



**INDIAN INSTITUTE OF TECHNOLOGY GOA
GEC CAMPUS, FARMAGUDI, PONDA
GOA-403401**

**TENDER DOCUMENT FOR PROVIDING POWER SUPPLY
CONNECTION TO PORTABLE CABINS AT IIT GOA, FARMAGUDI,
PONDA, GOA**

NIT: IIT GOA/C&EMD/2021/019 DT.20-07-2021

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PART A (TECHNICAL BID)

1. NOTICE INVITING TENDER

1.1. INTRODUCTION

Indian Institute of Technology (IIT) Goa, hereinafter called IITGoa, invites sealed tenders from licensed contractors for providing power supply connection for portable cabins. Particulars of the work are as follows.

1.2 PARTICULARS

1.NIT No	IIT GOA/C&EMD/2021/019 DT.20-07-2021
2.Name of work	Providing power supply connection for portable cabins.
3.Location of work	IIT Goa transit campus at GEC Fermagudi.
4. Tender Fees	Rs.500/- only
5.Estimated Cost (Including GST)	Rs. 4,90,000/- Only
6.Earnest Money Deposit	EMD not applicable, bidders have to submit signed ' Bid Security Declaration ' accepting that if they withdraw or modify their bids during period of validity etc. they will be suspended for future requirement of IIT Goa
7.Performance Guarantee	Rs. 15,000/- Only
8.Period of work	Thirty (30) days from date of issue of work order.
9.Tender Basis and Mode	Two Stage (Technical Bid & Financial Bid)
10.Mode of Payment to IIT Goa (Tender Fee & EMD)	Demand Draft/ Bank Guarantee in favor of IIT Goa Main Account payable at Goa. (Cheque will not be accepted)
11.Date, Time & Venue of Pre bid meeting.	On line meeting dtd.26 th July'2021 at 11:00am
12. Closing Date & Time of receiving of bids.	03rd Aug;2021 by 15:00hrs
13. Date & Time of opening of Technical Bid.	03 rd Aug;2021 by 16:00hrs
14. Date & Time of opening of Financial Bid.	Will be intimated to qualified agencies.
15.Address of tender issue, submission and opening	Tender documents will be available on the site as stated: https://www.iitgoa.ac.in (Under tender Section). Tender submission & opening place: C& EMD OFFICE, IIT GOA

16. Website for full and updated information.	https://www.iitgoa.ac.in (Under tender Section).
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1.3. ELIGIBILITY CRITERIA

1.3.1. The bidder must be registered in appropriate class of works with Government organization like CPWD/ PWD/ MES/ PSUs/Reputed private firms or those having experience in similar nature of works awarded by Government / Semi Government Organizations/ Government Funded Autonomous Organization or having experience in execution of similar works in any reputed private firms.

1.3.2. The bidder must have a license issued by the Govt. of Goa for carrying out the electrical work in MV category.

1.3.3. The bidder must have done at least 1 (ONE) similar work of value equal to or greater than Rs. 3,92,000/- (80% of the estimated cost) or 2 (TWO) similar works each of value equal to or greater than Rs. 2,94,000/- (60% of the estimated cost) or 3 (THREE) similar works each of value equal to or greater than Rs. 1,96,000/- (40% of the estimated cost) with Government/ Semi-government/ PSU/ Government Funded Autonomous Organization during last 7 (seven) years preceding last date of the month of tender submission or having experience in execution of similar works.

Note:

- (i) The estimated cost is Rs. 4,90,000/- (Rupees Five Lakhs Fifteen Thousand Only).
- (ii) Similar works shall mean: Supply, Installation, Testing and Commissioning of distribution cables, panels and switchgear etc. Maintenance of such work will not be considered as similar work.

1.3.4. The bidder must be registered with appropriate government authority as a bonafide business entity and must have GST registration certificate and Permanent Account Number of income tax.

1.3.5. The registrations and licenses should be valid during the execution phase.

1.3.6. A Certificate/Undertaking on the letter head of the Company to the effect that the bidder/Manufacturer has not been blacklisted anywhere in India or abroad by any organization. A self-certification to this effect is required to be enclosed.

1.3.7. Average annual turnover for the last three years of the bidder as per ITCC or profit & loss statement shall not be less than the estimated cost (i.e. Rs. 4,90,000/-).

1.3.8. The agencies should enclose the Xerox copies of the following;

- a) Performance certificate.
- b) GST Registration.
- c) PAN
- d) License issued by Govt. of Goa

2. INFORMATION TO BIDDERS

2.1. SCOPE OF WORK

- 2.1.1. The IIT Goa invites tender for providing power supply to portable cabins at IIT Goa.
- 2.1.2. Supply and laying 3 1/2 core armored PVC/XLPE insulated, PVC sheathed aluminum conductor cable of 1.1 KV grade with ISI mark conforming to IS:1554(Part I), IS:7098(Part I) with latest amendments of 35 Sq.mm and 150 Sq.mm size and length as mentioned in Part-B (Financial Bid).
- 2.1.3. Supply, installation, testing and commissioning of compartmentalized floor/wall mounted outdoor type panel including switchgear foundation etc as mentioned in Part-B (Financial Bid).
- 2.1.4. The installation should be inspected by the appropriate electrical inspectorate and clearance to energize the line should be obtained by the contractor before energizing the installation. Statutory fees for carrying out the inspection will be reimbursed by IIT goa provided the bidder produces the original challan from the statutory authorities.
- 2.1.5. The contractor shall provide a supervisor for supervising all the works carried out. The minimum qualification should be Diploma.
- 2.1.6. All the replaced items must be stored in the store room as specified by the Engineer in charge.
- 2.1.7. No debris shall be left over during the installation works under each item on any day. An area for 'Debris bins' will be identified on the request of contractor for collection of debris generated on day to day basis. The Debris from debris bin shall be cleared as and when required. The contractor must maintain adequate number of wheel barrows all the time for shifting the debris to Debris bin.
- 2.1.8. Police Verification Certificate of all workers shall be obtained by Contractor.

2.2. GENERAL INSTRUCTIONS

2.2.1. Bidding documents are to be obtained electronically through websites: <https://www.iitgoa.ac.in> (Under tender Section). The tender fee in the prescribed mode must accompany the tender documents issued electronically at the time of submission.

2.2.2. This bid document shall be read in conjunction with GCC (General Conditions of Contract) laid down in the CPWD manual and the applicable specifications of CPWD.

2.2.3. The bidder shall visit and inspect the site and obtain all information on his own responsibility and at own cost, which may be necessary for the purpose of quoting and submitting the tender. No excuse or ignorance as to site conditions and local information shall be accepted after awarding of the contract. Access to the site will be granted by the Engineer-in-charge on all working days within working hours.

2.2.4. The water should be arranged by the agency.

2.2.5. All clarifications about the tender shall be sought by bidder on or before pre-bid meeting. The bidders may make suggestions which shall be considered during the Pre Bid Meeting. No queries shall be entertained after notification of replies to the noteworthy queries received till the date of pre-bid meeting.

2.2.6. Completion certificate issued by Competent Authority will only be considered as credential. If the Completion certificate issued by Competent Authority does not reflect the type of work, then Final bill / Schedule of Quantity of the qualifying works also to be attached along with the Completion certificates. Certificate from private individuals / organizations for whom such works have been executed shall also be accepted.

2.2.7. The bidding document (consisting of the schedule of quantities of various types of items to be executed, the set of terms and conditions of the contract and other documents / drawings, if any), Corrigendum, Clarifications to Pre-bid queries can be downloaded from the website: <https://www.iitgoa.ac.in> (Under tender Section). Corrigendum, if any shall be published only on these website. The institute shall not be responsible for any delay / difficulties / inaccessibility of downloading facility for any reason whatsoever.

2.2.8. All costs, charges & expenses that may be incurred in connection with the preparation of the tender shall be borne by contracting and the Institute accepts no liability whatsoever thereon.

2.2.9. Rates quoted by the bidders shall be inclusive of labour charges and GST (Goods and Services Tax - Central, State and Interstate) and all applicable taxes. Income Tax and all other statutory deductions like labour cess etc. will be deducted from the bill as per prevailing rules.

2.2.10. Exemption to IIT Goa against any tax/ duty/ fee/ surcharge/ charge/ cost, if any, found applicable or sought later from IIT Goa after award shall be passed on to IIT Goa by the contractor without dispute.

2.2.11. IIT Goa reserves the right to reject any or all of the bids without assigning any reason.

2.2.12. Bid Validity: Bid shall remain valid for 120 days from the date of submission.

2.2.13 Material should be deposited at site within 07 days of issue of work order. 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.

2.2.14 The work should be completed within a stipulated time of 30 days from the day of issue of work order mention unless otherwise.

2.2.15 A penalty of 0.5% per day (of quoted amount) will be imposed for delaying in depositing the material within the stipulated time as mentioned in Pt. 2.2.13 and a penalty of 0.8% per day (of quoted amount) will be imposed for delay in completion of work within the stipulated time as mentioned in Pt. 2.2.14.

2.2.16. Firm Price: Bidder's quoted Rates/Prices for executing the activities under the Contract shall remain firm till the period of one year & shall not attract any escalation under any circumstances whatsoever.

2.2.17. Payment shall be made on the basis of measurement carried out and keeping aside security deposit of 5% of the estimated value (i.e. Rs. 24,500) after successfully completion of work.

2.2.18. If any information furnished by the bidder is found as false / fabricated, then his bid will be rejected and treated as cancelled. Even if such manipulation is detected at any stage after signing of the contract, it would lead to termination of the contract besides forfeiture of Earnest Money Deposit and liabilities towards prosecution. In such cases the bidder will be debarred from participation in future tendering process in IIT Goa for next 05 (Five) years.

2.2.19. Bid security declaration in lieu of Earnest Money Deposit (EMD) is necessary to be furnished as per the attached format Appendix-A. Bidders who do not submit the document will be out rightly rejected.

2.3. SUBMISSION OF TENDER

2.3.1. The sealed tenders shall be received at the C&EMD Office, IIT Goa, Goa College of Engineering Campus, Farmagudi, Ponda Goa-403401 up to 15:00hrs, 03rd Aug' 2021 or as per Corrigendum otherwise.

2.3.2. Tenders received after the due date and time shall not be considered.

2.3.3. Tenders shall be submitted in a sealed Master envelope super scribed "Providing power supply connection for portable cabins at IITGoa" with the NIT No. IIT GOA/C&EMD/2021/019 DT.20-07-2021, containing three separate sealed covers, each clearly super scribed as "Tender Fee and Bid security declaration", "Technical Bid" and "Financial Bid" respectively, in the following manner:

2.3.4. Envelope-1 (Tender FEE & Bid security declaration) will consist of:

Tender Fee for ₹ 500/- (Non-refundable), in the prescribed mode or proof of payment thereof.

2.3.5. Tender without submission of Bid security declaration would be summarily rejected.

2.3.6. Envelope-2 (Technical Bid) will consist of:

- (i) Covering letter of the technical offer signed by firm's authorized signatory.
- (ii) Documents establishing the identity and authenticity of the bidder/ bidding firm.
- (iii) Self-certified copies of all the documents in support of eligibility of bidder.
- (iv) Undertaking by the bidder.
- (v) Bid Security Declaration as given in Appendix-A

2.3.7. Envelope-3 (Financial Bid) will consist of the complete tender document, each page duly signed and stamped by the bidder as acceptance of the conditions, Declaration by Bidder and Financial Bid all duly filled-in, signed by the bidder or his/her authorized signatory and stamped. The name of the person signing the bid documents with his designation in the firm/company must be clearly mentioned.

2.4. EVALUATION OF BIDS AND AWARD OF WORK

2.4.1. The Technical Bid of bidder will be opened on the specified date and time of opening at the C&EMD Office, IIT GOA, GEC Campus, Farmagudi, Ponda Goa in the presence of willing bidders or their authorized representatives.

2.4.2. Bids shall, first be checked for payment of Tender Fee and bid security declaration. Only those bids found to have duly paid/ submitted Tender Fee and bid security declaration shall be considered for evaluation.

2.4.3. Date, time and place of opening of Financial Bid will be informed after evaluation of Technical Bid to the Technically Qualified Bidders.

2.4.4. Evaluation of Technical Bid: The bids received will then be assessed on the eligibility criteria mentioned at para 1.3 of Notice Inviting Tender. Bids found not meeting the eligibility criteria shall be considered non-responsive and shall be rejected summarily.

2.4.5. IIT Goa retains the right to revert back to individual bidders with further clarifications / queries on the Technical Bid. The bidder has to respond to the queries within the specified time mentioned in the covering letter.

2.4.6. EVALUATION OF Financial Bids: The Financial Bid should contain the complete bid document with duly filled in Schedule of Financial Quote. Financial Bids opened as above will be checked for arithmetical errors.

2.4.7. The successful bidder shall be issued Letter of Acceptance (LOA) of the bid, and be required to furnish a Performance Guarantee as per General Conditions of Contract (CPWD GCC Manual).

2.4.8. Agreement (Contract) consisting of complete tender document including conditions, bill of quantities, technical proposal and specialized services, drawings, if any, and acceptance thereof together with any correspondence leading thereto, shall be drawn and signed with the awardee after issue of Work Order.

PART B (FINANCIAL BID)

Schedule of Quantities

Sr No.	Particular	Units	Qty	Rate	Amount
1	Supplying and making cable end terminations with brass compression gland and copper lugs of 3 1/2 core armoured PVC/XLPE insulated, PVC sheathed aluminium conductor cable of 1.1 KV grade with ISI mark conforming to IS:1554(Part I), IS:7098(Part I) with latest amendments of following size.				
1.2	3 1/2 Core 35 sq.mm	R.M	50		
1.3	3 1/2 Core 150 sq.mm	R.M	170		
2	Laying of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of size exceeding 120 sq.mm but not exceeding 400 sq.mm direct in ground including excavation in the form of a trench as per Cable Trench Drawing provided by the Engineer-Incharge, sand cushioning with screened sand bed of 20mm thick, protective covering with bricks placed breadth-wise on top of cable all over the run(the brick protection shall cover the cable and project atleast 5 cms over the sides of the cable)and backfilling the excavated earth without stones or hard material and making the surface proper with 15 cm crown on the top complete as required.				
2.2	In rocky strata for 3 and 1/2 Core 35 Sq.mm	R.M	35		
3	Laying of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of size exceeding 120 sq.mm but not exceeding 400 sq.mm direct in ground including excavation in the form of a trench as per Cable Trench Drawing provided by the Engineer-Incharge, sand cushioning with screened sand bed of 20mm thick, protective covering with bricks placed breadth-wise on top of cable all over the run(the brick protection shall cover the cable and project atleast 5 cms over the sides of the cable)and backfilling the excavated earth without stones or hard material and making the surface proper with 15 cm crown on the top complete as required.				
3.1	In rocky strata for 3 and 1/2 Core 150 Sq.mm	R.M	170		
4	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.				

4.1	Upto 35 sq. mm (clamped with 1mm thick saddle spaced at a distance of 300 mm)	R.M	15		
5	<p>Supply, installation, testing and commissioning, of compartmentalised floor/wall mounted outdoor type, double door, double roof, made out of minimum 2 mm thick CRCA sheet steel duly phosphatised and powder coated painting suitable for three phase 415 V, 50 Hz system, of suitable size and depth with 300 Amps TPN aluminium bus bar with interconnection, incoming and outgoing connection, IP55 minimum and providing SFU/SDF along with fuses as follows:</p> <p>a) Incomer: One number of 200 Amps capacity with analog ammeter and volt meter of size 100 mm of suitable range.</p> <p>b) Outgoing: Seven numbers each of 63 Amps capacity.</p> <p>c) One bus bar chamber and two Cable alley. with all necessary material/accessories including foundation etc.</p> <p>Note: The panel supplied by the bidder must conform to IS 8623 (Part 1): 1993/IEC 60439-1 (1985) and IS 8623 (Part 2):1993/IEC 60439-2 (1987)</p>	Each	1		
Total (A)					

(To be printed in letter head)

BID SECURITY DECLARATION
IN LIEU OF SUBMISSION OF EARNEST MONEY
DEPOSIT (EMD)

Ref: (1) Our Offer No.....dated.....
(2) Your Tender No. IIT GOA/C&EMD/2021/019 dated 20-07-2021

In the event of withdrawing or modifying our offer within the validity or extended validity period, we here by accept the suspension of our company/firm for a period of two years from the date publication of this tender for future requirement of IIT Goa

Signature with Date:

Name:

Designation:

Official Seal: