



University of Calcutta

ITEM RATE E-TENDER

**ENGINEERING DEPARTMENT
DARBHANGA BUILDING**

87/1 College Street
Kolkata - 700073

University of Calcutta

Notice Inviting e-Tender

(Bidding through e-tendering mode only)

E-Tender No. : E-tender/Eng/EQ-314/25-26

Dated: 06.11.2025

The University of Calcutta invites e-tenders for the following work from experienced & bonafide firms/ organizations having credential of similar nature of work in any Government/ Semi-Govt./State Aided University/Autonomous Govt. aided Institution.

Name of Work: Electrical work in the Unit Operation Laboratory, Department of Chemical Engineering, Rajabazar Science College Campus, CU.

- 1) **Earnest Money (EMD):** Rs 796990.29 /- only. **(To be deposited Online).**
- 2) **Exemption of EMD is not allowed in any case.**
- 3) No interest will be paid on the EMD (if any).
- 4) **Estimated Cost put to Tender of Rs.15900.00(Including all taxes) (Approx).**
- 5) **Completion time of the work:** 60 days from the date of issuing work order.
- 6) **Bid Validity Period:** 180 days.
- 7) **Name of the Concerned Department:** Office of the University Engineer Darbhanga Building, 87/1 College Street Kolkata- 700073, University of Calcutta.
- 8) **Eligibility criteria for participation in the tender (up to date as on date):**
 - I. The intending bidder must attach the photo-copies of all the relevant documents such as Valid Trade License , P.Tax, GST & Pan and credential for satisfactory completion of **similar nature of job amounting to 75% of the estimated value** in a single tender in the last three (03) financial years in Government, or Government Undertaking or any State Aided University. **Only completion certificate of the work will be considered as Credential of works.** Original documents **(up to date as on date)** may be asked for verification of technical checking on the date of tender opening. Failing to produce original documents, the tender will be rejected.

N.B: – Completion certificate should contain a) Name of work, b) Name and address of Client, c) Amount put to tender, d) Date of commencement of work e) Date of completion of work.

- II. The bidder must have credentials (only completion certificate is valid) of similar nature of work in State aided University/ State Govt. Departments/ semi-Govt. Departments. Failing which, the bidder will be rejected.
 - III. The bidder must have a registered office in Kolkata or its surrounding districts in West Bengal. A copy of the address proof as per GST is to be submitted with the tender documents.
- 9) **BOQ for the respective work should be uploaded along with valid trade license, P.tax, PAN, GST & completion certificate for last 03 financial years etc. (up to date as on date) including above mentioned documents. Failing which, the bidder will be rejected.**
 - 10) Consortium is not allowed and No Partial Quote will be accepted.
 - 11) **Time Extension:** Time is the essence of the contract, generally no time of extension will be allowed. But, in case of Force Majeure, the extension of time may be considered on the basis of actual situation and subject to consideration of the Tender Inviting Authority.
 - 12) **Liquidated damage:** 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 .
 - 13) **Defect & Liability Period:** The defect & liability period will be for a period of manufacturer guarantee from the date of completion of the job. Any defects pointed out during said period has to be mending good damages by the agency at their own cost failing which the retention money will be forfeited.
 - 14) **No extra payment will be paid beyond the tendered amount.**
 - 15) The Tender Inviting Authority reserves the right to accept or reject any tender without assigning any reasons.
 - 16) **The intending bidder must quote all items on the BOQ, failing which his/her tender, will be cancelled. The Bidder should inspect the site for the mentioned work before bidding of the tender.**
 - 17) **B.O.Q:-**

BOQ for electrical work in the Unit Operation Laboratory, Department of Chemical Engineering, Rajabazar Science College Campus, CU.

SI No.	Description	Quantity	Unit Rate(Rs)	Amount(Rs)
1.a.	Supplying only fluorescent light fittings Philips make Cat no.TMC 501 P 2xT-LED 22W P3242mounting rail for TLED lamps.	15nos.		
b.	Supplying only fluorescent light fittings Philips make Cat no.TMC 501 P 1xT-LED 22W P3242mounting rail for TLED lamps.	24nos.		
c.	Supplying 20WLED tube Philips makes, for the above fittings.	54nos.		
d.	Supply & Fixing 240V, 3nos. 6A, & 1no. 16A, multi pin Modular type plug sockets with Modular type switches (Brand approved by EIC), 16A Modular switch type MCB (C-Curve) /Fuse and Indicator without plug top on 2 row 18 Module GI Modular type switch board with 2	40nos.		

	row 18 Module top cover plate flushed in wall incl. S&F switch board and cover plate and making necy. connections with PVC Cu wire and earth continuity wire etc.			
e.	Supply & Fixing 240V, 6A, 5pin Modular type plug socket without plug top & 6A Modular type switch (Brand approved by EIC), on existing surface mounting Modular type switch board with top cover plate and making necessary connections with PVC Cu wire and earth continuity wire etc. all complete.	10nos.		
f.	Supplying new 230V, 50Hz, 1200mm sweep, economy ceiling fan, model-Arctic Air, Orient/ Crompton Greaves make or equivalent.	2nos.		
g.	Supply & Fixing 240 V, 25A Modular type socket, 25A, Modular type starter (Brand approved by EIC) with 25A Modular switch type DP MCB (C-Curve) and (4+2) Module GI Modular type switch board with (4+2) Module top cover plate flushed in wall incl. S&F switch board and cover plate and making necy. connections with PVC Cu wire and earth continuity wire etc.	6nos.		
2.	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 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.	70nos.		
3.a.	Supplying and fixing double door Vertical TPN MCB Distribution board 8way for MCCB incomer with IP-42/43 protection, on angle iron frame on wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment Legrand or equivalent make.	2nos.		
b.	Supplying and fixing double door horizontal TPN MCB Distribution board 4way for MCCB/ Isolator incomer with IP-42/43 protection, on angle iron frame on wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment Legrand or equivalent make	3nos.		
c.	Supplying and fixing double-door SPN MCB Distribution Board (2+8) way Legrand or equivalent make 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.	3nos.		
d.	Supplying and fixing 415 V, 125A, Four Pole MCCB Legrand or equivalent make of breaking capacity 25kA/35kA with fixed thermal and fixed magnetic / adjustable thermal and fixed magnetic setting in existing DBs / enclosure and necessary connection.	1no.		

e.	Supplying and fixing 240/415 V MCB Legrand or equivalent make of breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection i) 32A, TP, MCB ii) 6-32A, SP, MCB	12nos. 60nos.		
f.	Supplying and fixing 240/415 V MCB Isolator 40A, DP, Legrand or equivalent make on din rail of existing DBs and necessary connection.	3nos.		
g.	Supplying and fixing 415 V MCB Isolator 40A, FP, Legrand or equivalent make on din rail of existing DBs and necessary connection.	3nos.		
h.	Supplying and fixing 415 V MCB Isolator 100A, FP, Legrand or equivalent make on din rail of existing DBs and necessary connection.	2nos.		
4.	Supplying and fixing 63A, 415V, TPN SFU rewirable type with sheet steel enclosure on flat iron/angle iron frame on wall with nuts bolts etc incl. S & F 3nos. DIN type HRC fuses.	2nos.		
5.a.	Supplying & fixing iron beam fan clamp of two piece type, as per approved specification, fabricated from 40 mm x 9 mm MS sheet flat suitable for beam having flange upto 150 mm wide& also for the fluorescent light fittings by GI clamp.	20nos.		
b.	Fixing only fluorescent light fitting suspended 25 cm below the ceiling with 2 No. 20 mm dia EI conduits (14 SWG) supports incl. S&F EI conduit, ball socket/socket type ceiling plate and connecting the length of PVC insulated copper wire and painting etc. as required.	15nos.		
c.	Extra for suspension exceeding 25 cm with S&F additional 2nos. 20 mm dia. EI conduit (14 SWG) supports & necessary PVC insulated copper wire and painting etc. as required. (As per PWD schedule 2017 in pages C2 item no. 16 basis.)	30m		
d.	Fixing only single/twin fluorescent light fitting complete with all accessories as required directly on wall/ceiling/HW block and suitable size of MS fastener etc. as required.	24nos.		
e.	Fixing the wall mounting fan on wall along with all required & necessary connections.	6nos.		
f.	Fixing only ceiling fan complete with blades, canopy, fork, rubber bush etc. incl. S&F connecting wire for down rod up to 30 cm incl. painting the rod with approved paint and making necessary connection as required by flexible copper wire.	10nos.		
g.	Extra for suspension ceiling with supply necessary down rod along with all required & connections.	20m		
6.a.	Supplying 415V, 50Hz, 3phase, MN16 DOL 1phase starter in sheet steel enclosure, relay range 9-15A L&T or equivalent make & fixing the same along with necessary connections as required with copper conductor.	3nos.		
b.	Supplying 415V, 50Hz, 3phase, MN45 DOL 3phase starter in sheet steel enclosure, relay range 30-50A L&T or equivalent make & fixing the same along with necessary connections as required with copper conductor.	3nos.		
7.a.	Supplying of 1.5sqmm 3core multicore round FR	700m		

	PVC insulated copper conductor (sheathed) flexible cables 1100V conforms to IS: 694 Havells or equivalent make & laying in ISI make PVC rigid conduit along with all required & necessary connections.			
b.	Supplying of 2.5sqmm 3core multicore round FR PVC insulated copper conductor (sheathed) flexible cables 1100V conforms to IS: 694 Havells or equivalent make & laying in ISI make PVC rigid conduit along with all required & necessary connections.	800m		
c.	Supplying of 4sqmm 3core multicore round FR PVC insulated copper conductor (sheathed) flexible cables 1100V conforms to IS: 694 Havells or equivalent make & laying in ISI make PVC rigid conduit along with all required & necessary connections.	300m		
d.	Supplying of 6sqmm 3core multicore round FR PVC insulated copper conductor (sheathed) flexible cables 1100V conforms to IS: 694 Havells or equivalent make & laying in ISI make PVC rigid conduit along with necessary connections.	300m		
e.	Supplying the following PVC FR/HRFR 1100V grade stranded single core copper conductor conforms to IS:694(Havells/Finolex/ISI make) in PVC rigid conduit (Prestoplast/Precision/ISI make) with all accessories as required & embedded on wall/surface along with necessary connections by i) 4x16sqmm & 2x10sqmm. ii) 4x10sqmm & 2x6sqmm.	20m 30m		
8.	Labour charges for dismantling the existing wirings, fitting & accessories & depositing the same to the authority. (As per order of the Labour Commissioner, Government of West Bengal, dated 16/07/2024)	3(S+US)		
Total estimated amount:				
Add: 18% GST :				
Total amount including GST:				

**UNIVERSITY ENGINEER & CONVENOR OF TENDER COMMITTEE
UNIVERSITY OF CALCUTTA**

INSTRUCTIONS TO BIDDERS

Earnest Money (EMD):- Intending bidders are requested to deposit Rs. 15900/- online through his net banking enabled bank account, maintained at any bank or: offline – through any bank generating NEFT/RTGS challan from the e-tendering portal. Intending bidder will get the beneficiary details from e-tender portal with the help of Digital Signature Certificate and may transfer the EMD from their respective Bank as per the Beneficiary Name & Account No., Amount, Beneficiary Bank name (ICICI Bank) & IFSC Code and e-Proc Ref No. Intending bidder who wants to transfer EMD through NEFT/RTGS must read the instruction of the Challan generated from E-Procurement site.

(Bidders are also advised to submit EMD of their bid, at least 3 working days before the bid submission closing date as it requires considerable time for processing of Payment of EMD.)

N.B.: During evaluation of the tender, the bidder may be requested to produce original hard copy of any of the documents for verification, failing which his/her tender will be liable to rejection.

Important Dates:

Sl. No.	Particulars	Date & Time
1	Date of uploading of N.I.T. & other documents (Online)	06.11.2025; 06:00 pm
2	Start of downloading documents (Online)	06.11.2025; 06:00 pm
3	Start of Bid submission (Online)	06.11.2025; 06:00 pm
4	Close of Bid Submission (Online)	26.11.2025 ; 01:00 pm
5	Date of opening of technical bid (Online)	28.11.2025 ; 01:00 pm
6	Date of uploading list of Technically Qualified Bidders (Online)	To be communicated later
7	Date of opening of Financial Bid (Online)	To be communicated later

Instructions / guidelines for electronic submission of tenders have been annexed for assisting the contractors to participate in e- tendering.

- I. Registration of Bidder:** - Any bidder willing to take part in the process of e –tendering will have to be enrolled & registered with the Government e – Procurement system through logging on to <https://wbtenders.gov.in>. The bidder is to click on the link for e – Tendering site as given on the web portal.
- II. Digital Signature Certificate (DSC):** - Each bidder is required to obtain a class - II or class – III Digital Signature Certificate (DSC) for submission of tenders from the approved service provider.
- III. Collection of Tender documents:** - The bidder can search & download NIT & Tender documents electronically from computer once he/she logs on to the website mentioned in Clause 1 using the Digital Signature Certificate. This is the only mode of collection of Tender documents.
- IV. Cost of Earnest Money (EMD)**

Earnest Money (EMD) Quoted INR
Rs. 15900/- (To be deposited Online)

V. Submission of Tenders:-

- a. General process of submission:** - Tenders are to be submitted through online to the website <https://wbtenders.gov.in> in two folders at a time for each work, one is Technical bid and other is Financial Bid, before the prescribed date and time using the Digital Signature Certificates.
- b. Technical Bid:-** Technical Bid contains scanned copies of the followings further in two covers (folder)
- c. Online bid submission (Bidder/Contractor) process in <https://wbtenders.gov.in> portal,** download the pdf file.
<https://wbtenders.gov.in/>

VI. Statutory Cover Containing

- i. For NIT and Corrigendum if any (Download the NIT and upload the same by through digital signature).

VII. NON-STATUTORY DOCUMENTS containing the following documents (Up to date as on date):

Sl.No.	Category	Sub Category	Sub-Category Description
A.	Certificates	Certificates	1. PAN Card
			2. Professional Tax Registration Certificate
			3. GST Registration Certificate
			4. Valid Trade License in similar nature of job.
B.	Credential	credential for satisfactory completion of similar nature of job amounting to 75% of the quoted value in a single tender in the last three (03) financial years in Government, or Government Undertaking or any State Aided University. Only completion certificate of the work will be considered as Credential of works.	
C.	Financial Information	P/L AND BALANCE SHEET FOR LAST 03 (three) FINANCIAL YEAR.	

Rejection of Bid:

Tender Committee reserves the right to accept or reject any Bid and to cancel the Bidding processes & reject all Bids at any time prior to the award of Contract without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the ground for Tender Committee's action.

Note: Failure of submission of any of the above mentioned documents, the tender will be rejected.

VIII. Financial Bid:- BOQ in INR (in excel sheet)

- i) The financial bid should contain the following documents in one cover (folder) i.e. Bill of Quantities (BOQ). The Bidder has to quote the rate through online in the space marked for quoting rate in the BOQ.
- ii) Only downloaded copies of the above documents are to be uploaded, virus scanned & digitally signed by the contractor.

IX. Opening & Evaluation of Tender:-

Opening of Technical Bid:

- i) Technical bid will be opened by the Central Tender Committee. Intending bidders may remain present if they so desire. Statutory Cover (folder) would be opened first & if found in order and correct Non Statutory Cover (folder) will be opened. If there be any deficiency in the Statutory & Non statutory documents the tender will summarily be rejected.
- ii) Decrypted (transformed in to readable formats) documents of the non statutory cover will be downloaded & handed over to the evaluation committee.
- iii) List of technically qualified bidders would be uploaded.

NB: While evaluation, the Tender committee may invite the bidders & seek clarification/ information or additional documents or original hard copy of any of the documents already submitted. For any anomaly or deviation in this regard, his/her tender will be rejected.

X. Opening and evaluation of Financial Bid:

Financial bid of bidders declared technically eligible by the Committee will be opened electronically from the web portal on the prescribed date and time.

XI. Penalty for suppression / distortion of facts:

Submission of false document by bidder is strictly prohibited and will be liable for rejection of the tender and blacklisted.



**UNIVERSITY ENGINEER & CONVENOR OF TENDER COMMITTEE
UNIVERSITY OF CALCUTTA**

GENERAL TERMS AND CONDITIONS OF THE CONTRACT

1. 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.
2. 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.
3. **Time Extension:** Time is the essence of the contract, generally no time of extension will be allowed. But, in case of Force Majeure, the extension of time may be considered on the basis of actual situation and subject to consideration of the Tender Inviting Authority.
4. **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 receipt of performance security Deposit from him as stipulated in the contract.
5. **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.
6. **Refund of Performance Security:** Performance Security will be refunded to the contractor without any interest, whatsoever, after he/she duly performs and completes the contract in all respects but not later than sixty days of completion of all such obligations under the contract.
7. **Forfeiture of Performance Security deposit :** Performance security will 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.
8. **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.
9. 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.
10. 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.

11. The working concerned should remove the all materials from site and clean the area as instructed by E.I.C.

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

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

14. The contractor will work under the strict supervision of the Engineer/ Sub-Assistant Engineer. The 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.

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

16. 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**. This will be released after a period of six months from the date of completion of the work on application.

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

18. Termination Clause:

- i. Failing to supply and commissioning of the items as per work order within the stipulated time, the contract will be rejected except application of Force majeure Clause and EMD will be forfeited.
- ii. If any deviation of quality and specification from the stipulated specification as per B.O.Q observed, the purchase order will be cancelled and EMD will be forfeited.
- iii. In case of deterioration of service the Work order will be cancelled as per rule and EMD may be forfeited.

19. Force majeure Clause: If the work(s) be delayed for the following reasons:-

Due to war, internal emergency and other conditions such as abnormally bad weather, flood, cyclone natural calamity or serious loss or damage by fire or civil commotion, the contractor shall immediately give notice thereof in writing to the Central Tender Committee but shall nevertheless use constantly his/her best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Central Tender Committee to proceed with the works.

20. Mode of payment: -After completion of the work as per work order or any subsequent work order against the original work order the triplicates bills (R/A or Final bill) duly checked and verified by the concern department with the completion certificate by the concern department and should be submitted to the office of the undersigned within 10 days after completion of the work.



UNIVERSITY ENGINEER & CONVENOR OF TENDER COMMITTEE
UNIVERSITY OF CALCUTTA