



भारतीय प्रौद्योगिकी संस्थान गोवा
गोवा अभियांत्रिकी महाविद्यालय परिसर, फार्मागुडी, पोंडा, गोवा-403401
INDIAN INSTITUTE OF TECHNOLOGY GOA
At Goa College of Engineering Campus, Farmagudi, Ponda, Goa-403401

संस्थान निर्माण विभाग / INSTITUTE WORKS DEPARTMENT
NOTICE INVITATIG e-QUOTATION (NIQ)

Indian Institute of Technology invites sealed **item rate quotations** from eligible contractors for the following works.

N.I.Q. No	IITGOA/IWD/2025/09 dated 01.08.2025
Name of work	Supplying, Installation, Testing and Commissioning of Outdoor Feeder Panel for power supply to CITS, Central Library and Nearby Areas at IIT Goa.
Estimated Cost (Including GST)	Rs. 3,28,351/- (incl. GST)
Earnest Money Deposit	Rs. 6,567/- only
Type of NIQ	Works
Performance Guarantee	3% of tender accepted value
Period of Completion	30 days from the date of issue of work order
Form of Tender	Two Bid System (Technical Bid & Financial Bid)
Critical Dates:	
Publish Date	01.08.2025 at 06.00 hrs
Document Download Start Date	01.08.2025 at 06.00 hrs
Bid Submission start date	01.08.2025 at 06.00 hrs
Document Download end date	11.08.2025 at 06.00 hrs
Bid Submission end date	11.08.2025 at 06.00 hrs
Bid opening date	12.08.2025 at 06.00 hrs
Website for full and updated information	CPP Portal (www.eprocure.gov.in) and Institute website (https://iitgoa.ac.in/tenders/)

General Terms & Conditions:

- 1) The rates quoted must be valid for **90 days** from the date of opening of the quotation.
- 2) The bidder shall quote their rates considering all prevalent taxes/ cess like GST, workers cess or any other tax on material /work as applicable on the last date of bid submission and nothing extra shall be paid to the contractor on this account. All such taxes as applicable shall be paid by the contractor himself. The institute shall deduct from the RA/Final bills, the TDS as applicable
- 3) Those contractors not registered on the website mentioned above, are required to get registered beforehand. The necessary training materials including the videos with step to step process are available on CPP portal. The institute shall not be responsible for whatsoever case in this regard.
- 4) The intending bidder must have valid class digital signature to submit the quotation. Contractor can upload documents in the form of JPG format and PDF format only.
- 5) IIT Goa reserves the right to increase or decrease the quantity and/or amount of work. In this regard, decision of IIT Goa will be final.
- 6) IIT Goa reserves the right to reject any quotation or part or the whole of inviting quotation process without assigning any reason. The decision of the Competent Authority of IIT Goa will be final and binding.
- 7) Mere becoming the lowest bidder, prior to financial bid scrutiny will not give any right to the lowest bidder to claim that he is successful in the bidding process. The successful bidder (L1) shall be decided only after following due procedure.
- 8) The work shall be carried out strictly in accordance with the terms, conditions and specifications as per CPWD norms/IS, in the approved workman like manner and as per standard practice. The decision of Engineer-in-Charge in this regard shall be final and binding.
- 9) Materials required for satisfactory completion of work shall be of approved quality, make, grade etc. and of/or conforming to the Indian Standard Specifications (Latest revision) wherever applicable and approved by the Engineer-in-charge before use.
- 10) Power/ electricity supply required for construction, testing & commissioning shall have to be provided

to the contractor on payment basis as per the institute norms or else it is to be arranged by the contractor. Water required for testing of equipment is also in the scope of contractor.

11) List of documents to be scanned and uploaded within the period of quotation submission for meeting **minimum technical eligibility criteria:**

- (i) Earnest Money Deposit – Scanned copy of bank online transaction slip
- (ii) GST Registration Certificate
- (iii) PAN card duly attested by the firm.
- (iv) Should have satisfactorily completed the works in any Central Government Department/ State Government Department/ PSUs/ Autonomous bodies etc. as mentioned below during the last Seven years ending last day of the month previous to the one in which tenders are invited.
 - Three similar works each costing not less than 40% of estimated cost put to tender
 - or two similar works each costing not less than 60% of estimated cost put to tender
 - or one similar work costing not less than 80% of estimated cost put to tender.

Similar work shall mean works of “Any Electrical Works”

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to previous day of last day of submission of tenders.

Contractor shall submit completion certificate for such works for pre-qualification. Pre-qualification application received without such experience (Completion Certificate) shall be summarily rejected.

Bidder shall submit self-attested certificate of completion certificate(s), issued by the officer not below the rank of Executive Engineer or equivalent in case of Govt. works. Completion certificate must clearly indicate

- 1. Name of work
- 2. Stipulated date of start and actual date of completion.
- 3. Gross Value of work done
- 4. That the work has been completed satisfactorily.
- 5. Full address of client, officer issuing the certificate & location where work is executed.

(v) Should have valid electrical contractor's license (MV or above) issued by Govt. of Goa.

(vi) Each page of NIQ document seal and signed by bidder.

12) Applicant has to deposit **Online payment of Rs. 6,568/-** (Rupees Six Thousand Five Hundred and Sixty Eight only) towards refundable EMD.

Details for online payment for Tender Fee and EMD:

Beneficiary name: IIT Goa Main Account	Account no: 520101252594859
Bank Name: Union Bank of India	IFSC Code: UBIN0913286
Address: GEC Campus, Farmagudi, Ponda, Goa 403401	Branch: Farmagudi

The bank Transaction reference slip (UTR Number) shall be uploaded online.

13) The EMD of the successful bidder will be returned without any interest after submission of Performance Guarantee. The earnest money of unsuccessful bidders shall be returned after financial evaluation/award of contract.

Note: The MSME firms registered in NSIC under PP policy are exempted from payment of EMD for supply of goods and services only. They are not relaxed for works contracts. No other relaxation will be allowed.

14) **Performance Guarantee:** The contractor whose quotation is accepted will be required to furnish performance guarantee of **3% (Three Percent) of the tender accepted amount** within the period specified in Schedule 'F'. This guarantee shall be in the form of Fixed Deposit Receipts or Bank Guarantee of any Scheduled Bank or the State Bank of India. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the EMD deposited by the contractor shall be forfeited automatically without any notice to the contractor. The Performance Guarantee should be valid for DLP plus three months beyond that and returned after satisfactorily completion of Defect Liability Period.

15) **Warranty / Defect Liability Period** - One year on complete work from date of completion of work.

16) **Liquidated Damage:** - If the contractor fails to carry out the work on or before the stipulated date, then a penalty @ 1% (one percent) per month of delay subject to maximum of 10% of work order value to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor

17) **Payment Clause:** Payment will be only after successful completion of work duly certified by the Engineer-In-Charge based on the actual measurement of work done only.

- 18) Any clarification on the content of NIQ document can be referred to the Executive Engineer (Electrical), IIT Goa (Phone No. 0832-2490900) email: ex.eng.ee@iitgoa.ac.in
- 19) Corrigendum / Addendum to this NIQ, if any, will be uploaded on the CPPP/ Institute website. Prospective bidders may kindly note this.
- 20) **Disputes:** In the event of any dispute or disagreement arising between the contractors and IIT Goa with regard to the interpretation of "Terms & Conditions" of this inquiry, the same shall be referred to the Competent Authority of IIT Goa, whose decision will be final and binding upon the contractor.

Special Conditions of Contract

- 1) The contractor is required to get the drawings & make of material approved before execution of work. The contractor shall submit the relevant test certificates at the time of supply of equipment/Material. The contractor shall submit three sets of drawings duly signed by manufacturer & contractor after successful completion of work.
- 2) **Insurance and Storage:** All consignments are to be duly insured upto the destination from warehouse to warehouse at the cost of the contractor. The insurance covers shall be valid till the equipment is handed over duly installed, tested and commissioned.
- 3) **Verification of Correctness of Equipment's at Destination:** The contractor shall have to produce all the relevant records to certify that the genuine equipment's from the manufacturers has been supplied and erected.
- 4) **Safety Code & Labour Regulations/ Measures:**
 - In respect of all labour employed directly or indirectly on the work for the performance of the contractor's part of work, the contractor at his own expense, will arrange for the safety provisions as per the statutory provisions, B.I.S. Recommendations, Factory Act, workmen's compensation act, CPWD code and instructions issued from time to time. Failure to provide such safety requirements would make the bidder liable for penalty for Rs. 200/- for each violation. In addition, the Engineer-In-Charge shall be at liberty to make arrangements and provide facilities as aforesaid and recover the cost from the contractor.
 - The contractor shall provide necessary barriers, warning signals and other safety measures wherever necessary to avoid accident. He shall also indemnify IIT Goa against claims for compensation arising out of negligence in this respect. Contractor shall be liable, in accordance with the Indian Law and Regulations for any accident occurring due to any cause. The department shall not be responsible for any accident occurred or damage incurred or claims arising there from during the execution of work. The contractor shall also provide all insurance including third party insurance as may be necessary to cover the risk. No extra payment would be made to the contractor due to the above provisions thereof.
 - All equipment's shall incorporate suitable safety provisions to ensure safety of the operating personnel as per manufacturer's standard practice.
 - Work is to be carried out in such a manner that existing working of the building is not hindered. No payment on A/c of idle labour for this reason shall be made to contractor.
 - The issue of construction safety & standards has gained utmost importance in recent times. Contractors must follow highest safety standards and "ZERO" tolerance towards any violation of safety norms at the construction site. All workers of contractor and associate agencies, invariably and at all the times, must follow all safety norms, adopt best safe work practices as per requirement of job and use all required safety gadgets in their working throughout the project duration.
- 5) **Erection Tools:** No tools and tackles either for unloading or for shifting the equipments for erection purposes would be made available by the department. The successful tenderer shall make his own arrangement for all these facilities.
- 6) The Institute will not be liable for any costs related to consumables, tools, labour, service engineer visits, or other site materials.
- 7) **Indemnity:** The successful bidder shall at all times indemnify the department, consequent on this works contract. The successful bidder shall be liable, in accordance with the Indian law and regulations for any accident occurring due to any cause and the contractor shall be responsible for any accident or damage incurred or claims arising there from during the period of erection, construction and putting into operation the equipment's and ancillary equipment under the supervision of the successful bidder in so far as the latter is responsible. The successful bidder shall also provide all insurance including third party insurance as may be necessary to cover the risk in his own interest. No extra payment would be made to the successful bidder on account of the above.
- 8) **Conformity to IE Act, IE Rules, and standards:** All electrical works shall be carried out in accordance with the provisions of Indian Electricity Act, 2003 and Indian Electricity Rules, 1956 amended up to date (Date of call of NIQ unless specified otherwise).

SCHEDULES OF GCC

SCHEDULE 'A'

Schedule of quantities (Enclosed)

As per Financial Bid/BOQ

SCHEDULE 'B'

Schedule of materials to be issued to the bidder/contractor.

Sl. No.	Description of Item	Qty.	Rates in figures & words at which the material will be charged to the contractor	Place of Issue
1	2	3	4	5
1.	NIL	NIL	NIL	NIL

SCHEDULE 'C'

Tools and plants to be hired to the bidder/contractor

Sl. No.	Description	Hire charges per day	Place of issue
1	2	3	4
NIL	NIL	NIL	NIL

SCHEDULE 'D'

Extra schedule for specific requirements/ documents for the work, if any.

Nil

SCHEDULE 'E'

1.	Reference to General Conditions of contract	:	General Conditions of Contract (GCC) 2023 for CPWD Construction works, as modified & corrected up to last date of submission of bid.
2.	Name of work	:	Supplying, Installation, Testing and Commissioning of Outdoor Feeder Panel for power supply to CITS, Central Library and Nearby Areas at IIT Goa.
(i)	Estimated Cost put to tender:	:	Rs. 3,28,351/- (incl. GST)
(ii)	Earnest Money	:	Rs. 6,567/-
(iii)	Performance guarantee	:	3% of tender accepted value
(iv)	Security Deposit	:	PG shall be retained as SD till the DLP

SCHEDULE 'F'

General Rules & Directions		
Officer Inviting Tender	:	Head-IWD, IIT Goa
Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3	:	See under Clause 12
Definitions:		
2(v) Engineer-in-Charge	:	Executive Engineer (Electrical), IIT Goa
2(vii) Accepting Authority	:	Director, IIT Goa
2(x) Percentage on cost of materials and labor to cover all overhead & profits	:	15%
2(xi) Standard Schedule of Rates	:	DSR 2022 (E&M), with correction slips up to last date of submission of bid & For NDSR Items – Market Rates
2(xii) Department	:	Institute Works Department, IIT Goa
Clause 1 (Performance Guarantee)		
(i) Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance	:	7 days
(ii) Maximum allowable extension with late fee @ 0.1% per day of performance guarantee amount beyond the period provided in (i) above	:	7 days
Clause 2 (Compensation for Delay)		
Authority for fixing compensation under Clause 2	:	Head - IWD, IIT Goa

Clause 2A Whether Clause 2A shall be applicable	:	Yes
Clause 5 Number of days from the date of issue of letter of acceptance for reckoning date of start mile stone(s) as per table given below	:	7 days or the date of issue of work order
Milestone(s) as per table given below:		
S. No.	Description of Milestone (Physical)	Time Allowed in Days (from date of start)
1	Submission of GA, SLD drawings & technical specifications	5 days
2	Fabrication of Stand, Foundation and Site readiness	15 days
3	Inspection of Panel complete in all respects at Manufacturing Unit and completion of other documentation formalities.	21 days
4	100% Installation, Testing & Commissioning work complete in all respects at site	30 days
Time allowed for execution of work	:	30 days
Authority to decide		
(i) Extension of time	:	Director, IIT Goa
(ii) Rescheduling of milestones	:	Head - IWD, IIT Goa
(iii) Shifting of date of start in case of delay in handing over of site	:	Head - IWD, IIT Goa
Clause 5.2 Nature of Hindrance Register (either physical or electronic)	:	Applicable (Physical)
Clause 6	:	Applicable (CMB)
Clause 7 Gross work to be done together with net payment /adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment is	:	First & Final Bill after successful completion of work
Clause 10A List of testing equipment to be provided by the contractor at site lab	:	As per site requirement and directions of Engineer-in-Charge.
Clause 11 Specifications to be followed for execution of work		i) CPWD General Specification for Electrical work Part-I(Internal), Part-II(External), latest publication with correction slip/amendments up to last date of submission of tender. ii) CPWD Handbook on safety, iii) NBC 2016 Vol 1 & Vol 2 iv) Relevant IS Code as applicable
Clause 12 Type of Work	:	New Work
Clause 12.2. & 12.3: Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for building work	:	100% All extra item shall be as per CPWD GCC Construction Works 2023
12.5: Deviation Limit beyond which Clause 12.2 & 12.3 shall apply for Foundation Work	:	All deviation quantities shall be paid at agreement rates only.
Clause 16 Competent Authority for deciding reduced rates	:	Director, IIT Goa
Clause 18 List of mandatory machinery, tools & plants to be deployed by the contractor at site	:	As applicable to be arranged by the contractor
Clause 19 Authority to decide penalty for each default	:	Director, IIT Goa
Clause 25 - This clause will be governed as per CPWD GCC (a) Constitution of Dispute Redressal Committee (DRC).	:	Authority to appoint DRC Director, IIT Goa
(a) Conciliation/Mediation/Arbitration of disputes	:	Appointment of Conciliator/ Mediator/ Arbitration as per CPWD Manual/ provisions of law.

SCHEDULE OF QUANTITIES / TECHNICAL SPECIFICATIONS

S No	Description	Unit	Qty.
1	SITC of Outdoor Double Door Feeder Pillar Panel in front of Mahalaxmi Bungalow (CITS) with IP 65 Protection, made with 14/16 SWG powder coated CRCA sheet of approved colour paint by Engineer-in-Charge, Incomer 250 A 36 KA 4P MCCB-1 No; Outgoing 100 A 3P MCCB-3 No, 63A 3P MCCB-3 No having $I_c=100\%I_{cs}$; along with LED RYB indicators, Voltmeter, Ammeter, selector switch, necessary rated capacity CT's Accuracy-1, suitable size Aluminium bus bar for phase, neutral, earth bar, busbar supports, spreaders, phase separator, ventilation louver. Canopy for rainwater protection etc complete with respect to IS 60439 specifications.	Each	1
2	Supplying and Laying of 1.1 kV, XLPE Armoured LT UG Cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness and resistivity as per IS-3975		
2.1	4 x 16 sq.mm Aluminium conductor Armoured XLPE Cable	Mtr	20
2.2	3½ x 50 sq.mm Aluminium conductor Armoured XLPE Cable	Mtr	10
2.3	4 x 95 sq.mm Aluminium conductor Armoured XLPE Cable	Mtr	10
2.3	4 x 16 sq.mm Copper conductor armoured XLPE cable	Mtr	5
3	Supply, installation, testing, and commissioning of three phase, 4 wire KWh meter LCD type, Accuracy class 0.5s, 50 Hz CT operated MRT tested energy meter for load capacity 20-100A, displaying parameters such as date, time, voltage, current, kWh, kVarh, kVAh etc. enclosed inside a powder coated metal enclosure of suitable size or inside the outdoor feeder panel and connecting with wires coming from CTs etc., Test certificate must be submitted before installation complete in all respects as required.	Each	1
4	Supply, Installation, testing and commissioning of CT's of following ratios tested by Goa Electricity Department, Note: Test certificate must be submitted before installation including necessary wiring for connecting metering unit to CT's		
4.1	100A/5A , Set of Three Ring type CT's	Set	1
5	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.		
5.1	4 X 16 sq. mm (28mm)	Each	3
5.2	3½ X 50 sq. mm (45mm)	Each	1
5.3	3½ X 95 sq. mm (45mm)	Each	1
6	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required		
6.1	4 X 16 sq. mm	Each	3
6.2	3½ X 50 sq. mm	Each	1
6.3	3½ X 95 sq. mm	Each	1
7	Disconnection and removing of old cable from existing panel to new feeder pillar panel	Job	1
8	Providing MS angle Structural steel work with MS Angle of 50x50x5mm dimensions in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a primer coat of approved steel primer all complete for Feeder Pillar Panel Base angle with supports	Kg	30
9	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level		
9.1	1:2:4 (1 Cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	1
10	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)	Mtr	10
11	Supplying and Fixing of pad locks for existing outdoor feeder panel as per the site requirements	Each	6

LIST OF PREFERRED MAKES

S.No	Item	Make
1	Switchgears	L&K/ Schneider/ ABB/Legrand/Siemens
2	Indicating Lamp/ Push Button	L&K/ESBEE/Schneider/Siemens
3	Voltmeter/Ammeter	L&K/ Elmeasure/ ABB/KYCEE/Siemens
4	Selector Switch	L&K/ESBEE/C&S/ABB/KYCEE/Siemens
5	CT and PT	AE/Kappa/Precise/Gilbert/GED Approved make
6	FRLS Wires	Havells/Finolex/KEI/Grandley/RR Kabel/Polycab
7	LT Cable	Havells/Finolex/KEI/Grandley/RR Kabel/Polycab
8	Lugs	Dowells/Jainson
9	Heavy duty Gland	Cripwell /Commex/Dowells
10	Straight through Joint Kit	Raychem/3M
11	KWH Energy Meter electronic, digital type	L&K/HPL/Secure/GED approved make
12	Polycarbonite Junction box	Hensel/Clipsal/Syntex

Note:

1. Material make shall be as per above table until or unless individual item model nos specified in BOQ
2. Engineer in Charge reserves the right to Add/Delete any material makes in the list of preferred makes.