



UNIVERSITY OF CALCUTTA

Office of the Engineer  
Darbhanga Building  
87/1 College Street  
Kolkata- 700073

NOTICE INVITING QUOTATION

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

1.	N.I.T. No	:	Eng/EQ-490/19-20	Dated:27/02/2020
2.	Name of Work	:	Comprehensive annual maintenance of 11nos. room air conditioners (split type) in Cash Section, College Street Campus, University of Calcutta.	
3.	Estimated Cost put in quotation	:-	x	
4.	Earnest Money	:-	A sum of 5% of quotation value 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. EMD is exempted for those bidders who are registered with NSIC or any Government organization- to safeguard against a bidder withdrawing/altering his bid during the bid validity period	
5.	Time of completion	:-	(1+1+1)years from the date of issue of work order.	
6.	Eligibility Criteria	:-	Valid trade License , GST & Pan and credential for satisfactory completion of similar nature of job. Amounting 75 % of the estimated value in a single tender in the last three financial year . Government, Government Undertaking and University of Calcutta credentials are accepted. (Only completion certificate of the work should be treated as Credential.	
7.	Issue of tender papers	:-	TO BE DOWNLOADED FROM WEBSITE ( <a href="http://www.caluniv.ac.in">www.caluniv.ac.in</a> ).	
8.	Last Date and Time of tender submission	:-	06/03/2020 (up to 2.00 PM)	
9.	Date and Time of tender opening	:-	On 06/03/2020 (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, CU, can accept or reject any tender without assigning any reason whatsoever

UNIVERSITY ENGINEER (C.U)



# UNIVERSITY OF CALCUTTA

NOTICE INVITING TENDER No: Eng/EQ-490/19-20 Dated: 27/02/2020

Name of the work: -Comprehensive annual maintenance of 11nos. room air conditioners (split type) in Cash Section, College Street Campus, University of Calcutta.

Name of Agency:-

Address of Agency:-

Rate quoted by Agency: - .....

Signature of the Agency with date & stamp:-



# UNIVERSITY OF CALCUTTA

Tender No: - Eng/EQ-490/19-20

Dated: 27/02/2019

## TENDER AND CONTRACT FOR WORK

### GENERAL TERMS AND DIRECTION FOR THE GUIDANCE OF CONTRACT

1. Eligible Tenders will have to download the tender papers from the website & drop the filled tender papers signed with seal and date at every page along with copy of Valid Trade license's, GST & PAN and Credential for satisfactory completion of similar nature of job amounting to at least seventy five percent of the job value in a single tender from any Government, Govt. undertaking or University of Calcutta in the last three financial year(only completion certificate of the work should be treated as Credential) in sealed envelope in the Tender box kept in the Office of the undersigned. The tendered must write the name of the work, NIT no, the date of opening and name of the bidder on the envelop failing which the tender will not be opened thus will be treated as cancelled.
2. The rate should be quoted after inspection of the site and inclusive of all incidental charges i.e. freight, insurances, labour insurances, handling charges, necessary government taxes, duties etc. as well as the Water, Electricity charges which are to be paid as per rules.
3. The contractor shall be responsible to ensure compliance with the provision of minimum wages act 1948 as modified up to date and the rules made in respect of any employees, employed by the contractor directly or through the petty or subcontractor for the purpose of carrying this contract. The contractor shall be responsible for any damage, injury or loss caused by the work or workmen to any person, animal or material during the progress of work.
4. Liquidated damage will be charged to the contractor if they fail to complete the work within the stipulated time, 0.01% per day to a maximum limit of 10 % of the contract value.
5. The allotted time for completion of the work is(1+1+1) 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. 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 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.

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

Name of Issuing Bank:--

Branch :-

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.



Sd/-

University Engineer

Name of the Agency:-

Address:-

Signature of the contactor with seal & date:



BOQ for the comprehensive annual maintenance of 11nos. room air conditioners (split type) in Cash Section, College Street Campus, University of Calcutta.

Tender No: - Eng/EQ-490/19-20

Dated: 27/02/2020

Sl. No.	Location	No. of machines	Basic Amount(Rs) For 1year	Amount with taxes (Rs) for 1year	Amount with taxes (Rs) for 3years.
1.	Cash Section, College Street campus, CU	11nos. (Split Type)			

**Terms & Conditions:**

- 1) Routine maintenance & health checkup of all the machines should be done every month.
- 2) All machines are required to be overhauled quarterly & filter of each machine to be cleaned every month.
- 3) Agency will have to provide contract numbers for lodging complain & should have to attend any fault within 2hrs. of lodging complain.
- 4) Agency should have to maintain proper log book & have to be signed after each fault repairing/routine checkup/overhauling.
- 5) Agency will have to provide all necessary safety gazettes to his staff /technicians. University of Calcutta will not take any responsibility for any unwanted incidents.
- 6) Agency should have to engage experience & sound technicians for the job.
- 7) Agency should have to provide necessary insurances for his technicians.
- 8) Payment will be made after successful completion of the work against bill raised by the agency or as per CU norms.
- 9) Comprehensive maintenance means providing all spare parts required to make the machine healthy along with gas filling, copper/water pipe line, condenser & etc. including compressor.
- 10) University Engineer, CU, reserves the right to reject any or all quotations/tenders & may terminate the work any time without assigning any reason what so ever.

Rate quoted by agency in figure & words:

Signature of the contracture with seal and date:



UNIVERSITY OF CALCUTTA

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Darbhanga Building  
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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-489/19-20	Dated: 27/02/2020
2.	Name of Work	:	Electrical renovation work in the two rooms of Establishment Section-A, 3 <sup>rd</sup> floor, Darbhanga Building adjacent to Library Hall, College Street Campus, CU.	
3.	Estimated Cost put to Tender	:-	Rs162486.00 including Taxes	
4.	Earnest Money	:-	A sum of Rs8200.00 (Rupees Eight Thousand Two Hundred Only) in the form of CTS demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the successful bidder. In case of successful tender the EMD will be returned on application after an equal amount of security deposit is deducted by the University from the running bills/final bill as per norms. EMD is exempted for those bidders who are registered with NSIC or any Government organization- to safeguard against a bidder withdrawing/altering his bid during the bid validity period.	
5.	Time of completion	:-	45days	
6.	Eligibility Criteria	:-	Valid trade License , GST & Pan and credential for satisfactory completion of similar nature of job. Amounting 75 % of the estimated value in a single tender in the last three financial year . Government, Government Undertaking and University of Calcutta credentials are accepted. (Only completion certificate of the work should be treated as Credential.	
7.	Last date of Sale/ issue of tender papers		To be downloaded from <a href="http://www.caluniv.ac.in">www.caluniv.ac.in</a>	
8.	Last Date and Time of tender Submission	:-	06/03/2020 ( up to 2.00 PM)	
9.	Date and Time of Tender Opening	:-	06/03/2020 (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, CU, can accept or reject any tender without assigning any reason whatsoever

UNIVERSITY ENGINEER (C.U)



# UNIVERSITY OF CALCUTTA

NOTICE INVITING TENDER No:Eng /ET-489/19-20

Dated: 27/02/2020

Name of the work: Electrical renovation work in the two rooms of Establishment Section-A, 3<sup>rd</sup> floor, Darbhanga Building adjacent to Library Hall, College Street Campus, CU.

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-489/19-20

Dated: 27/02/2020

## 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, 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:

Tender No: - Eng /ET-489/19-20

Dated: 27/02/2020

Specific price schedule for the electrical renovation work in the two rooms of Establishment Section-A, 3<sup>rd</sup> floor, Darbhanga Building adjacent to Library Hall, College Street Campus, CU.

Pages: 1 to 4

Sl.No	Description	Quantity	Unit Rate(Rs)	Amount(Rs)
1.a.	Distribution point wiring with 2x1sq.mm PVC insulated FR/HRFR 1100V grade (Havells/ Finolex make) single core copper conductor conforms to IS:694 in 20mm size PVC casing & capping/rigid conduit pipe (Prestoplast/Precision make) with all accessories as required to light/fan/call bell points with Modular type switch (Brand approved by EIC) fixed on Modular GI / PVC switch board with top cover plate on wall with all necessary connections including mending good damages to original finish. [PVC casing capping/rigid conduit and switch board both on surface] (As per market price basis.)	18nos.	625.00	11250.00

b.	Supply & Fixing 240V, 6A, 5pin Modular type plug socket without plugtop& 6A Modular type switch (Brand approved by EIC), on existing surface mounting Modular type switch board with topcover plate and making necessary connections with PVC Cuwire and earth continuity wire etc. all complete. [Rate as PWD schedule 2017, page no. E17, item no.3 (a) & 4(a) basis.]	2nos.	202.00	404.00
c.	Supply & Fixing 240V, Modular Socket (2 Module) type fanregulator (Step type) (Brand approved by EIC) on existing Modular GI switch board with top cover plate incl. makingnecy. connections etc. (As per PWD schedule2017 in pages E18 item no.10 basis.)	6nos.	387.00	2322.00
d.	Supplying new premium ceiling fan 220V, 50Hz, 1400mm sweep,antidust, model-New breeze, Orient make. (As per Orient price list 2017)	6nos.	2160.00	12960.00
e.	Supply & Fixing 240V, 4nos. 6A, multi pin Modular type plug socket with 4nos. 6A Modular type switch (Brand approved by EIC), 16A Modular switch type MCB (C-Curve)/Fuse andIndicator without plug top on 2 row 18 Module GI Modular type switch board with 2 row 18 Module top cover plate flushed inwall incl. S&F switch board and cover plate and making necy. connections with PVC Cu wire and earth continuity wire etc. (Rate as per PWD schedule 2017 page no. E18, item no.12).	13nos.	1691.00	21983.00
f.	Supply & Fixing 240V, 16A, & 6A, multi pin Modular type plugsocket (Brand approved by EIC) with 16A & 6A Modular typeswitch, without plug top on 6Module GI Modular typeswitch board with 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 wireetc. [As per PWD schedule 2017, page no. E18 item no. 9basis.]	1no.	833.00	833.00
g.	Supplying only fluorescent light fittings Philips make Cat no. TMC501 P 2xT-LED mounting rail for TLED lamps. (As per Philips price list 2017 basis.)	12nos.	600.00	7200.00
h.	Supplying 20WLED tube Philips makes, for the above fittings. (As per Philips price listbasis.)	24nos.	350.00	8400.00
2.	Supplying 2x2.5sqmm & 1x1.5sqmmPVC FR/HRFR1100V grade stranded single core copperconductor conforms toIS:694(Havells/ Finolex make) in PVC rigid conduit/casing & capping (Prestoplast /Precision/ISI make)with all accessories as required & embeddedon wall/surface along with necessaryconnections.	242m	119.00	28798.00

	[As per PWD schedule 2017, page no. E14 item no. 1(a) basis.]			
3.a.	Supplying & fixing 415V, 6way TPN MCB DB horizontal with SS enclosure DD, Havellsmake with IP42 protection on angle/flat iron frame& mending good damages to original finish including inter connection with suitable size copper wire & neutral link & provision for earthing attachment. (As per PWD schedule 2017, page no.D11, item no.14 basis.)	1no.	2998.00	2998.00
b.	Supplying & fixing 63A, FP MCB isolator, Havells on din rail of existing MCB DB & necessary connections. (As per PWD schedule 2017, page no.D6, item no.6 basis.)	1no.	687.00	687.00
c.	Supplying DP MCB 6-32A, C series, conforms to IS, Havells make on din rail of existing MCB DB & necessary connections. (As per PWD schedule 2017, page no.D6, item no.7 basis.)	8nos.	478.00	3824.00
d.	Supplying SP MCB 6-32A, C series, conforms to IS, Havells make on din rail of existing MCB DB & necessary connections. (As per PWD schedule 2017, page no.D6, item no.7 basis.)	12nos.	168.00	2016.00
e.	S&F sheet steel cable end boxes on TPN switch fuse unit with nuts, bolts & etc. including powder coated painting. (As per PWD schedule 2017, page no.D5, item no.5 basis.)	1no.	542.00	542.00
f.	Supplying and fixing 2way MCB SS enclosure (ISI make) 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. (As per PWD schedule 2017, page no.D9, item no.11 basis.)	8nos.	270.00	2160.00
g.	Supplying 63A, 415V, TPN, switch fuse unit rewirable type in sheet steel enclosure conforms to IS, Havells/Standard make. [As per PWD schedule 2017, page no.D1, item no. 1(a) basis.]	1 no.	3568.00	3568.00
h.	Supplying of DOL starter in sheet-steel enclosure type MN 65 DOL, 415V, 50Hz, 3-Ph, relay range 45-75A, L&T make. (As per L&T price list 2017basis.)	1no.	17345.00	17345.00
i.	Fixing of DOL starter along with necessary connections with all required. (As per PWD schedule 2014 basis.)	1no.	232.00	232.00
4.a.	Supplying 4core 25sqmm PVC/XLPE insulated armoured power cable 1100V grade with aluminium conductors, Glostermake, conforms to IS with latest amendments. (As per Havells price list 2017 basis.)	20mtrs.	175.00	3500.00

b.	Laying of above cables on wall/ surface including S&F MS clamp with earthing attachment in 2x10 SWG GI wire, making holes etc. as necessary & mending good damages (As per PWD schedule 2017, page no.F1, item no.2b basis.)	20mtrs.	60.00	1200.00
c.	S&F compression type gland complete with brass gland, brass ring & rubber ring for dust & moisture-proof entry of the above cable. (As per PWD schedule 2017, page no.F4, item no.7d basis.)	2nos.	162.00	324.00
d.	Finishing the end of the abovearmoured cable by crimping method including s/f solderless socket (Dowels make), insulated tapes etc. & jointing materials & making connection to the switch. (As per PWD schedule 2017, page no.F5, item no.8b basis.)	2nos.	115.00	230.00
5.a.	Fixing only ceiling fan complete with blades, canopy, fork, rubber bush etc. incl. S&F connecting wire for down rod including painting the rod with approved paint and making necessary connection as required by 2x1.5sqmm flexible copper wire. (As per PWD schedule 2017, page no.C3, item no.21a basis.)	6nos.	66.00	396.00
b.	Fixing only fluorescent light fittings suspended 25cm below the ceiling with 2 nos. 20mm dia. E.I. conduits, ball socket/ socket type ceiling plates & necessary connections with pvc copper conductors. (As per PWD schedule 2017, page no.C2, item no.15 basis.)	12nos.	214.00	2568.00
c.	Extra for suspension exceeding 25cm with supplying & fixing additional 2nos. 20mm dia. E.I. conduit supports & necessary PVC insulated wire & painting etc. as required. (As per PWD schedule 2017, page no.C2, item no.16 basis.)	21mtrs.	155.00	3255.00
d.	Extra for suspension ceiling with supply necessary down rod along with all required & connections. (As per PWD schedule 2017, page no.C3, item no.21b basis.)	9m	44.00	396.00
e.	Extra for supplying additional wire for the down rod & painting the rod exceeding 30cm by 2x1.5sqmm flexible copper wire. [As per PWD schedule2017 in pages C3 item no.21 (b) basis.]	30m	44.00	1320.00
f.	Cutting Channel of size (40 mm x 40 mm) on masonry wall by electric operated cutting machine incl. supplying & fixing heavy gauge 19 mm, 3 mm thick Polythene pipe by means ofanchoring chemical (Hilti/Sika) and GI 'U' hooks of 8 SWG incl. supplying and drawing 18 SWG GI wire as Fish wire and mending good damages to original finish by using own toolsand tackles19 mm dia 3 mm thick	36m	63.00	2268.00

	polythene pipe without earth continuity wire. (As per PWD schedule 2017, page no.E3, item no.6 basis.)			
6.	Labour charges for dismantling of the old electrical wirings, fittings & accessories as required & depositing the same to the authority. (As per Labour Commissioner Circular dated 22.06.18)	(1S+1US)	661.00	661.00
Total estimated amount:				143640.00
Add: 12% GST as per rules:				17236.80
				160876.80
Add: 1% Labour Welfare Cess:				1608.76
Total amount including taxes:				162485.56
				Say=162486.00

Quoted rate in figures & words:

Signature with date & stamp: