



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

**Notice Inviting Quotation for Electrical Works for NMR Lab**

**NIQ: IIT GOA/C&EMD/2022/006 dtd.10-01-2022**



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## 1. Notice Inviting Quotation

### 1.1. Introduction

Indian Institute of Technology (IIT) Goa, hereinafter called IITGoa, invites sealed quotations from licensed contractors for Electrical Works for NMR Lab.

### 1.2 Particulars

1.NIT No	IIT GOA/C&EMD/2022/006 dtd.10-01-2022
2.Name of work	Electrical Works for NMR Lab
3.Location of work	Chemistry Lab
4.Estimated Cost ( Including GST)	Rs. 3,55,000/- Only
5.Earnest Money Deposit	EMD not applicable, bidders have to submit signed 'Bid Security Declaration' on the letter head of the firm as given in Annexure- A.
6.Performance Guarantee	3% of Work order value
7. Security Deposit	5% of the completed amount.
8.Completion time	30 days.
11. Closing Date & Time of receiving of bids.	25 <sup>th</sup> of January 2022 by 15:00hrs
12. Date & Time of opening of quotation.	25 <sup>th</sup> of January 2022 by 15:30hrs
14.Address of tender issue, submission and opening	Tender documents will be available on the site as stated: <a href="https://iitgoa.ac.in/tenders/">https://iitgoa.ac.in/tenders/</a> . Tender submission & opening place: C& EMD OFFICE, IIT GOA
15. Website for full and updated information.	<a href="https://iitgoa.ac.in/tenders/">https://iitgoa.ac.in/tenders/</a>

Sd/-  
Registrar, IIT Goa



### 1.3. Terms & Conditions

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 valid contractor's license issued by the Govt. of Goa for carrying out the electrical work in MV category.

1.3.3. 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.

1.3.4. The registrations and contractor's licenses should be valid during the execution phase.

1.3.5. 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 as given in Appendix-B.

1.3.6. The agencies should enclose the self-certified copies of the following;

- a) Registration of the firm.
- b) GST Registration.
- c) PAN
- d) Valid electrical Contractor's License issued by Govt. of Goa.
- e) Company/Contractors organisation profile as per Appendix - C
- f) Certificate of undertaking as given in Appendix – B

1.3.7. For carrying out earth pit work as described in Schedule of Quantities diagram given in Appendix – D should be referred.

1.3.8. All the work should be carried out as per CPWD specification, Electrical Work Part – I (Internal) 2013.

1.3.9. Bid Validity: Bid shall remain valid for 60 days from the date of opening.

1.3.10. **A penalty of Rs. 500 per day will be imposed for delay in completion of work beyond the stipulated time subject to limit of Rs. 2,500/- (i.e. max delay of 5 days) after which IIT Goa (if desired so) will carry out the work by the risk and cost of the contractor apart from the penalty and the respective amount will be recovered from the bill.**

1.3.11. Firm Price: Bidder's quoted Rates/Prices for executing the activities under the Contract shall remain firm till the completion of the work or for the extended period of time if any thereto & shall not attract any escalation under any circumstances whatsoever.

1.3.12. Payment shall be made on the basis of actual measurement carried out. Security deposit of 5% of the completed value shall be retained with IIT Goa for a period of one year of defect liability period. If any defect in the work is detected within one year of completion date due to bad workmanship or material supplied by the contractor, the same shall be made good by the contractor free of cost to IIT Goa. In case the contractor fails to rectify the defect promptly, the defect will be rectified and made good by IIT at the risk and cost of the contractor. The amount shall be recovered from the security deposit amount.

1.3.13. The sealed quotations shall be received at the C&EMD Office, IIT Goa, Goa College of Engineering Campus, Farmagudi, Ponda Goa-403401 up to 15:00hrs, 25<sup>th</sup> of January 2022 or as per Corrigendum otherwise.

1.3.14. Tenders shall be submitted in a sealed Master envelope super scribed "**Electrical Works for NMR Lab**" with the NIQ No. IITGOA/C&EMD/2022/006 dtd. 10/01/2022, containing all the documents as mentioned above.



1.3.15. If any of the above mentioned documents are found to be missing the bid will be out rightly rejected.

1.3.16. Conditional tender will not be accepted.

1.3.17. Date of start of contract shall be reckoned from the 7<sup>th</sup> day of the date of issue of “Work Order” till that time the qualified bidder shall ensure that the material is deposited at the site.

1.3.18. Performance guarantee (as given in Appendix-E) should be submitted within seven days of issue of “Work Order”.



## 2. Schedule of Quantities

Sr No.	Particular	Units	Qty (Q)	Rate (R)	Amount (A = R*Q)
1	Supply, installation, testing, commissioning and adjusting time for 12 hours of astronomical timer switch for alternate operation of air conditioners.	Each	1		
2	Earthing (including soft soil 3 cubic metre) with copper earth plate 600 mm X 600 mm X 3 mm thick (10.5 kgs) including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 20 mm dia, 2.7 metre long along with funnel, medium class etc. with charcoal/ coke (100 kgs) and salt (5 kgs) as required. Pit Dimensions [Length x Breath x Height] 1,000 mm x 1,000 mm x 3,700 mm as per CPWD specifications	Each	3		
3	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	R.M	130		
4	Supply, installation, testing and commissioning of delta-star configuration, 5 kVA, 415/415 volts, copper winding, three phase isolation transformers, including powder coated enclosure with minimum ingress protection of IP55, with lock and key arrangement	Each	1		
5	Supply, installation, balancing and commissioning of factory fabricated G.I. sheet metal rectangular/round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports, filters etc. as per specifications of 0.8 mm sheet thickness complete as required.	Sq.M	20		
6	Supply & fixing 300mm sweep heavy duty Exhaust fan 1400 RPM with guard suitable for use on 230V, Ac supply on th existing opening at the venilation with nut bolts, conection, earthing, testing and commissioning etc as required.	Each	1		



7	Supplying and fixing following rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
7.1	10 A, SP	Each	1		
7.2	20 A, TP	Each	1		
7.3	20 A, TPN	Each	1		
7.4	20 A, SPN	Each	2		
8	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
8.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	R.M	20		
8.2	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	R.M	30		
8.3	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	R.M	20		
<b>Total</b>					



**Appendix- 'A'**

*(To be printed in letter head)*

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**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/2022/006 dated 10-01-2022**

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

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Signature with Date:

Name:

Designation:

Official Seal:





**Appendix-‘B’**

*(To be printed in letter head)*

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**CERTIFICATE**

I hereby certify that the above firm (name & address of the firm) neither blacklisted / debarred by any Central/State Government/Public Undertaking/Institute nor is any criminal case registered /pending against the firm or its owner/partners any wherein India.

I also certify that the above information is true and correct in every respect and in case, at a later date, it is found that any details provided above are in correct, the tender/ contract given to the firm may be summarily terminated and the firm may be blacklisted.

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Signature with Date:

Name:

Designation:

OfficialSeal:



**Appendix – ‘C’**

*(To be printed in letter head)*

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**General Business Information**

1. Business name:
2. Head office address:
3. Phone number:
4. Email address:
5. Company status:
6. Contact details of person in-charge (His/Her name, phone, email address):

**Business Information**

1. Date of Incorporation:
2. Main product/services:

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Signature with Date:

Name:

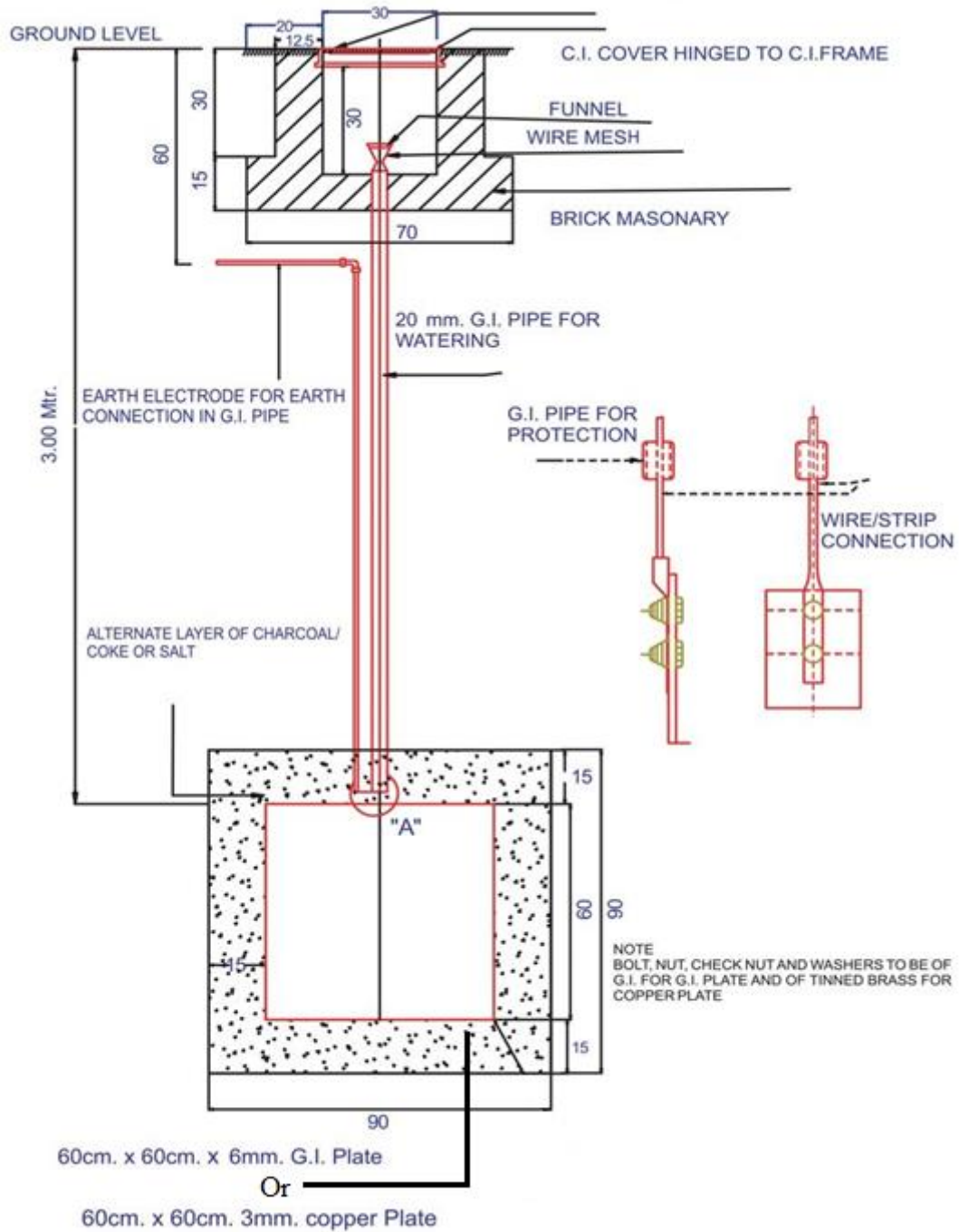
Designation:

Official Seal:



**Appendix – ‘D’**

**Schematic Drawing of Earth pit to be referred for item no. 15 & 16 in Part- B Financial Bid**





## APPENDIX-‘E’

### PERFORMANCE GUARANTEE

In consideration of the Indian Institute of Technology Goa (IIT Goa) having offered to accept the terms and conditions of the proposed agreement between..... and.....(hereinafter called “the said Contractor(s)”) for the works.....(hereinafter called the said agreement”) having agreed for production of an irrevocable Bank Guarantee for Rs.....(Rupees.....only) as a security/ guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We,.....(hereinafter referred to as “the Bank”) hereby undertake to pay Indian Institute of Technology Goa an amount not exceeding Rs.....(Rupees.....Only) on demand by IIT Goa.
2. We,.....(indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demure merely on a demand from IIT Goa stating that the amount claimed as required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.....(Rupees.....Only)
3. We, the said bank further undertake to pay IIT Goa any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment and the Contractor(s) shall have no claim against us for making such payment.
4. We,.....(indicate the name of bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all dues of IIT Goa under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-In-Charge on behalf of IIT Goa certified that the terms and conditions of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.
5. We,.....(indicate the name of the bank) further agree with IIT Goa that IIT Goa shall have the fullest liberty without any consent and without effecting any manner our obligation hereunder to vary any terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) from time to time or to postpone from any time or from time to time any of the powers exercisable by IIT Goa against the said contractor(s) and to forbear or enforce any of the terms & conditions relating to the said agreement and shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act of omission on part of IIT Goa or any indulgence by IIT Goa to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for provision, have effect of so relieving us.
6. This guarantee will not be discharged due to change in the constitution of the Bank or the Contractor(s).
7. We,.....(indicate the name of Bank) lastly undertake not to revoke the guarantee except with the previous consent of IIT Goa in writing.

This guarantee shall be valid up to.....unless extended on demand by IIT Goa. Notwithstanding

anything mentioned above, our liability against the guarantee is restricted to

Rs.....(Rupees.....) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged. Dated the .....day of ..... for..... (indicate the name of the Bank)