INDIAN INSTITUTE OF TECHNOLOGY DELHI

HAUZ KHAS, NEW DELHI – 110016

NOTICE INVITING E-QUOTATION

IITD/WORKS(SP- 3832)/2022

Executive Engineer (Electrical)-I, Indian Institute of Technology Delhi, Hauz Khas, New Delhi – 110016, Ph. No. 011-2659 1742 on behalf of Board of Governors invites online **Item Rate Quotation** from **Eligible Bidders [Class - 1 Local Supplier / Service provider as per GoI Orders No. P-45021/2/2017-PP (BE-II) dated 04-06-2020]** as per details given below.

1	Name of work	**:**	**Internal Electrification and Installation of Room No. 554 alloted to Centre for atmospheric science lab on 3rd Floor ITEC Building, Sonipat Campus.**
2	NIT No.	**:**	**10158/84/IITD(SNP)/EW/2021-22**
3	Estimated Cost (₹)	**:**	**3,32,170.00**
4	Earnest Money Deposit (₹)	**:**	**EMD Declaration to be submitted**
5	Period of completion	**:**	**15 days**
6	Last date & time of bid submission	**:**	**Upto 3 PM of 28-03-2022**
7	Performance Bank Guarantee	**:**	**3 percent of the Quoted amount**

The bid forms and other details may be downloaded from Central Public Procurement Portal (http://eprocure.gov.in/eprocure/app). Aspiring bidders who have not enrolled / registered in e-procurement should enrol / register themselves before participating through web site http://eprocure.gov.in/eprocure/app. The portal enrolment is free of cost. Bidders are advised to go through instructions provided at “Instructions for online bid submission.”

Bidders can access quotation / Quotation documents on the website (for searching in the NIC site), kindly go to quotation search option and type ‘IIT’. Thereafter, click on “GO” button to view all IIT quotations. Select the appropriate quotation / Quotation and fill them with all relevant information and submit the completed Quotation / Quotation document online on the website http://eprocure.gov.in/eprocure/app as per the schedule given in the next page.

No manual bids will be accepted. All bids (both Technical & Financial) should be submitted in the e-procurement portal.

Executive Engineer (Electrical)-I
For & on behalf of BOG, IIT Delhi

Ch. Head : NPN26

C … Nil I ….. Nil O …… Nil

D’Man AEE / AE EE

Work Code : WO3743

Copy to:-
1. Assistant Executive Engineer (E)
2. D.A. (Works Accounts)
3. D.R. (A/C)
4. A.R. (Store Purchase Section)
5. Notice Board
6. Website Administrator, IIT Delhi
7. Office copy

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SCHEDULE

1	Name of organisation	**:**	Indian Institute of Technology Delhi (Sonipat Campus)
2	Quotation / Quotation type (open / limited / EOI / auction / single)	:	Open
3	Quotation / Quotation category (services / goods / works)	**:**	Goods & Works
4	Type of Contract (work / supply / auction / service / buy / empanelment / sell)	**:**	Work & Supply
5	Form of contract (IITD – 7/8)	**:**	IITD – 8
6	Work Category (civil / electrical / fleet management / computer systems)	**:**	Electrical
7	Is multi-currency allowed?	**:**	No
8	Date of publishing / issue / start	**:**	24/03/2022 (15.00 PM)
9	Document download start date	**:**	24/03/2022 (15.00 PM)
10	Document download end date	**:**	29/03/2022 (15.00 PM)
11	Date & time of pre-bid meeting	**:**	No pre-bid meeting be held
12	Venue of pre-bid meeting	**:**	Not applicable
13	Last date & time of uploading of bids	**:**	Upto 3 PM of 29-03-2022
14	Date & time of opening of Technical bids	**:**	30-03-2022 at 15.00 PM
15	Quotation fee	**:**	Free of cost
16	Earnest Money Deposit (EMD)	**:**	**EMD DECLARATION TO BE SUBMITTED IN LIEU OF EMD AS PER PRESCRIBED FORMAT**
17	No. of bids / covers (1 / 2 / 3 / 4)	**:**	**2**
18	Address for communication	**:**	Executive Engineer (Electrical)-I, Works Department, IIT Delhi, Hauz Khas, New Delhi - 110016
19	Contact No.	**:**	011 2659 1742 / 1746
20	e-mail address	**:**	a26984@admin.iitd.ac.in; a26335@admin.iitd.ac.in

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INSTRUCTIONS FOR ONLINE BID SUBMISSION

As per the directives of Department of Expenditure, this quotation / Quotation document has been published on the Central Public Procurement Portal (URL: http://eprocure.gov.in/eprocure/app). The bidders are required to submit softcopies of their bids electronically on the CPP portal, using valid Digital Signature Certificates (DSC). The instructions given below are meant to assist the bidders in registering on the CPP portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP portal.

More information useful for submitting online bids on the CPP portal may be obtained at http://eprocure.gov.in/eprocure/app

REGISTRATION

1. Bidders are required to enrol on the e-procurement module of the Central Public Procurement portal (URL: http://eprocure.gov.in/eprocure/app) by clicking on the link, "click here to enrol". Enrolment on the CPP portal is free of charge.
2. As part of the enrolment process, the bidders will be required to choose a unique user name and assign a password for their accounts.
3. Bidders are advised to register their valid e-mail address and mobile number as part of the registration process. These would be used for any communication from the CPP Portal.
4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (class 2 or class 3 certificates with signing key usage) issued by any certifying authority recognised by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.) with their profile.
5. Only one valid DSC should be registered by a bidder. Please note that bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
6. Bidder then logs into the site through the secured log-in by entering their user ID / password and the password of the DSC / eToken.

SEARCHING FOR QUOTATION DOCUMENTS

1. There are various search options built in the CPP portal to facilitate bidders to search active Quotations by several parameters. These parameters could include Quotation ID, organisation name, location, date, value, etc. There is also an option of advanced search for Quotations, wherein the bidders may combine a number of search parameters such as organisation name, form of contract,

location, date, other keywords etc. to search for a Quotation published on the CPP portal.

2. Once the bidders have selected the Quotations they are interested in, they may download the required documents / Quotation schedules. The Quotations can be moved to the respective “My Quotations” folder. This would enable the CPP portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the Quotation document.
3. The bidder should make a note of the unique Quotation ID assigned to each other, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

1. Bidder should take into account any corrigendum published on the Quotation document before submitting their bids.
2. Please go through the Quotation advertisement and the Quotation document carefully to understand the documents required to be submitted as part of the bids. Please note the number of covers in which the bid documents have to be submitted. Any deviations from these may lead to rejection of the bids.
3. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the Quotation document / schedule and generally, they can be in PDF / XLS / RAR / DWF formats. Bid documents may be scanned with 100 dpi with black & white option.
4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor’s certificates, etc.) has been provided to the bidders. Bidders can use “My Space” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

1. Bidder should log into the site well in advance for bid submission so that he / she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the Quotation document.
3. Bidder has to select the payment option as “on-line” to pay the Quotation fee / EMD as applicable and enter details of the instrument. Whenever, EMD / Quotation fees is sought, bidders need to pay the Quotation fee and EMD separately on-line through RTGS (Refer to Schedule, Page no. 3)

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4. A standard BOQ Format has been provided with the Quotation document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. Bidders are required to download the BOQ file, open it and complete the white coloured [unprotected] cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.

   OR

   In some cases financial bids can be submitted in PDF format as well (in lieu of BOQ).

5. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
6. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorised persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done.
7. The uploaded Quotation documents become readable only after the Quotation opening by the authorised bid openers.
8. Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
9. Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.

ASSISTANCE TO BIDDERS

1. Any queries relating to Quotation document and the terms and conditions contained therein should be addressed to the Quotation inviting authority for a Quotation or the relevant contact person indicated in the Quotation.
2. Any queries relating to the process of online bid submission or queries relating to CPP portal in general may be directed to the 24 x 7 CPP Portal Help Desk. The contact number of the helpdesk is 18002337315.

GENERAL INSTRUCTIONS TO THE BIDDERS

1. The Quotations will be received online through portal https://eprocure.gov.in/eprocure/app. In the technical bids, the bidders are required to upload all the documents in PDF format.
2. Possession of a valid class II / III Digital Signature Certificate (DSC) in the form of smart card / e-token in the company's name is a prerequisite for registration and participating in the bid submission activities through https://eprocure.gov.in/eprocure/app. Digital Signature Certificates can be obtained from the authorised certifying agencies, details of which are available in the website https://eprocure.gov.in/eprocure/app under the link "Information about DSC".
3. Quotationers are advised to follow the instructions provided in the "Instructions to the Quotationer" for the e-submission of the bids online through the Central Public Procurement Portal for e-procurement at https://eprocure.gov.in/eprocure/app.

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INFORMATION & INSTRUCTION TO BIDDERS FOR E-QUOTATIONING

Executive Engineer (Electrical)-I, Indian Institute of Technology Delhi, Hauz Khas, New Delhi – 110016, Ph. No. 011-2659 1742 on behalf of Board of Governors invites online **Item Rate Quotation** from **Eligible Bidders [Class - 1 Local Supplier / Service provider as per GoI Orders No. P-45021/2/2017-PP (BE-II) dated 04-06-2020]** as per details given below:

Sr. No.	NIT No.	Name of Work & Location	Estimated cost put to bid (₹)	Earnest money (₹)	Period of completion	Last date & time of submission of bid	Time & date of opening of Technical Bid	Time & date of opening of Financial Bid
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	10158/84/IITD(SNP)/EW/2021-22	Internal Electrification and Installation of Room No. 554 allotted to Centre for atmospheric science lab on 3rd Floor ITEC Building, Sonipat Campus.	3,32,170.00	EMD Declaration be submitted	15 days	Upto 3 PM of 28-03-2022	29-03-2022 at 15.00 PM	To be decided after assessing Technical Bids

1. Contractors who fulfil the following requirements shall be eligible to apply. Joint ventures are not accepted.

a. Should have satisfactorily completed the works as mentioned below during the last Seven years ending **previous day of last date of submission of bids.**

i. **Three** similar works each costing not less than **Rs.1,33,000.00**, or **two** similar works each costing not less than **Rs.1,99,000.00**, or one similar work costing not less than **Rs.2,66,000.00.**

2. **In lieu of Earnest money** EMD Declaration shall have to be submitted as per prescribed format.

3. The value of executed work 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 last date of submission of financial bid.

4. **Similar work means Providing & Fixing Electrical Installations in buildings or elsewhere.**

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5. **Work means** work done with some Central Government Department / State Government Department / Central Autonomous Body / *State Autonomous Body* / Central Public Sector Undertaking / *State Public Sector Undertaking* / *City Development Authority* / *Municipal Corporation of City formed under any Act by Central / State Government and published in Central / State Gazette*.

6. Completion certificates are required to be got issued by an officer not below the rank of Assistant Engineer of similar works completed by the Firm. The work experience certificates submitted by the bidders shall clearly indicate that:

   a. The similar work executed shall be **as per '4 & 5' above**

   b. The completed cost of the work

   c. Actual date of completion of the work

7. IITD is committed to follow the principle of transparency, equity and competitiveness in public procurement. Before submission of bid, **each bidder should sign integrity pact at respective places** and submit the bid. **If duly signed integrity pact is not submitted by bidder, such bid shall not be considered.**

8. **The intending bidder must read the terms and conditions**. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.

9. Information and Instructions for bidders posted on website shall form part of bid document.

10. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website e-procure.gov.in free of cost.

11. But the bid can only be submitted after submission of EMD Declaration form duly signed by the bidder as per prescribed format.

12. Copy of all mandatory documents as desired in the NIT shall be scanned and up-loaded to the e-Quotationing website within the period of bid submission. However, certified / original copy of all the scanned and up-loaded documents shall have to be submitted by the lowest bidder only within a week physically in the office of e-Quotationing authority, if so desired, by the Quotation inviting authority.

13. Online bid documents submitted by intending bidders shall be opened only of those bidders, who has submitted prescribed EMD Declaration and other documents scanned and uploaded are found in order.

14. Those contractors not registered on the website mentioned above, are required to get registered beforehand. Bidders should refer "Instruction for Online Bid Submission" given earlier for further assistance.

15. When bids are invited in two / three stages systems and if it is desired to submit revised financial bid it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.

16. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.

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17. Contractors must ensure to quote rate of each item.

18. 'Class – 1 Local Supplier' means a supplier or service provider, whose goods, services or works offered for procurement has local content equal to or more than 50% as defined under Order No. P-45021/2/2017-PP(BE-II) dated 04-06-2020 issued by Department for Promotion of Industry and Internal Trade (Public Procurement Section), Ministry of Commerce and Industry, Govt of India.

a. 'Local Content' means the amount of value added in India which shall unless and otherwise prescribed by the nodal ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all domestic duties) as a proportion of the total value, in percent.

b. For the purpose of verification of 'Local Content', the Class-1 Local Supplier / Service Provider at the time of bidding, Quotation or solicitation shall be required to indicate percentage of local content and provide self-certification that the items offered meet the local content requirement for Class – 1 Local Supplier. They shall also give details of the location(s) at which the local value addition is made.

c. In cases of procurement for a value in excess of 10 crore, the Class – 1 Local Supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in case of the companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.

d. Nodal Ministries may constitute committees with internal and external experts for independent verification of self-certifications and auditor's / accountant's certificates on random basis and in the case of complaints.

e. False declarations will be in breach of Code of Integrity under rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for upto two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

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List of Mandatory Documents to be scanned and uploaded within the period of bid submission:

1. Annexure – 1 duly filled in and got signed
2. EMD Declaration (Annexure – 2) duly signed on firm letter head
3. **Self-certification** on **OEM letter head** for the purpose of verification of 'Local Content', (refer clause 18 above) the 'Class-1 Local Supplier / Service Provider' indicating --
    - **a.** Percentage of local content
    - **b.** Items offered meet the local content requirement for 'Class – 1 Local Supplier'
    - **c.** Details of the location(s) at which the local value addition is made
4. Certificate of work experience as desired (vide clauses 4 & 5 above)
5. Certificate of GST Registration of the State in which the work is to be taken up, if already obtained by the bidder. If the bidder has not obtained GST registration in the State in which the work is to be taken up, or as required by GST authorities then in such a case the bidder shall scan and upload following undertaking alongwith other bid documents.

    "if work is awarded to me, I/we shall obtain GST registration certificate of the State, in which work is to be taken up within one month from the date of receipt of award letter or before release of any payment by IIT Delhi, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on a/c of the work executed and/or for any action taken by IIT Delhi or GST department in this regard."
6. EPFO & ESIC Registration proof with **upto date paid challan**
7. Valid Electrical Licence in the name of the contractor
8. Any other document as specified in the NIT

Executive Engineer [Electrical]
For & on Behalf of BOG, IIT Delhi

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COMMERCIAL AND ADDITIONAL CONDITIONS

1. GENERAL

1.1. This specification covers supply and delivery of materials at site, all preparatory work assembly and installation, commissioning and putting into operation of Electrical Installations & final testing & commissioning at site.

1.2. Location: **The work shall be done in I-Tec Building, 3rd Floor, Sonipat Campus of IIT Delhi**

1.3. The work shall be executed as per CPWD General Specifications for Electrical Works Part-I (Int.) 2013, Part-II (Ext.) 1994, as amended upto date, relevant I.E. Rules, BIS/IEC and as per directions of Engineer-in- Charge. These additional specifications/conditions are to be read in conjunction with above and in case of variations; specifications given in these additional conditions shall apply. However, nothing extra shall be paid on account of these additional specification and conditions, as the same are to be read along with schedule of quantities for the work.

1.4. The Quotationer should in his own interest visit the site and get familiarize with the site conditions before Quotationing.

1.5. No T&P shall be issued by the Department and nothing extra shall be paid on account of this.

2. COMMERCIAL CONDITIONS:

2.1. Submission and opening of Quotations:

2.1.1. The Quotation is in two parts:

2.1.1.1. Part-I -Technical cum Un-priced commercial Bid

2.1.1.2. Part-II-Price Bid

2.2. The Quotation shall be submitted online, duly completed as per NIQ conditions within period of bid submission.

2.3. The Quotationers are advised not to deviate from the technical specifications / item, commercial terms and conditions of NIQ like terms of payment, guarantee, arbitration clause, escalation etc.

2.4. Technical cum un-priced commercial bid only shall be opened on the due date and time in the presence of Quotationers or their authorized representative who wish to remain present.

2.5. Scrutiny/evaluation of the technical-cum-commercial bid shall be done by the department. In case, it is found that the technical-cum-commercial bid of a Quotationer is not in line with NIQ specifications/requirements and/or contains too many deviations, the department reserves the right to reject the technical bid of such firms(s) without making any reference to the Quotationer(s).

2.6. Necessary clarifications required by the department shall have to be furnished by the Quotationer within the time given by the department for the same. The Quotationer will have to depute his representative to discuss with the officer(s) of the department as and when so

desired. In case, in the opinion of the department a Quotationer is taking undue long time in furnishing the desired clarifications, his bid will be rejected without making any reference.

2.7. After obtaining clarification from all the Quotations, the department will intimate the Quotations whose technical cum commercial bids are acceptable.

2.8. The price bids of only those Quotationers shall be opened whose technical bids are found to be technically acceptable. The time and date of opening of price bid shall be fixed after the technical cum unpriced commercial bid is accepted and intimated to them by post/Fax/e-mail.

2.9. The department reserves the right to reject any or all the price bids and call for fresh prices/Quotations as the case may be without assigning any reason.

3. TERMS OF PAYMENTS

3.1. Payment shall be released after successful completion (Supply, Installation, Testing and satisfactory commissioning) of the work. Bidder should note that necessary documents (PAN card, Cancelled cheque, GST Reg. proof and RTGS mandate form as per prescribed proforma of IIT Delhi) be submitted as soon as the work is awarded to them. Separate Contractor's Code shall be generated in IIT Delhi if the bidder is a new contractor to IIT Delhi ('Code' is perpetual in nature). Payment shall be processed after submission of Invoice and necessary documents / certificates (as mentioned in the NIT). There is a prevailing practice of pre-audit (for total Quotationed amount more than 3 lakhs) at IIT Delhi before releasing payment. Bidder shall have to comply all necessary documents as outlined in the Contract as to be desired by the Auditor and or by the Accountant. It may take one to two months in the whole process (from submission / acceptance of bill in CMB / MB by the contractor upto processing by Accounts section) to release payment subject to quick compliance of all submittals by the contractor. Applicable Taxes shall be got deducted from the bill as per prevailing orders of the Government. 'GST part of the bill' shall be released after submission of proof of payment of GST, i.e. B2B challan, etc. as may be, by the contractor. For the AMC part, yearly payment be released upon successful maintenance of the machines.

4. AWARD OF WORK

4.1. Work shall be awarded to the successful bidder only after concurrence of the **Auditor of the Internal Audit Section** of the IIT Delhi as per extant Rules of the Institute.

5. SECURITY DEPOSIT

5.1. Security Deposit shall be deducted from each running bill and final bill to the extent of 5% of the gross amount payable. **The security deposit shall be released on the expiry of guarantee period (DLP) as stipulated**.

5.2. Income tax, GST, labour cess & other statutory deduction etc. shall be made at source as per the prevalent laws. The deduction of Security Deposit, Income Tax, etc., shall be done after calculation for the above due payment as per clause 3 above and net payment shall reduce accordingly.

6. RATES

6.1. The rates quoted by the Quotationer, shall be firm and inclusive of all taxes (including works GST & labour cess), duties, levies, etc. and all charges for packing forwarding, insurance, freight and delivery, installation, testing and commissioning etc. at site including temporary construction of storage, risks overhead charges, general liabilities/ obligations.

7. COMPLETENESS OF QUOTATION

7.1. All sundry equipments, fitting, unit assemblies, accessories, hardware items, foundation bolts, termination lugs for electrical connections and all other items which are useful and necessary for efficient assembly and installation of equipment and components of the work shall be deemed to have been included in the Quotation irrespective of the fact whether such items are specially mentioned in the Quotation documents or not.

8. STORAGE AND CUSTODY OF MATERIAL

8.1. The agency has to make his own arrangement for storage. No separate storage accommodation shall be provided by the department Watch and ward of the storage and their safe custody shall be responsibility till the final taking over of the installation by the department.

9. CARE OF THE BUILDING

9.1. Care shall be taken by the contractor while handling and installing the various equipment and components of the work to avoid damage to the building. He shall be responsible for repairing all damages and restoring the same to their original finish at his cost. He shall also remove at his cost all unwanted and waste material arising out of the installation from the site of work.

10. COMPLETION PERIOD

10.1. The completion period indicated in the Quotation documents is for the entire work of planning, designing, approval of drawings etc, arrangement of materials & equipments, delivery at site including transportation, installation, testing, commissioning and handing over of the entire system to the satisfaction of the Engineer-in-charge.

11. GUARANTEE

11.1. The contractor shall guarantee the entire electrical installation as per specifications both for components and for system as a whole. All equipments shall be guaranteed for one year from the date of acceptance against unsatisfactory performance and / or breakdown due to defective design, workmanship or material. The equipment or component, or any part thereof, so found defective during guarantee period shall be forthwith repaired or replaced free of cost to the satisfaction of the Engineer-in- Charge. In case it is felt by the department that undue delay is being caused by the contactor in doing this, the same will be got done by the department at the risk and cost of the contractor. The decision of Engineer-in-Charge in this regard shall be final & binding on the contractor.

11.2. The Quotationer shall guarantee among other things, the following:

11.2.1. Quality, strength and performance of the material used as per manufacturer's standards.

11.2.2. Safe mechanical and electrical stress on all part under all specified conditions of operation.

11.2.3. Satisfactory operation during the maintenance period.

12. POWER SUPPLY

12.1. Power supply shall be made available by the department at one point near the site free of cost, if required. Further, the arrangement for tapping power supply from this point shall be made by the contractor.

13. VALIDITY

13.1. Quotations shall be valid for acceptance for a period 60 days of days from the date of opening of price bid.

14. COMPLIANCE WITH REGULATIONS AND INDIAN STANDARDS

14.1. All works shall be carried out in accordance with relevant regulation both statutory and those specified by the Indian Standards related to the works covered by this specification in particular, the equipment and installation will comply with the following:

14.1.1. Factories Act

14.1.2. Indian Electricity Rules

14.1.3. B.I.S. & other standards as applicable

14.1.4. Workmen's compensation Act

14.1.5. Statutory norms prescribed by local bodies like fire department, CEA, Power Supply Co. etc.

15. INDEMNITY

15.1. The successful Quotationer shall at all times indemnify the department, consequent on this works contract. The successful Quotationer 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 equipments and ancillary equipment under the supervision of the successful Quotationer in so far as the latter is responsible. The successful Quotationer 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 successful Quotationer on account of the above.

16. ERECTION TOOLS

16.1. No tools and tackles either for unloading or for shifting the equipments for erection purposes would be made available by the department .The successful Quotation shall make his arrangement for all these facilities

17. COOPERATION WITH OTHER AGENCIES AND OCCUPANTS OF THE BUILDING

17.1. The successful Quotationer shall co-ordinate with other working contractors, if any and other occupants of different offices / Labs, etc., and exchange freely all technical information so as to make the execution of this work / contract smooth. No remuneration should be claimed from the department for such technical cooperation. If any unreasonable hindrance is caused to other agencies and any completed portion of the work has to be dismantled and re-done for want or cooperation and coordination by the Quotationer during the course of work, such

expenditure incurred will be recovered from the successful Quotationer if the restoration work to the original condition or specification of the dismantled portion of work was not under taken by the Quotationer himself.

18. MOBILIZATION ADVANCE

18.1. No mobilization advance shall be paid for this work

19. INTERPRETING SPECIFICATION

19.1. In interpreting the specification, the following order of decreasing importance shall be followed in case of contradictions:

19.1.1. Schedule of quantities

19.1.2. Technical Specification

19.1.3. Drawing (if any)

19.1.4. General Specification for Electrical Works of CPWD (relevant Parts)

19.1.5. Relevant BIS or other international code in case BIS code is not available.

20. POLICY OF THE INSTITUTE

20.1. **Insti**tute has a policy against **sexual harassment** and is committed to providing an environment free from **sexual harassment of women** at the workplace. Contractor shall have to abide by the policy of the Institute with due diligence. Any violation on the part of the contractor shall be dealt with the extant rules of the Institute.

20.2. The contractor whose bid is accepted will be required to furnish performance bank guarantee (PBG) of 3% (three percent) of the bid amount within 15 days or as to be mentioned in the letter of intent. In case the contractor fails to submit the PBG within the period as indicated, the bidder shall be suspended for one year and shall not be eligible to bid for IIT Delhi (Sonipat campus). Further no bill for the work shall be processed till PBG is submitted.

ANNEXURE - 1

<< Organization Letter Head >>

DECLARATION

I / We, _____ hereby declare that all the information and data furnished by our organization with regard to this Quotation specification are true and complete to the best of our knowledge. I / we have gone through the specification, conditions and stipulations in details and agree to comply with the requirements and intent of specification.

1	Name & Address of the bidder	**:**	
2	Phone	**:**	
3	E-mail	**:**	
4	Contact person name	**:**	
5	Mobile number	**:**	
6	GSTIN number	**:**	
7	PAN number	**:**	
8	UTR no. [if deposited online] for EMD	**:**	NOT APPLICABLE
9	DD / FDR / Banker's Cheque No. [if uploaded scanned copy] for EMD	**:**	NOT APPLICABLE
	BANK DETAILS of the Bidder		
10	Bank name	**:**	
11	Branch address	**:**	
12	Branch telephone no.	**:**	
13	MICR Code of the bank	**:**	
14	IFSC code	**:**	
15	Bank Account no.	**:**	
16	Type of account	**:**	
17	Pl attach one cancelled cheque	**:**	

We further declare that our organization has not been blacklisted / delisted or put to any holiday by any Institutional agency / Govt. Department / Public Sector Undertaking in the last three years.

(Signature& name of the bidder)
Seal of the bidder

C … Nil I ….. Nil O …… Nil

D'Man AEE / AE EE

ANNEXURE - 2

Performa for Earnest Money Deposition

(To be submitted on firm's letter head with Technical Bid)

Whereas, I/we ……..(write Name of Agency here) have submitted bids for **Internal Electrification and Installation of Room No. 554 alloted to Centre for atmospheric science lab on 3rd Floor ITEC Building, Sonipat Campus. .**

I/we hereby submit following declaration in lieu of submitting Earnest Money Deposit.

1. If after the opening of Quotation, I/we withdraw or modify my/our bid during the period of validity of Quotation (including extended validity of Quotation) specified in the Quotation documents,

   Or

2. If after the award of work, I/we fail to sign the contract, or to submit performance guarantee before the deadline defined in the Quotation documents,

I/we shall be suspended for one year and shall not be eligible to bid for IIT Delhi (Sonipat) Quotations from date of issue of suspension order.

Signature of the Bidder / Contractor
with stamp

TECHNICAL SPECIFICATIONS

1.0 The work shall be carried out as per CPWD general Specifications for Electrical Works Part – I, II & IV as amended upto date, relevant IE Rules and as per directions of Engineer-in-Charge. For electrical panels, CPWD General Specifications for Electrical Works Part-IV shall be applicable.

C … Nil I ….. Nil O …… Nil

D'Man AEE / AE EE

BID SUBMISSION CHECK LIST

ONLINE BID SUBMISSION:

The Online bids (complete in all respect) must be uploaded online in **two** Envelops as explained below:-

Envelope – 1 (Following documents to be provided as single PDF file)			
Sl. No.	**Documents**	**Content**	**File Types**
1	**Technical Bid**	Annexure – 1	.PDF
2		EMD Declaration – Annexure 2	.PDF
3		**Self-certification** on OEM letter head for the purpose of verification of 'Local Content', the 'Class-1 Local Supplier / Service Provider'	.PDF
4		Certificate of work experience as desired	.PDF
5		Certificate of GST Registration & declaration as applicable	.PDF
6		EPFO & ESIC Registration proof with upto date paid challan	.PDF
7		Valid Electrical Licence	.PDF
8		Any other document as specified in the NIQ	.PDF
Envelope – 2			
Sl. No.	TYPES	Content	
1.	**Financial Bid**	Price bid should be submitted in BOQ format.	.EXL

C … Nil I ….. Nil O …… Nil

D'Man AEE / AE EE

SCHEDULE OF QUANTITY

Name of work: **Internal Electrification and Installation of Room No. 554 allotted to Centre for atmospheric science lab on 3rd Floor ITEC Building, Sonipat Campus.**

S. No.	Description of work	Qty		Rate	Unit	Amount
1	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required . (Make: Havells / Legrand / HPL / L&T / ABB / Siemens / C&S / Standard / Schneider)					
1.1	12 way (4 + 36), Double door	1	Nos.		Each	
2	Supplying and fixing 63 A rating, TPN MCB 415 V, 10KA Capacity "C" curve, miniature circuit breaker suitable for inductive load in the existing MCB DB complete with connections, testing and commissioning etc. complete as required. (Make: Havells / Legrand / HPL / L&T / ABB / Siemens / C&S / Standard / Schneider)	1	Nos.		Each	
3	Supplying and fixing 5 A to 32 A 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. (Make: Havells / Legrand / HPL / L&T / ABB / Siemens / C&S / Standard / Schneider)					
3.1	Single pole 32A	36	Nos.		Each	
4	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. (Make Legrand)					
4.1	6 pin 15/16 A socket outlet	60	Nos.		Each	
4.2	15/16 A switch	60	Nos.		Each	
4.3	3 pin 5/6 A socket outlet	40	Nos.		Each	
4.4	5/6 A switch	40	Nos.		Each	

C … Nil I ….. Nil O …… Nil

D'Man AEE / AE EE

5	Providing and fixing FR PVC DLP adaptable trunking with cover of (100 mm x 50 mm) size on existing wall etc. as required.(Make :- Legrand)	75	Meter		Meter	
6	Providing and fixing following accessories on the existing FR PVC trunking of (100 mm X 50 mm) size etc. as required. (Make Legrand)					
6.1	End Caps for 100 mm X 50 mm trunking (Make: Legrand)	8	Nos.		Each	
6.2	6 modules Arteor frame support suitable for (100mmX50mm) size Trunking (Make: Legrand	55	Nos.		Each	
6.3	Flate angle for 100 mm x 50 mm trunking (Make: Legrand)	25	Nos.		Each	
6.4	Internal angle for 100 mm x 50 mm trunking (Make: Legrand)	20	Nos.		Each	
6.5	External angle for 100 mm x 50 mm trunking (Make: Legrand)	20	Nos.		Each	
6.6	Body Joint for 100 mm x 50 mm trunking (Make: Legrand)	75	Nos.		Each	
6.7	Cover Joint for 100 mm x 50 mm trunking (Make: Legrand)	75	Nos.		Each	
7	Supplying and fixing 32 A, 240 V, Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 32 A "C" curve, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required. (Make: Havells / Legrand / HPL / L&T / ABB / Siemens / C&S / Standard / Schneider)	4	Nos.		Each	

C … Nil I ….. Nil O …… Nil

D'Man AEE / AE EE

8	Supply & fixing of GI Pre Galvanized Floor Raceway of size 50mmX20mm/ as per site requirement on the floor with the help of screws etc complete as required as per the direction of Engineer in charge	4	Meter		Meter	
9	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providng and fixing 2 nos. 3 pin 5/6 A modular socket outlet and 2 nos. 5/6 A modular switch, connections etc. as required. (For light plugs to be used in non-residential buildings).	4	Nos.		Each	
10	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	200	Metre		Metre	
11	Supplying and drawing following sizes of ISI marked FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. (Make: Finolex / L&T / Havells / Polycab / RR Kabel / KEI / Universal)					
11.1	a) 3x4Sqmm.	400	Metre		Metre	
11.2	b) 3x6Sqmm.	450	Metre		Metre	
					Total	

T.S. Plg. **J.E. (E)** **AEE** **AEE (E) Plg.** **EE (E)**

C … Nil I ….. Nil O …… Nil

D'Man AEE / AE EE