary connections with PVC Cu wire and earth continuity wire etc. (Page no-E-19, Item no-18)	No	1047	2	2094
5	Distrn wiring in 1 1 KV grade 2X22/0 3 (1.5 sq mm) single core stranded FR PVC insulated & unsheathed copper wire in 20 mm size PVC rigid conduit FR (Precision Make) with 1x22/0 3 (1.5 sq mm) single core stranded FR PVC insulated & unsheathed copper wire for ECC to light/ fan/call bell points with piano key type switch (Anchor make) fixed on MS CRC sheet metal (SWG) switch board cum JB on wall complete with 2 nosuitable size Ph & N copper bar incl bakelite top cover 3 mm thick and incl 175 mm x100 mm x 65 mm inspection box,making earthing attachment,painting the MS box and mending good the damage to original finish (Page no-E-14, item no-2)				0
	Average run 5 mtr	No	612	15	9180
	Average run 8 mts	No	849	5	4245
	Average run 10 mts	No	1007	3	3021
6	Supplying and fixing 240/415 V MCB of breaking capacity 10KA & C characteristics on din rail of existing DBs and necessary connection (D-6 item no-7)	No	168	8	1344
	Havells 6-32A Single pole				0
7	Supply and fixing of 400mm Wall Fan Make- Havells Model-Platina	No	2840	6	17040
8	Supply and fixing socket type fan regulator (Step type) on existing sheet metal switch board with bakelite top cover by screw incl making necessary connections etc (E-6 item no-18-b)	Each	218	6	1308
9	Fixing only light fitting complete with all accessories directly on wall with round block & suitable size of fastner,Ceiling plate,ripples etc as required (Page no-C-2 item no-14-d)	Each	90	11	990
10	Fixing only ceiling fan complete with blades,canopy,fork,rubber bush etc incl S & F connecting wire for down rod upto 30cm incl painting the rod with approved paint and making necessary connection as required by 2x1 5 sqmm flexible copper wire (Page no-C-3 item no-21a)	No	66	2	132

Atul Chatterjee

11	Supply of 1400mm ceiling fan Model-XP-390 Make- Havells. (As per market price 2018)	Each	2730	2	5460
12	LED Batten (Double fitting) Make-Philips Type-TMC 801P 2XT-LED 22W P3242	Each	600	11	6600
13	Supply & Fixing of LED lamps Type-MAS LED TUBE 1200mm 18W 865 T81 Make-Philips	Each	900	22	19800
14	Extra for suspension exceeding 25 cm with S & F additional 2 no 20 mm dia EI conduit (14 SWG) supports and necessary PVC insulated wire and painting etc as required by 2X24/0.20 mm (1.5sq mm) flexible copper wire of 1.10mt length (Page no-C-2 item no-16)	RM	155	6	930
15	Supply of heavy duty exhaust fans 1 Phase, 4 pole ,380mm, 1400 RPM Cat No-EXHD380-4-1 (As per market price schedule 2018) Make- Crompton Greaves	Each	4150	1	4150
16	Fixing only exhaust fan after making in hole in wall and making good damages and smooth finish etc as particible as possible and providing necy length of PVC insulated wire and making connection for exhaust fan of following diameter (C4 Item no-28)	Each	411	1	411
17	Laying of cable upto 3/4 core 25 sq mm on wall/ surface incl supply and fixing MS saddle with earthing attachment in 10 swg GI (Hot dip) wire, making holes etc as necy mending good damages (F-1, item no-2b)	RM	60	10	600
18	Supplying and fixing compression type gland complete with brass gland brass ring for dust and moisture proof entry of XLPE/ PVC armoured cable as 25 sq mm 4 core (F-4 item no-7)	Each	162	1	162
19	Finishing the end of following XLPE/PVC armoured cables by crimping method incl supplying and fixing solderless socket (Dowels make) tapes, anticorrosive paste and jointing materials (F-5, item no-8-b)	Set	115	1	115
	4 core 25 sq mm				0
20	Fixing only TPN MCBDB In sheet steel enclosure on flat iron frame on wall (C1, item no-4)	Each	230	1	230
21	Fixing only sheet steel main switch on flat iron frame on wall 63Amps,415V (C1, item no1)	Each	215	1	215

Total Basic cost	131860
GST on A @ 12%	15823.2
Total tentative basic cost + GST (A+B)	147683.2
Total Cost	Rs 147683

Atul Datta



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-46 /20-21 Dated 13 / 07/ 2020
2.	Name of Work	:	URGENT ELECTRICAL RESTORATION WORK OF DAMAGES CAUSED BY THE CYCLONE AMPHAN IN ROOM NO-8 ,Gr Floor, DEPARTMENT OF CHEMISTRY, PALIT BUILDING,RAJABAZAR SCIENCE COLLEGE,CU , KOL-9
3.	Estimated Cost put to Tender	:-	Rs 108410.00
4.	Earnest Money Deposit(EMD)	:-	A sum of Rs5450/- (Rupees Five Thousand and four 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. . EMD will be exempted for those bidders who are registered with NSIC or MSME subject to the submission of valid and authorized NSIC/MSME certificate of similar nature of work with the tender documents.
5	Bid validity period	:	60(sixty) days after opening of the tender.
6	Time of completion	:-	30days
7	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. Amounting The intending bidder must attach the photo-copies of all the relevant documents such as 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 years in Government, or Government Undertaking or University of Calcutta with the tender documents and drop the sealed envelope in to the tender box kept at office of the undersigned. Only completion certificate of the work will be considered as Credential of works. Original documents may be asked for verification of technical checking on the date of tender opening. Failing to produce original documents, the tender will be rejected.
8.	Last date of Sale/ issue of tender papers	:	TO BE DOWNLOADED FROM UNIVERSITY WEBSITE.(www. caluniv.ac.in) IN TENDER NOTICE
9.	Last Date and Time of tender Submission	:-	Dully filled and signed tender/quotation to be submitted on 20.07.2020(up to 2.00 PM) in to the Tender Box kept in the Office of the University Engineer
10.	Date and Time of Tender Opening	:-	At or after 3:00 PM on 20.07.2020 the Office of the University Engineer. Intending bidders are requested to be present at the time of opening tenders/quotations.

N.B:

(i) N.I.T /NIQ no ,Name of work, name of the bidder and the date of opening tender/quotation should be written on the sealed envelope, failing which the tender/quotation will not be opened and thus cancelled.

(ii)The undersigned reserves the right to reject any or all Tenders/quotations without assigning any reason what so ever.

University Engineer C.U.



N. I.T. no- Eng /ET 46 /20-21 **Dated** 13 / 07/ 2020

Name of the work- URGENT ELECTRICAL RESTORATION WORK OF DAMAGES CAUSED BY THE CYCLONE AMPHAN IN ROOM NO-8 ,Gr Floor, DEPARTMENT OF CHEMISTRY, PALIT BUILDING,RAJABAZAR SCIENCE COLLEGE,CU , KOL-9

Estimated cost Put to Tender:-Rs108410.00

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 /ET46 /20-21 **Dated** 13 / 07/ 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. **Time Extension:** The allotted time for completion of the work is 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.



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

6. Earnest Money Deposit : Depending on the type of goods to be purchased or work to be done, Earnest Money Deposit (EMD), also known as Bid Security, may be obtained from the bidders-except those who are registered with National Small Industries Corporation (NSIC) or MSME to safeguard against a bidder withdrawing/altering his bid during the bid validity period. The bidders are required to furnish Earnest Money Deposit (EMD) along with their bids. The Earnest Money Deposit (EMD) should be accepted in the form of Account Payee Demand Draft, Banker's Cheque or a Bank Guarantee in acceptable form from any of the Nationalised Banks, safeguarding the purchaser's interest in all respects. The Earnest Money Deposit (EMD) shall remain valid for a period of sixty days beyond the final tender validity period. The Bid Validity Period may be extended if required.

7. Refund of Earnest Money Deposit (EMD): Earnest Money Deposit (EMD) furnished by all unsuccessful bidders should be returned to them without any interest whatsoever, at the earliest after the expiry of the final bid validity period but not later than forty five days after the award of the contract. Earnest Money Deposit (EMD) of the successful tenderer should be returned, without any interest whatsoever, after deduction of security deposit @10% from his/her Running /final bill.

8. Forfeiture of Earnest Money Deposit (EMD): Earnest Money Deposit (EMD) of a tenderer shall be forfeited, if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of his tender. Further, if the successful tenderer fails to furnish the required performance security within the specified period, his Earnest Money Deposit (EMD) shall be forfeited.

9. Additional Performance Security: 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.

10. Refund of Additional Performance Security: Performance Security should be refunded to the supplier without any interest, whatsoever, after he duly performs and completes the contract in all respects but not later than sixty days of completion of all such obligations under the contract.

11. Forfeiture of Performance Security: Performance security is to be forfeited and credited to University of Calcutta in the event of a breach of contract by the tenderers, in terms of the relevant contract.

12. Verification of the Bank Guarantees: Bank Guarantees submitted by the tenderers as Earnest Money Deposit (EMD)/Performance Security need to be immediately verified from the issuing bank before its acceptance, through written communication.



13. **Security Deposit:** 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.

14. **EMD and Additional Performance security(If applicable) should be paid in favour of UNIVERSITY OF CALCUTTA payable at Kolkata .EMD must be attached with the tender in sealed envelope, failing which the tender will be treated as cancelled.**

15. EMD Amount:-Rs

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

Name of Issuing Bank:--

B ranch :-

16. 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.

17. 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.

18. The rates must be quoted in words and in figure, otherwise the tender will be cancelled.

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

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

21. 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 .

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

23. Defect & liability Period :- The defect & liability period will be for a period of 6(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 his/her own cost, failing which the retention money will be forfeited.

24. After issuing the work order to the successful tenderer, if he fails to commence the work or unable to complete the work, then the EMD /Performance security amount of the said tenderer will be forfeited and no claim will be entertained.

Sd/-

University Engineer

Name of the Agency:

Address :-

SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE:



Eng /ET 46 /20-21 Dated 13 / 07/ 2020

Price Schedule

URGENT ELECTRICAL RESTORATION WORK OF DAMAGES CAUSED BY THE CYCLONE AMPHAN IN ROOM NO-8 ,Gr Floor, DEPARTMENT OF CHEMISTRY, PALIT BUILDING, RAJABAZAR SCIENCE COLLEGE, CU , KOL-9					
Schedule Followed PWD schedule 2017 & Present Local Market Price					
Item No	Description of Items	Unit	Rate	Qty	Amount

1	Distn wiring in 1.1 KV single core stranded FR" PVC insulated & Unsheathed copper wire in 20 mm size PVC rigid conduit FR (Precision/ Presto make) incl necessary fittings as required (Page no-E-14 item no-1a-I & ii)				
	i) 2X 2.5 +1x 1.5	Metre	119	45	5355
	ii) 2X6+1X4	Metre	193	10	1930
	iii) 4X10+2X6	Metre	493	15	7395
	iv) 2x4+1X2.5	Metre	149	30	4470
2	Supply and fixing 240V, 3 nos 6A & 1 nos 20A plug socket with seperate 2 nos 6A & 2 nos 20A piano key type switch, indicator & 20A switch type SP MCB (Brand approved by EIC) on sheet metal switch board embedded in wall icl supply and fixing 240x200x65mm MS switch board and bakelite top cover of 3mm thick by brass screws after making housing for switch by cutting bakelite cover and maling necessary connections as required (Page no-E7/ Item no-26)	No	752	1	752
3	Supplying and fixing 240/415 V MCB of breaking Capacity 10KA & C Characteristics on din rail of existing DB and necessary Connection (D-6, Item no-7)				
	i) 40A TP MCB Make-Havells	Each	1089	5	5445
	ii) 40A DP MCB Make-Havells	Each	703	4	2812
	iii) 6-32A SP MCB Make-Havells	Each	168	10	1680
	iv) 10A DP MCB Make-Havells	Each	478	5	2390
4	MCB Enclosure 2 way K1, Item no-7	Each	220	4	880
5	MCB Enclosure 4 way, K1, Item no-8	Each	266	3	798
6	Supplying and fixing double door SPN MCB Distribution Board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl inter connection with suitable size of copper wire and neutral link & provision for earthing attachment Make-Havells, 2+8 Way, Enclosure (DHDMSNHOS108) (Page no D-10, item no-13)	Each	1197	1	1197
7	Supply and fixing 240V,25A modular type socket, 25A 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 supply and fixing switch board and cover plate and making necessary connections with PVC Cu wire and earth continuity wire etc. (Page no-E-19, Item no-18)	No	1047	2	2094
8	Supply & connection of 25A 3 pin plug top (Page no-K-3,item no-113)	Each	120	2	240

9	Analog Air conditioner timer for 2 AC (2T each machine) with DIP switch which is controls/ protects two air conditioners, Auto/ Manual mode selection, Protection against over voltage , under voltage with indication (As per market schedule)	Each	4500	1	4500
10	Supplying and fixing compression type gland complete with brass gland , brass ring for dust and moisture proof entry of XLPE/ PVC armoured cable as 25 sq mm 4 core (F-4 item no-7)	Each	162	1	162
11	Finishing the end of following XLPE/PVC armoured cables by crimping method incl supplying and fixing solderless socket (Dowels make) tapes, anticorrosive paste and jointing materials (F-5, item no-8-b)	Set	115	1	115
12	Supplying and fixing 415V , 100A four pole MCCB of breaking capacity 25KA/ 35 KA with fixed thermal and fixed magnetic / adjustable thermal and fixed magnetic setting in existing DB and necessary connection release Make-Havells (D8, item no-10)	Each	4982	1	4982
13	LED Batten Type- TMC 501 P 2XT-LED 22W P 3242	Each	600	8	4800
14	LED Lamps-Type-MAS LED TUBE 1200mm 18W 865 T81	Each	900	16	14400
15	Fixing only light fitting complete with all accessories directly on wall with round block & suitable size of fastner,Ceiling plate,nipples etc as required (Page no-C-2 item no-14-d)	Each	90	8	720
16	Supplying and fixing double door vertical TPN MCB Distribution board for MCCB incomer with IP-42/43 protection, on angle iron frame on wall and mending good the damage to original finish incl inter connection with suitable size of copper wire and neutral link and provision for earthing attachment. Make-Havells. 8 way Enclosure (DHDLVDRWA0F008) (D-12, ITEM NO-15)	No	9439	1	9439
17	Direct on line starters in sheet steel enclosure Type- MK-1, Relay range- 11-18A, SS96211 Make- L & T	Each	2000	1	2000

18	Distn wiring in 1.1 KV grade 2X22/0.3 (1.5 sq mm) single core stranded FR PVC insulated & unsheathed copper wire in 20 mm size PVC rigid conduit FR (Precision Make) with 1x22/0.3 (1.5 sq mm) single core stranded FR PVC insulated & unsheathed copper wire for ECC to light/ fan/call bell points with piano key type switch (Anchor make) fixed on MS CRC sheet metal (SWG) switch board cum JB on wall complete with 2 nosuitable size Ph & N copper bar incl bakelite top cover 3 mm thick and incl 175 mm x100 mm x 65 mm inspection box,making earthing attachment,painting the MS box and mending good the damage to original finish (Page no-E-14, item no-2)				
	i) Average run 8 mts	No	849	5	4245
	ii) Average run 10 mts	No	1007	3	3021
19	Dismantling the existing Electrical wiring	LS	500		500
20	Supplying and fixing compression type gland complete with brass gland , brass ring for dust and moisture proof entry of XLPE/ PVC armoured cable as 25 sq mm 4 core (F-4 item no-7)	Each	162	1	162
21	Finishing the end of following XLPE/PVC armoured cables by crimping method incl supplying and fixing solderless socket (Dowels make) tapes, anticorrosive paste and jointing materials (F-5, item no-8-b)	Set	115	1	115
	4 core 25 sq mm				
22	Excavation of soil for installation of earth electrode and filling and ramming for soft soil	Cu mtr	215	6	1290
23	Earthing with 50 mm dia GI pipe 3.64 mm thick x3.04 Mts long and 1x4 SWG GI (Hot Dip) wire (4 Mts long), 13 mm dia x 80 mm long GI bolts, double nuts,double washers incl supply and fixing 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
24	Extra for providing masonry enclosure on the top of the earth electrode of overall size 86.36 cm x 86.36 cmx46 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 x35.56 cm with locking arrangement, GI reducer including drilling of 46 nos 12 mm dia holes on the GI pipe	Item	915	2	1830
25	Extra for treatment of soil by using salt and charcoal or coke for pipe earthing	Item	531	2	1062
26	Connecting the equipments body to earth busbar including supply and fixing 25 mm X 6 mm galvanised (Hot dip) MS flat on wall/ floor with GI saddles as required and connection to equipments incl drilling	Mtr	138	20	2760

	holes,with bolts,nuts,washer etc.				
27	Connecting the equipments to earth busbar including Supply and fixing GI 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. Solid GI wire- i) No 6 SWG	Mtr	9	40	360
28	Supplying and fixing earth busbar of galvanized 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 as required	Mtr	156	1	156
	A) Total Tentative basic cost				96795
	B) GST on A @ 12%				11615
	Total tentative basic cost + GST (A+B)				108410
	Name of the Agency				
	Address of the Agency				
	Rate Quoted by the Agency				
	Signature of the agency with date				