



INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI

ENGINEERING UNIT

E-mail: eutenders@iittp.ac.in

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Notice Inviting Tender

e-Tender No-IITT/EU/EE(C)/23-24/001

Date: 03-05-2023

Online **Percentage Rate** bids are hereby reinvited in a **two-cover system** from eligible contractors for **Comprehensive Civil AMC for Carpentry, Plumbing, External development works, and day-to-day maintenance works in IIT Tirupati, Yerpedu (M), Tirupati (Dt)**. Bidders can download a complete set of bidding documents from the e-procurement Platform <https://eprocure.gov.in/eprocure/app> from 04-05-2023 onwards. Bidders need to submit the bids online by uploading all the required documents through <https://eprocure.gov.in/eprocure/app>.

The last Date/ Time for receipt of bids through e-procurement is 10-05-2023 up to 15:00 Hrs.

Late bids will not be accepted.

For further details regarding Tender Notification & Specifications, please visit the website:

<https://eprocure.gov.in/eprocure/app> and www.iittp.ac.in/tenders

CRITICAL DATE SHEET

Online Publication Date & Time	03-05-2023, 16:30 Hrs
Clarification Start Date & Time	04-05-2023, 09:00 Hrs
Clarification End Date & Time	08-05-2023, 18:00 Hrs
Bid Submission Start Date & Time	04-05-2023, 09:00 Hrs
Bid Submission End Date & Time	10-05-2023, 15:00 Hrs
Technical Bid Opening Date & Time	11-05-2023, 15:30 Hrs
Price Bid Opening Date & Time	It will be announced after technical evaluation to the successful bidders.



INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI ENGINEERING UNIT, TIRUPATI – 517619		
e-ENVELOPE – 1 ELIGIBILITY BID		
e-Tender No-IITT/EU/EE(C)/23-24/001		
EXECUTIVE ENGINEER (CIVIL), Indian Institute of Technology Tirupati invites percentage rate e-Tenders, in two envelope system (Application for eligibility and financial Bid) for the following work from the Tenderer who satisfy the Eligibility Criteria given below.		
<u>1. PARTICULARS OF WORK</u>		
1.	Name of work	Comprehensive Civil AMC for Carpentry, Plumbing, External development works, and day-to-day maintenance works in IIT Tirupati, Yerpedu (M), Tirupati (Dt).
2.	Approximate Estimate Cost put to e-Tender (ECPT)	Rs 400 Lakhs (Rupees Four hundred lakhs only)
3.	Tender fee	Rs 1500 (Rupees One thousand five hundred only)
4.	Earnest Money Deposit (EMD) : Scanned copy of the Demand draft to be uploaded to web site.	Rs.12 Lakhs. (Rupees Twelve Lakhs only)
5.	Time for completion	12 months
6.	Validity of the tender	90 days from the date of opening of the tender
7.	Date of Pre-bid Meeting & Venue	It will be intimated later
8.	Last Date for Submission of e-Tender	10-05-2023, 15:00 Hrs
9.	Date of Opening of the Eligibility document	11-05-2023, 15:30 Hrs
10.	Date of opening of the financial Bid	It will be intimated later to the Eligible Tenderer
11	Address of the Engineer-in-Charge	Office of the Executive Engineer (Civil), 1st Floor, Engineering Unit, IIT Tirupati Permanent campus, Yerpedu Mandal, Tirupati – 517619.

Certified that this document contains **80 pages** (including this page)

Executive Engineer (Civil)

It is certified that no addition or deletion has been made to the tender documents downloaded from the e-Tender website.

Signature of the Contractor

INDEX

Name of Work: Comprehensive Civil AMC for Carpentry, Plumbing, External development works, and day-to-day maintenance works in IIT Tirupati, Yerpedu (M), Tirupati (Dt)

Sl. No.	Description	Page No.
1	Invitation for e-Tender	01
2	Eligibility Criteria	05
3	Procedure for viewing and submission of e-Tender	06
4	Opening of e-Tenders	09
5	Evaluation of the Applications for eligibility	10
6	Information and instructions to the Applicants	10
7	Opening of Financial Bids	14
8	Scope of the work	15
9	Conditions of Contracts	19
10	Schedules	36
11	Additional specifications	40
12	Statutory Requirement / Approval from Statutory Authority	46
13	Special condition of protection of environment	47
14	Safety At site	48
15	Insurance	49
16	Progress reports	54
17	List of approved Make / Brand	55
18	Forms (To be duly filled, signed, scanned and uploaded along with e-Envelope -1 by the Tenderer)	62
19	Financial Bid And BoQ	



**INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI
ENGINEERING UNIT**

INVITATION FOR e-TENDER

e-Tender No: IITT/EU/EE(C)/23-24/001

EXECUTIVE ENGINEER (Civil), Indian Institute of Technology Tirupati invites percentage rate e-Tenders, in two envelope systems (Application for eligibility and financial Bid) for the following work from the Tenderers. They satisfy the Eligibility Criteria given below.

1. PARTICULARS OF WORK

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2. ELIGIBILITY CRITERIA

2.1. Experience

Tenderers who fulfill the following criteria are eligible to submit the Eligibility document technical bid - (Cover 1) and Financial Bid (Cover 2).

Tenderer who has

- i. Experience of completing works as detailed below during the last 7 (Seven) years ending up to 31st December 2022 shall be considered.

a. Three similar completed works each costing not less than Rs.160 Lakhs (40%)

or

b. Two similar completed works each costing not less than Rs.240 Lakhs (60%)

or

c. One similar completed work costing not less than Rs.320 Lakhs (80%)

and

- ii. **At least one similar work costing not less than Rs. 160 Lakhs should have been carried out for any Central Government department/ State Government/ Central Autonomous Bodies / Central Public Sector Undertakings/ Reputed private organizations and to be successfully completed.**

"Cost of work" for this clause shall mean completed work as mentioned in the final bill, including civil works carried out under a single Contract, including the cost of materials, if any, supplied by clients. However, the cost of materials issued free of cost shall not be considered for calculating the work cost. The value of executed works shall be brought to the current costing level by enhancing the actual value of work at a simple rate of 7% per annum, calculated from the Date of completion to the last Date of receipt of applications for bids.

"Similar work" for this clause means **"Civil addition & alteration / renovation / maintenance and Building Construction works"**.

Note: On going works will not be considered for the technical evaluation.

The following documentary proof shall be scanned and uploaded.

1. Completion certificates in case of works carried out for Government department. The certificate should have been issued by an officer not below the rank of Executive Engineer.
2. Completion certificate and TDS in case of works carried out for private parties. The completion certificate should have been issued by the Project Manager or equivalent officer with contact details.

2.2. Financial

- 2.2.1 Should have an average annual financial turnover of Rs.200 lakhs (30 % ECPT) during the last 3 (three) years ending 31-03-2022. This should be certified by a chartered accountant.
- 2.2.2 Should not have incurred any loss in more than one year during the last 5 (five) years ending 31-3-2022.
- 2.2.3 Should have Banker's certificate of Rs. 90 Lakhs (40 % ECPT) certified by the bankers of the applicant. The certificate should have been obtained not earlier than 31.03.2022.

- 2.3. **Interested tenderers can view and submit the e-tender in the following order through the following e-tender website (<https://etenders.gov.in/eprocure/app> and [http:// iitp.ac.in/tenders/](http://iitp.ac.in/tenders/))**

e-Envelope I – The eligibility application shall be uploaded with

- 1) EMD as prescribed in this document Para 3.2.2.
- 2) Necessary supporting documents as prescribed in Para 3.2.3.

e-Envelope II – Financial Bid shall be uploaded with

- 1) The tender for the work with various conditions, specifications, Bill of quantity, drawings etc.

2.4. Declaration

- 2.4.1 The bidder shall not be from a country sharing land border with India and if the bidder is from a country sharing land border with India the bidder should have been registered with the competent authority as per orders of DIPP OM No. F. No. 6/18/2019-PPD dated 23rd July 2020, and MoCI Order No. P-45021/112/2020-PP (BE II) (E-43780) dated 24th August 2020. Non-submission of self-declaration will lead to rejection of Bid out rightly.
- 2.4.2 Only 'Class-I local suppliers' and 'Class-II local suppliers', as defined under DIPP, MoCI Order No. P-45021/2/2017-PP (BE II) dated 16th September 2020 and other subsequent orders issued therein, shall be eligible to bid in this tender. Declaration for Class-I and Class-II local suppliers should be submitted in the prescribed proforma as per Annexure-II. Non-submission of self-declaration will lead to rejection of Bid out rightly and the bidder will be treated as non-local supplier.

3. **PROCEDURE FOR VIEWING AND SUBMISSION OF e-TENDER**

- 3.1. Tender Documents may be downloaded from Central Public Procurement Portal <https://etenders.gov.in/eprocure/app>. The bidders who have not enrolled / registered in

e-procurement should enroll / register before participating through the website <https://etenders.gov.in/eprocure/app>. The portal enrolment is free of cost. Bidders are advised to go through instructions provided at "Help for contractors". [Special Instructions to the Contractors / Bidders for the e-submission of the bids online through this eProcurement Portal"]. Tenderers can access, view and download tender documents on the IIT Tirupati website. Select the appropriate tender and fill them with all relevant information and submit the completed tender document online on the website <https://etenders.gov.in/eprocure/app> as per the schedule attached.

A. Instructions for submission of online Bid:

- i. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal [URL:https://etenders.gov.in/eprocure/app](https://etenders.gov.in/eprocure/app) by clicking on "Online Bidder Enrollment". Enrolment on the CPP Portal is free of charge.
- ii. As part of the enrolment process, the bidders will be required to choose a unique user name and assign a password for their accounts.
- iii. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- iv. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.)
- v. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective "My Tender" folder. This would enable the CPP Portal to intimate the bidders through SMS / email in case there is any corrigendum issued to the tender document.
- vi. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.
- vii. Bidder, in advance, should prepare the bid documents to be submitted as indicated in the tender document / schedule and generally shall be in PDF / XLS formats as the case may be. Bid documents may be scanned with 100 dpi with black and white option.
- viii. 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, GSTIN Details, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Documents" 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.

- ix. The tenders will be received online through portal <https://etenders.gov.in/eprocure/app>. All the technical/Eligibility related documents should be uploaded in Technical bids in pdf format for evaluation purpose.
- x. 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 date and time. Bidder will be responsible for any delay due to other issues. ii. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- xi. A standard BOQ format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should submit their financial bids in the format provided and that no other format is acceptable. Bidders are required to download the BOQ file, open it and complete the detail with their respective financial quotes and other details (such as the bidder's name). If the BOQ file is found to be modified by the bidder, the Bid will be rejected.
- xii. The server time (displayed on the bidders' dashboard) will be considered the standard time for referencing the deadlines for submitting bids by the bidders, opening of bids, etc. The bidders should follow this time during bid submission.
- xiii. The Tender Inviting Authority will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders due to local issues.
- xiv. The uploaded tender documents become readable only to public view after the tender opening by the authorized bid openers.
- xv. 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.
- xvi. Kindly add a scanned PDF of all relevant documents in a single PDF file of the compliance sheet.

B. Assistance to bidders

- i. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
 - ii. Any queries relating to online bid submission or CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is [0120-4200462, 0120-4001002, 0120- 4001005].
- 3.2. The tender shall be submitted through the above e-Tender website as a two-envelope tender.

E-Envelope 1 (application for eligibility) shall be uploaded with:

1. Letter of transmittal in the enclosed format.

2. Earnest Money Deposit: Rs.12.0 Lakhs towards Earnest Money Deposit (EMD) drawn in favor of IIT Tirupati, Tirupati - 517 619 and payable at Tirupati through NEFT/RTGS / ECS.
3. Details regarding Experience and financial standing.
The following documents in support of Experience and financial standing shall be uploaded with the application for eligibility.
 - a) Banker's certificate from the bankers of the applicant
 - b) Financial information in the form – 'A' enclosed
 - c) Details of similar works carried out in the past in form – 'B' enclosed
 - d) Performance report of works referred to in form 'B' in Form – 'D' enclosed
 - e) Details regarding the structure of the organization in form - 'E' enclosed
 - f) Details of technical and administrative personnel in form – 'E1' enclosed
 - g) Details of the construction plant and equipment in form – 'F' enclosed
 - h) GST Registration Certificate
 - i) Letter of Transmittal
 - j) Undertaking for the tender fee and EMD- Annexure-I
 - k) Undertaking for the terms and conditions-Annexure-II
 - l) Undertaking for the IIT Tirupati site visit-Annexure-III
 - m) Undertaking for the not to sublet the work-Annexure-IV
 - n) Minimum work force support required for the Part-A Works-Annexure-V
 - o) BG format for Security Deposit- Annexure-VI
 - p) Declaration as enclosed in Annexure VII & Annexure VIII.
4. The tender for the work with various conditions, specifications and drawings etc.
5. The spread sheet containing the Bill of Quantity can be downloaded from the above website, and the same shall be uploaded to the e-Tender website after filling in the rates. The file name of the spreadsheet document, which is downloaded from the e-Tender website, should not be changed at any case.

4. OPENING OF e-TENDERS

- 4.1. e-Tenders can be uploaded to the e-tender website till the stipulated Date and time of submission.
- 4.2. e-Tenders of only those tenderers who have deposited Earnest Money Deposit in the prescribed form and other documents scanned and uploaded are found in order will be opened after 3.00 P.M.
- 4.3. Tender document containing the eligibility application & EMD will be opened on the Date of opening of tender, terms, and conditions, payment conditions, etc.
- 4.4. Tender Documents uploaded without valid EMD shall be summarily rejected.

5. EVALUATION OF APPLICATIONS FOR ELIGIBILITY.

- 5.1. The applications received shall be evaluated for eligibility to take part in the tendering process by a two-stage system.
- 5.2. The applications will be evaluated for conformity to the eligibility criteria prescribed in 2.1 to 2.4.
- 5.3. The Indian Institute of Technology Tirupati reserves the right to restrict the list of eligible Tenderers to any number deemed suitable.
- 5.4. Even though an applicant may satisfy the specified criteria, he would be liable to disqualification if he has:
 1. Made misleading or false representations or deliberately suppressed the information in the forms, statements and enclosures required in the application for eligibility.
 2. Record of poor performance such as slow work progress, abandoning work, not properly completing the Contract, or financial failures/ weaknesses etc.
- 5.5. A list of eligible applicants whose financial bids will be opened shall be prepared and all concerned shall be intimated.
- 5.6. The employer reserves the right to accept or reject any application, annul the qualification process / e-Tender process, and reject all applications at any time without assigning any reason or incurring any liability to the applicants.
- 5.7. Earnest Money Deposit (EMD):

The Earnest Money of the successful Tenderer will be taken as part of the Security Deposit as stipulated in Clause 1A of "General conditions of Contract". EMD of unsuccessful bidders shall be refunded with 30 days after the finalization.

6. INFORMATION AND INSTRUCTIONS TO APPLICANTS

6.1. Definitions:

The following words and expressions have their meaning here by assigned to them.

1. EMPLOYER means IIT Tirupati acting through the Executive Engineer (Civil), Engineering Unit.
2. APPLICANT means individuals, proprietary firms, firm in partnership, the limited companies – private and Public Corporations
3. Engineer-in-charge means EXECUTIVE ENGINEER (CIVIL), IITT
4. Tender means "**e-Tender**" which will be submitted online through the dedicated website.

6.2. Information and Instructions

1. The applicant must visit the site of work at his own cost and examine it and its surroundings and collect all information that he considers necessary for proper assessment of prospective assignment.

2. All information called for in the enclosed forms should be duly filled, signed, scanned and uploaded along with the e-Tender. If additional information needs to be uploaded in a separate document, reference to the same should be given against respective columns. Such separate documents shall be chronologically uploaded in the e-Tender website. If information is 'nil' it should also be mentioned as 'nil' or 'no such case'. If any particulars/query is not applicable in case of the applicant, it should be stated as 'not applicable'.
3. The applicants are cautioned that not giving complete information called for in the application forms required, not giving it in clear terms or making change in the prescribed forms or deliberately suppressing the information may result in the applicant being summarily disqualified.
4. The applicant may furnish any additional information, which he thinks is necessary to establish his capabilities to successfully complete the envisaged work. However, the applicants are also advised not to upload superfluous/ additional information beyond the requirements of the Bid. No information will be entertained after the application is submitted, unless it is called for by the Institute.
5. Applications made by email, fax, post or by person will not be considered.
6. Clarifications, if any, or any additional information needed may be requested for in the **Pre bid meeting**. The clarifications given and additional information furnished by IIT Tirupati during pre-bid Meeting will form part of the Contract. The minutes of Prebid Meeting, corrigendum and Addendums will be uploaded in the e-Tender website.
7. Documents submitted in connection with the tender will be treated as confidential and will not be returned.
8. Tenderer can upload documents in the form of JPG format and PDF format. The size of individual file should not exceed more than 5MB.
9. Tenderers are requested to comply following instructions:
 - I. After submission of the online Bid the Tenderer can re-submit revised online bid any number of times but before last Date and time of submission of tender as notified.
 - II. While submitting the revised Bid, Tenderer can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and Date of submission of tender as notified.
10. The percentage rate must be quoted in decimal percentage.
11. The cell meant for quoting percentage rate in figures appears in cyan colour. In addition to this, cell containing options like Excess / less which is to be selected by the Tenderer, accordingly the amount quoted shall be calculated automatically. While selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).

12. The tender submitted shall become invalid if:
 1. The Tenderer is found ineligible.
 2. The Tenderer does not upload all documents as stipulated in the tender document, including the undertaking about the deposition of the original Demand Draft (EMD) of the scanned copy of the EMD uploaded.
 3. If any discrepancy is noticed between the documents as uploaded at the time of submission of tender and hard copies as submitted physically by the lowest Tenderer with the Engineer-in-Charge, IIT Tirupati
13. No intimation shall be given to the tenderers for submission of physical EMD along with other documents with the Engineer-in-Charge, IIT Tirupati.

6.3. Authority to sign the application:

1. If an individual makes the application, he shall sign it above his full type-written name and current address.
2. If a proprietary firm makes the application, it shall be signed by the proprietor (with seal) above his full typewritten name & the full name of his firm with its current address.
3. If a firm in partnership makes the application, it shall be signed (with seal) by all the partners of the firm above their full typewritten names and current addresses or by a partner holding power of attorney for the firm in which case a certified copy of a power of attorney shall accompany the application. A certified copy of the partnership deed and the current addresses of all the firm partners shall also accompany the application.
4. Suppose a limited company or a corporation makes the application. In that case, it shall be signed by a duly authorized person holding power of attorney for signing the application. A certified copy of a power of attorney shall accompany the application. A limited company or corporation may be required to provide satisfactory evidence of its existence. The applicant shall also furnish a copy of the Memorandum of Articles of association duly attested by a Public notary.

6.4. Clarification on the tender document

A prospective Tenderer requiring any clarification on the Tender Document may send their queries through email id eutenders@iittp.ac.in addressed to **EXECUTIVE ENGINEER, IIT Tirupati** up to the date of pre-bid Meeting. All clarifications will be provided along with the minutes of pre-bid Meeting. No further communication regarding clarification/queries will be entertained after the pre-bid Meeting.

6.5. Pre-bid meeting

The Tenderer or his authorized official representative is invited to attend a Pre-bid Meeting in EU meeting room with the tender inviting authority. The meeting link will be published in the CPP portal one week before the pre-bid meeting. The purpose of the Meeting will be to clarify issues and to answer questions on any matter that may be raised at that Meeting. Non-attendance at the Pre-bid Meeting will not be a cause for disqualification of a Tenderer.

6.6. Amendment to tender documents

Before the deadline for submission of tenders, the tender document may be modified by issue of addendum. Any Addendum issued shall be part of the Tender Documents and shall be uploaded in the e-Tender website only. To give prospective Tenderers reasonable time in which to take the Addenda into account in preparing their tenders, extension of the deadline for submission of Tenders may be given as necessary.

6.7. Instructions for filling up the forms A, B, C, D, E & E1

1. Financial Information

The applicant should furnish the Annual financial statement for the last 3 (three) years in Form A.

2. Information about works.

1. List of all works of similar class successfully completed during last the 7 (seven) years in Form B
2. List of projects under execution or awarded in Form – C
3. Particulars of completed works and performance of applicant shall be duly authenticated / certified by an officer not below the rank of Executive Engineer in case of Government works or the Project Manager or an equivalent officer in case of non-governmental works separately for each work in Form - D

3. Information about the organization

Applicant is required to submit the following information in respect of his organization in form E and E1

1. Name and postal address including telephone and fax nos. etc. Copies of original documents defining the legal status, place of registration and principal places of business.
2. Names and titles of Directors and officers to be concerned with the work, with designation of individuals authorized to act for the organization.
3. Information on any litigation / arbitration in which the applicant was involved during the last 5 (Five) years including any current litigation / arbitration in process.

4. Authorization for employer to seek detailed references from clients to whom works were carried out.

5. Number of technical and administrative employees in parent company, subsidiary company and how these would be involved in this work – Form E 1

4. Construction Plant and Machinery

Applicant should furnish the list of construction plant and equipment including shuttering, centering, and scaffolding likely to be used for carrying out the work (in form F). Details of any other equipment not mentioned in form F but available with the applicant and likely to be used in this work may also be indicated.

5. Letter of Transmittal

The applicant should submit the letter of transmittal as per the format attached.

7. OPENING OF FINANCIAL BIDS

7.1. The technically qualified applicants' financial bids (Tender) will be opened on the Date and time to be intimated later.

7.2. Agreement shall be drawn with the successful Tenderer on prescribed Form No. CPWD 7 which forms part of e-Envelope 2 (Financial Bid)

8. SCOPE OF WORK

PART – A

(PLUMBING, CARPENTRY, EXTERNAL DEVELOPMENT, MASONRY WORK AND DAY-TO-DAY MAINTENANCE WORKS)

8.1 Brief about the IIT Tirupati campus

The Indian Institute of Technology Tirupati (IIT Tirupati), established in 2015, is an autonomous Institute under Ministry of Education, Government of India. It is declared as an Institute of National Importance under the Act of Parliament of India (Institutes of Technology Act, 1961).

IIT Tirupati operated from the temporary campus on Tirupati – Renigunta Road initially, but all campus activities moved to Yerpedu campus as of 01 August, 2022. The Stage 1A Transit Campus (over 36 acres) is integrated into the Permanent Campus spanning over 548.3 acres provided by the Government of Andhra Pradesh in Merlapaka Village on Yerpedu-Venkatagiri Highway. The Master Plan for the 12,000-student campus, has been completed. It shall include four zones, namely, Academic Zone, Hostel Zone, Housing Zone, and Recreational Zone, along with a transit campus (that is integrated with the permanent campus). It is planned to build the permanent campus in phases. A complete campus to cater to 2,500 students, 250 faculty members and 275 staff members is planned to be built by 2024. The construction is to be taken up in two stages. In Stage 1, to be completed by 2021, buildings and facilities to cater to 1,250 students and 120 faculty members are to be completed, and all operations are to be moved to the permanent campus. Subsequently, the campus shall be developed in various phases growing over 25-30 years to cater to a 12,000-student campus. Currently, the campus has air-conditioned classrooms of various capacities such as 40, 60, 90 and 120 seater classrooms to conduct classes. Also, high-end Laboratories of Civil, Mechanical, and Electrical engineering are operational at the transit campus. In addition, computer Labs, the health center, and the central library are available to facilitate students. The transit campus also hosts various indoor and outdoor sports facilities such as Badminton, Table Tennis, Gym, and Volleyball, Basketball, and Football. Supporting facilities such as common dining, laundry, and stationery shops are also available.

8.2 Total campuses/buildings are listed below for ease of administration. (Master plan attached for the reference)

1. Laboratory Block – 1
2. Laboratory Block – 2
3. Old Classroom Block
4. New Classroom Block
5. Dining Block
6. Hostel Block – A
7. Hostel Block – B
8. Hostel Block – C
9. Hostel Block – D
10. Hostel Block – E
11. Hostel Block – F
12. Indoor Sports Block
13. Maintenance Office
14. Administration Building
15. Department Block – 1
16. Department Block – 2
17. Central Instrumentation Facility Block
18. Lecture Hall Complex
19. Engineering Unit Office
20. Helium & Nitrogen Plant

21. Incubation Centre
22. Hostel Block – 1
23. Hostel Block – 2
24. Dining Block
25. Sports Utility Block
26. Director Residence
27. Type – B Quarters
28. Type – C (1,2,3 & 4) Quarters (4 nos)
29. Type – D Quarters
30. Type – E Quarters
31. Type – F Quarters
32. Visitors Hostel
33. 33/11 kV Main Receiving Substation
34. 11kV Main Receiving Substation
35. 11/0.433 kV ESS - 1
36. 11/0.433 kV ESS – 2 & HVAC Plant
37. 11/0.433 kV ESS – 4
38. 11/0.433 kV ESS – 5
39. 11/0.433 kV ESS – 6
40. 11/0.433 kV ESS – South campus
41. 600 kLD WTP & Fire Fighting Pump House
42. 55 kLD WTP
43. 325 kLD STP
44. 275 kLD STP
45. 110 kLD STP
46. Over Head Tank (Drinking Water)
47. Over Head Tank – 1 (Flushing Water)
48. Over Head Tank – 2 (Flushing Water)
49. 20 kL Underground Diesel Storage Tank
50. Main Gate
51. North Gate
52. South Gate
53. External Plumbing Lines, Drains, Roads and etc.

8.3 The contractor shall provide the following minimum workforce to maintain the entire campus for “Plumbing, Carpentry, External Development and Masonry related day-to-day Maintenance works”.

S. No.	Workforce	Minimum Experience in Years	Qty
1	Horticulture Supervisor	2 Years experience in relevant field	1
2	Skilled Plumbers	3 Years experience in relevant field	5
3	Helpers to Plumbers	2 Years experience in relevant field	5
4	Skilled Carpenters	3 Years experience in relevant field	3
5	Helpers to Carpenters	2 Years experience in relevant field	3
6	Skilled Mason	2 Years experience in relevant field	2
7	Helpers to Mason	2 Years experience in relevant field	2
8	Office Assistants	2 Years experience in relevant field	1

The contractor shall maintain sufficient workforce to provide eligible leaves and holidays per the governing rules and regulations, laws, acts and to meet aforesaid requirements.

8.4 DAY-TO-DAY ACTIVITIES/ WORKS

The following day to day maintenance responsibilities are included in contractor scope but not limited to.

- a) Contractor shall attend all day-to-day Plumbing, Carpentry, External Development, Masonry complaints (ex: Water leakage, pipe leakages, institute furniture maintenance, cupboard works, Small plastering works, small concreting works, pipe jointing, water level checking etc...) immediately after brought to his notice and within 24 hours. Otherwise, IIT Tirupati directly (or) through another agency may attend the complaints, the expenses incurred in this case and a liquidity damage of ₹ 1,000/- shall be deducted from monthly bills.
- b) The contractor shall maintain all plumbing and carpentry materials. Contractor shall repair (or) replace all damaged/ defective by arranging required brand new material of same make and model with the approval of IIT Tirupati, if same make and model are not available, decision of IIT Tirupati will be final on other makes and models.
- c) For the items not covered in PART – A of Schedule of Quantities mentioned in this tender, Contractor shall submit the obtained quotation along with the price list catalogue to IIT Tirupati for obtaining the necessary approvals. Payments against the spare parts, consumables, service charges, transportation & freight charges will be released as per the actuals to the contractor against submission of tax invoices supporting with copy of original bills and only after satisfactory operation. No payment will be released to the contractor for unsatisfactory operations after doing repair and replacements.
- d) Contractor shall provide minimum support for installation and maintenance of the Laboratory equipment's, as and when required by the IIT Tirupati.
- e) Contractor shall maintain building wise/ area wise/ nature wise/ zone wise records of all materials/consumables used for replacement of damaged/ defective installation. Same records shall be provided to IIT Tirupati as and when required. With this data, contractor shall maintain adequate spares.
- f) Contractor shall coordinate with OEM (or) its authorized service agency for timely service of installations/fittings that are under warranty. Contractor shall make its efforts to get the services as early as possible. Contractor may request of IIT Tirupati for any information and support in this matter.
- g) Generally, all day-to-day complaints shall be attended with in working hours only i.e. from 09:00 hrs to 17:30 hrs. However, during exceptional cases like major breakdowns, emergency works, contractor shall work beyond the working hours. No additional payments will be made in this case.

- h) Contractor shall operate of required valves (near OHTs, buildings, WTP's, STP's and wherever located in the campus) etc. whenever required and as per the directions of IIT Tirupati.

PART - B

8.5 MINOR CIVIL WORKS

- a) Contractor shall execute the Minor Civil Works as directed by the IIT Tirupati at any time during the entire contract period. Work request shall be made by the IIT Tirupati for every minor work. IIT Tirupati shall prepare the required drawings, BoQ etc. to execute the work after release of Job card. With the receipt of Job card from IIT Tirupati, contractor shall start the works.
- b) Contractor shall complete the works in all aspects in due course of time and as per the BIS, CPWD specifications, IE rules and local governing laws. The contractor shall intimate the IIT Tirupati in case of any ambiguity. IIT Tirupati decision shall be the final in this case.
- c) The contractor shall take the measurements of quantities in presence of IIT Tirupati. Payment shall be released based on the measurements only. All measurements shall be taken as per the CPWD rules/regulations/specifications.
- d) Rates for the items covered in the tender shall be as per the percentage rate quoted by the contractor. For the items not covered in the tender taken from CPWD DSR 2021 and the percentage rate quoted shall be applied to the same.
- e) Rates for any extra items not covered in the tender/ CPWD DSR 2021 shall be worked out as per the CPWD rate analysis procedures.
- f) Contractor shall deploy the separate workforce for minor works Plumbing, Carpentry, External development and Masonry day-to-day Maintenance shall not be used for Minor Civil Works.
- g) Contractor shall not make any civil (or) structural alterations without the prior approval from IIT Tirupati.
- h) No advance payments shall be released to the contractor.
- i) Contractor shall remove all the debris after completion of works.
- j) The following makes and models shall be used during entire tenure of the contract.
Note: The contractor shall submit test reports for all the materials / equipment. If any make is not in accordance with the tender specification it will not be accepted even if the make is indicated in the above list.
- k) Apart from above works, Contractor shall provide skilled and unskilled manpower as and when required by the IIT Tirupati for any contingent works as per the percentage rate quoted by the contractor.

9. Conditions of contract

9.1 Definitions

In the contract, the following expressions shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them:-

1. The expression 'works' or 'work' shall, unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the works by or by virtue of the contract contracted to be executed, whether temporary or permanent, and whether original, altered, substituted or additional.
2. The 'Site' shall mean the land/or other places on, into or through which work is to be executed under the contract or any adjacent land, path or street through which work is to be executed under the contract or any adjacent land, path or street which may be allotted or used to carry out the contract.
3. The 'Tenderer' shall mean the individual, firm or company, whether incorporated or not, undertaking the works and shall include the legal personal representative of such individual or the persons composing such firm or company, or the successors of such firm or company and the permitted assignees of such individual, firm or company.
4. The 'Engineer-in-charge' means the Engineer who shall supervise and be in-charge of the work and who shall sign the contract on behalf of IIT Tirupati as mentioned in Schedule 'F' hereunder.
5. 'Accepting Authority' shall mean the authority mentioned in Schedule.
6. 'Excepted Risks' are riots (other than those on account of contractor's employees), war, acts of God such as earthquake, lightening and unprecedented floods, and other such causes over which the contractor has no control and accepted as such by the Accepting Authority.
7. 'Market Rate' shall be the rate as decided by the Engineer-in-charge on the basis of the cost of materials and labour at the site where the work is to be executed plus the percentage mentioned in Schedule 'F' to cover all overheads and profits.
8. 'Schedules(s)' referred to in these conditions shall mean the relevant schedule(s) annexed to the tender papers or the standard schedule of Rates of the CPWD mentioned in schedule 'F' hereunder, with the amendments thereto issued up to the date of receipt of the tender.
9. 'Department' means IITT which invites the tenders.
10. 'District specification' means the specifications followed by the state of Andhra Pradesh in the area where the work is to be executed.
11. 'Tendered value' means the value of the entire work as stipulated in the letter of award.
12. Employer means IITT.
13. Where the context so requires, words imparting the singular also include the plural and vice versa. Any reference to masculine gender shall whenever required shall refer to feminine gender and vice versa.

14. Wherever the expression "Divisional Officer" appears in the Clauses, it should be substituted by the expression "Executive Engineer (Civil)"
15. "Engineer in Charge" means Executive Engineer (Civil), IITT, and the Engineer means the officer representing the Engineer-in-Charge of the Project.

9.2 Instructions for filling the Bill of Quantities (Schedule A & B)

The spreadsheet containing the Bill of Quantity shall be downloaded from the above website and the same shall be uploaded to the e-Tender website after filling the rates. The file name of the spreadsheet document which is downloaded from the e-Tender website should not be changed in any case.

1. The rate (s) must be quoted in decimal percentage. The column meant for quoting rate in figures appears in cyan colour. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0".
2. The percentage below / above quoted shall only be considered.
3. Tenders containing proposal for any alteration in the work or in the time allowed for carrying out the work, or which contain any other condition including conditional rebates, will be summarily rejected.
4. The officer inviting tenders shall have the right to reject all or any of the tenders and will not be bound to accept the lowest or any other tender.
5. The tender for the work shall not be witnessed by a Contractor or Contractors who himself / themselves has/have tendered for the same work. Failure to observe this condition would render tenders of the Contractor tendering, as well as witnessing the tender, liable to summary rejection.
6. The tenderers shall sign a declaration under the Official Secret Act, 1923, for maintaining secrecy of the tender documents, drawings or other records connected with the work given to them.

9.3 Refund / forfeiture of EMD

1. At the time of tender submission, the scanned copy of the Demand draft for Rs 12 Lakhs shall be uploaded, failing which the tender shall be rejected.
2. If a tender is accepted, a receipt for the Earnest Money forwarded in addition to that shall be given to that Tenderer.
3. Tender for the work shall remain open for acceptance for a period of 90 days from the date of opening of the Tender.
4. If lowest tenderer withdraws his tender before the said period or issue of acceptance, whichever is earlier or makes any modification in the terms and conditions of the tender which are not acceptable to the Institute, then IITT, shall without prejudice to any other right or remedy, be at liberty to forfeit 100 % of the said earnest money.

9.4 Documents to be submitted upon acceptance of the tender.

1. On acceptance of the tender, the name of the Tenderer's accredited representative(s) who would be responsible for taking instructions from the Engineer in Charge shall be communicated in writing to the Engineer in Charge.
2. The Tenderer shall give a list of IITT employees related to him.

9.5 Signing of Agreement.

1. The successful Tenderer on acceptance of his tender shall, within 14 days from the stipulated date of start of the work, sign the contract.
2. Documents constituting the contract
 - a. Non judicial stamp paper for value not less than Rs.100 contains the brief description of the contract duly signed by both parties.
 - b. The notice inviting e-tender, the financial bid and all other the documents including drawings, if any, forming the tender as issued at the time of invitation of e-tender and acceptance thereof together with any correspondence leading thereto.
 - c. Decisions taken in the Pre-bid meeting if conducted.
 - d. Letter of acceptance
 - e. Letter of award (After submission of Performance Guarantee)

9.6 Special conditions

1. This is a percentage rate e-tender in two cover systems (Eligibility and Financial bid)
2. The tenderers are requested to enter their percentage above / below in the prescribed cell in the BOQ excel sheet.
3. These percentage rates are valid for one year from the date of award of work for all the items considered in the BOQ.
4. If the lowest percentage quoted is not within the justified limit, negotiation will be conducted with the Lowest (L1) tenderer.
5. If two or more tenderers quote the same L1 percentage, then sealed revised offer will be obtained from them and the lowest rate among them will be the L1 percentage for award of all the subheads.
6. In case the revised offer also results in a tie, then the L1 will be decided on the basis of draw of lots in the presence of concerned bidders.
7. The work will be awarded to the L1 contractor considering the rates quoted for both Part-A (Schedule I) and Part- B (Schedule II) together.
8. The rate quoted shall include all applicable taxes, including GST prevailing on the date of tender. However, the rate of tax prevailing at the date of billing will only be paid based on the submission of tax invoice as per GST rules.
9. The rates considered by IITT are inclusive of GST. Any reduction in the rates of GST from the quoted rates in the BOQ during the currency of the contract commensurate

reduction in the quoted rates in BOQ will be effected and payment will be made accordingly.

10. All the tenderers should ensure that they are GST compliant and the quoted rates are as per GST Law. The Tenderer should submit their GST registration certificate while uploading the tender document.
11. If the tenderer fails to upload GST Registration certificate, the tender will be summarily rejected.
12. Child Labour is strictly prohibited to work.
13. Construction labour shall not be permitted (except staff for watch and ward) to stay inside the campus and no labour camp shall be allowed to be set up inside the campus.
14. The construction activities and storage of materials shall be restricted within the area earmarked around the proposed building, which shall be barricaded with materials approved by IITT.
15. The Tenderer shall abide by the restrictions imposed by the security wing of the Institute on the working and movement of labour, materials etc. and nothing extra shall be payable on this account. The contractor shall arrange for necessary photo identity passes for the labour for entry into the campus. Advance action for obtaining such passes shall be taken by the contractor and no claim on this account shall be entertained.
16. Movement of labour should be restricted to the areas where work is carried out. Workers should be made to confine themselves to the work areas and should not wander into the nearby areas / buildings/ forest.
17. The work should be executed during day time only. If the work is required to be carried out at night, necessary permission of the Engineer-in-charge shall be obtained. The contractor will make his own arrangement for lighting the area; no extra amount for carrying out the work during night is payable. To the extent possible engaging women labour in the night shift should be avoided
18. The work shall be carried out with least hindrance to the adjoining buildings and offices and the contractor will be responsible for any damage, caused to the existing fixtures, electric fittings, cables, roads, pipelines etc. in the course of execution and the contractor shall make good any such damages for which nothing extra is payable.
19. No plot rent shall be charged for materials stocked in the institute land during the course of construction with the prior approval the Engineer. All such materials shall be removed at the time of completion of the work.
20. The tenderer shall be tapped from the nearest available source and make his own arrangements for distribution of electricity to the required location.
21. Tenderer shall inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the site and shall themselves obtain all necessary information as to risks, contingencies and other

circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not. Submission of a tender implies that the tenderer has read the complete contract documents and is aware of the conditions, specification of the work to be done and of the local conditions and other factors having a bearing on the execution of work. Any claim either for extra amount or for additional time for execution due to ignorance about the site and working condition is not payable. (Contractor shall preferably visit the site and undertaking should be submitted as per the Annexure-III)

22. All documents forming the contract shall be taken as mutually explanatory of one another, detailed drawings being followed in preference to small scale drawing and figured dimensions in preference to scaled.
23. In the case of discrepancy between the schedule of Quantities, the specifications and/or the Drawings, the following order of precedence shall be observed.
 - Description of item in the Schedule of Quantities.
 - Particular Specifications and special conditions, if any
 - Drawings
 - C.P.W.D Specifications
 - Specifications of B.I.S.
24. Suppose there are varying or conflicting provisions made in any one document forming part of the contract. In that case, the Engineer-in-charge shall be the deciding authority with regard to the interpretation of the documents and his decision shall be final and binding on the tenderer.
25. Any error in description, quantity or rate in schedule of Quantities or any omission there from shall not vitiate the contract or release the contractor from the execution of the whole or any part of the works comprised therein according to drawings and specifications or from any of his obligations under the contract. All such variations, errors, additions, substitutions etc. shall be decided as per the terms of the contract
26. The building work shall comply in all respects with the requirements of relevant bye-laws of the local body under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-Charge and nothing extra will be paid on this account.
27. The work of water supply, internal sanitary installations and drainage work etc. shall be carried out as per the local body bye-laws and the contractor shall produce necessary completion certificate from such authorities after completion of the work, if required.
28. Where CPWD specifications are not available for fittings and fixtures, the same should conform to bye-laws and specification of the local Body. The contractor should engage licensed plumbers for the work.
29. The tenderer shall comply with all legal orders and directions of the local or public authority or municipality and abide by them.

30. The tenderer shall give a performance test of the installation(s) as per specifications before the work is finally accepted. Nothing extra shall be payable to the tenderer for the test.
31. Any cement slurry added over base surface (or) for continuation of concreting to obtain better bond between old and new concrete is deemed to have been included in the items and nothing extra shall be payable or extra cement considered in consumption on this account.
32. The Rate for RCC works includes cost of concreting in sloped & curved roof, chajjas & beams and no extra rate shall be payable for concreting in such situations.
33. The contractor should construct proper mortar bands of lean mix with adequate depth & size over the roof for flooding with water & proper curing. In case of Arches, wet gunny bags shall be used for a period of two weeks.
34. Holes and chase for water supply and drainage etc., shall be provided as directed during progress of work without any claim for extra for finishing.
35. The rate quoted for tiling on walls shall include providing the bevel edges for the corners or the PVC corner strips. No additional payment shall be payable on this account.
36. Sample of all materials, fixtures, flooring tiles, wall tiles, doors, windows, sanitary fittings, roofing sheets electrical fittings etc., shall be got approved in advance from the Engineer-in-Charge before taking up the respective work. The contractor shall produce all the materials in advance so that there is sufficient time for testing and approving the materials and clearance of the same before their use in work.
37. The contractor shall be furnished, free of cost one certified copy of the contract documents except Standard Specifications, Schedule of Rates and such other printed and published documents, together with all drawings as may be forming part of the tender papers. None of these documents shall be used for any purpose other than that of this contract.
38. For any dispute arising out of this agreement, the legal jurisdiction will be at Tirupati in Andhra Pradesh only.
39. It is not binding on the competent authority to accept the lowest or any other tender and any or all the tenders received can be rejected without assigning any reason.
40. Canvassing, whether directly or indirectly, in connection with tender is strictly prohibited, and the tenderers who resort to canvassing will be liable to rejection.
41. The competent authority reserves the right to accept part of the tender and the tenderer shall be bound to perform the same at the rates quoted.
42. Other agencies related to this project will simultaneously execute their part of the work, and the contractor shall cooperate and allow smooth working of all such agencies. The contractor shall leave such holes, openings etc., for laying / burying of pipes, cable, conduits, clamps, boxes and hooks for fans etc. as may be required for other agencies. Conduits for electrical wiring shall be laid in such a way that they leave enough space

for concreting and do not adversely affect the structural members. The rates quoted for the work items are deemed to include charges for coordinating with all such agencies; nothing extra is payable on this account.

43. The following events will occur in the Campus, which may hinder work progress. The durations of the events are
- | | | |
|-------------|---|--|
| Tirustsava | - | 5 days (normally in February to March) |
| Convocation | - | 2 days (normally in September to November) |
44. The completion time stipulated in the contract is deemed to have included the above, if they happen during the duration of the contract.
45. The work is to be carried out by skilled workers conversant with existing system in the campus. Suppose the contractor is associating any sub-contractor for execution. In that case, the associated sub-contractor shall have full knowledge of the existing system in the campus and such association shall be approved by IITT.
46. The contractor has to bring the container for site office as well as the storage of materials at his own cost. The Engineer-in-charge will identify the location for site office.
47. **If necessary, water for execution will be supplied by IITT. 1.0% of the work value will be recovered for water charges in every running bills.**
48. IITT will provide electricity on a chargeable basis as per norms.
49. Help desk to be provided with sufficient manpower to receive all the requests through ERP, Phone call, oral, etc. by the contractor.
50. In clause 25 of GCC (Form 7), a Dispute Redressal Committee has been constituted by IITT. Inviting Dispute Redressal Committee is to be done as per Clause 25.
51. Any reduction in the rates of GST from the quoted rates in the BOQ during the currency of the contract, commensurate reduction in the quoted rates in BOQ will be effected, and payment will be made accordingly. The market rate analysis adopted by IITT for calculating the reduction in GST will be final and binding on the contractor.
52. The particular specification for certain items in the financial bid – Civil work - Bill of Quantity (BOQ) is enclosed as Schedule-2 (all rates inclusive of GST) and the same shall be read in conjunction with the corresponding specification given in the BOQ.
53. Necessary site barricading details and material yard layout may be obtained from Engineer-in-charge.
54. Spillover of any construction materials / earth on the road surface should be cleared immediately.
55. The tenderer shall arrange his own electricity / power requirement if Necessary. No extra claim will be entertained for the same.
56. No trees and vegetation shall be cut by the tenderer.
57. All construction activities and labour movements should be restricted within the area earmarked for these purposes.
58. No labour camp is allowed inside IIT Tirupati campus.

59. Firewood collection is strictly prohibited.
60. All debris generated in the site premises / material yard should be removed and disposed outside IIT Tirupati campus. Necessary approval from local authority shall be obtained by the tenderer. No additional charges will be paid for the same.
61. IIT Tirupati traffic regulation and speed limit should be followed without any violation.
62. In case of violation of any rules by the tenderer, penalty will be levied by IIT Tirupati at the following rate.

Sl. No.	Operations	Penalty
1	Construction labour shed without approval from Engineer-in-charge	Rs.5000/- per shed per day
2	Labour wandering in to the nearby areas / buildings / forests other than permitted area	Rs.500/-per person
3	Disposing of food items / waste / package item inside or outside the site premises.	Rs.1000/- per day
4	If water stagnation occurs inside the construction site.	Rs.500/- per day
5	Dumping of debris and storage of materials outside the barricaded area.	Rs.25000/- per day
6	Improper maintenance of barricade.	Rs.5000/- per day
7	Improper sanitation of labour toilets	Rs.1000/- per day
8	Collection of firewood	Rs.2500/- per day

9.7 GENERAL CONDITIONS OF THE CONTRACT

- A) All modifications leading to changes in the contract with respect to technical and/or commercial aspects, including terms of delivery, shall be considered valid only when accepted in writing by IIT Tirupati by issuing amendment to the contract. Any printed conditions shall not bind IIT Tirupati, provisions in the contractor's BID, forms of acknowledgement of contract and other documents which purport to impose any condition at variance with or supplement to contract.
- B) The contractor shall not assign, sublet or transfer the contract or any part thereof or any benefit or interest therein or there under without the written consent of IIT Tirupati. If any with the consent of IIT Tirupati also, shall not establish any contractual relationship between the subcontractor (s) and the IIT Tirupati and shall not relieve the contractor of any responsibility, liability, or obligations under the contract and the contractor shall be responsible for the acts, defaults or neglects of any sub-contractor or his agent or workmen.
- C) The contractor shall mobilize complete resources like workforce, tools etc. from the date of commence of work. If the contractor fails to mobilize as above, IIT Tirupati shall have, without prejudice to any other clause of the contract, the right to terminate the contract. Contractor shall arrange required transportation facility for the workforce under this

contract. IIT Tirupati will not provide any transportation for contractor workforce, tools etc.

- D) The contractor shall establish its own office within the radius of 50 kms from the IIT Tirupati for easy access and efficient management of contract.
- E) IIT Tirupati shall provide the required operations and maintenance logbooks, registers mentioned in this contract.
- F) Engineer-in-Charge shall have authority for general supervision, overall supervision, co-ordination at site, proper utilization of equipment and services, monitoring of performance and progress, commenting/ countersigning on reports made by the contractor's representative at site in respect of works, receipts, and consumption etc. after satisfying himself with the facts of the respective cases.

Engineer-in-charge shall have authority to follow up of supply and direction of the work, direction to stop the work. Whenever such stoppage may be necessary to ensure the proper execution of the contract to reject all works / materials / services which do not conform to the contract. The Engineer-in-Charge shall have no authority to either relieve the contractor of any of his duties or obligations under this contract.

Engineer-in-Charge shall have the authority, but not obligation at all times and any time to inspect/ test/ examine/ verify any equipment machinery, instruments, tools, materials, personnel, procedures and reports etc. directly or indirectly pertaining to the execution of the work. However, this shall not construe to imply an acceptance by the inspector. Hence, the overall responsibility of quality of work shall rest solely with the contractor.

Each and every document emerging from site in support of any claim made by the contractor shall have the counter signature/ comments of the IIT Tirupati representative/ engineer, otherwise no claim will be entertained by the IIT Tirupati.

- G) This contract is purely a **WORKS CONTRACT** intended for carrying out all the works mentioned in this contract. At no stage this should be construed or interpreted as a LABOUR CONTRACT or SUPPLY OF MANPOWER.
- H) **WORKFORCE**: Contractor shall deploy the minimum workforce support for PART - A works, throughout the contract period as committed in Annexure – V. The workforce shall be deployed based on the performance test conducted by IIT Tirupati in the relevant trade.
- I) The contractor may have to deploy more workforce than that committed by them (Annexure – V) in order to carry-out the works within the scheduled time to the satisfaction of the Engineer-in-Charge. However, no claim can be accepted for deploying more workforce than that committed for.
- J) Only persons with known antecedents and good conduct shall be deployed. Persons who are capable, qualified and experienced in relevant fields only shall be deployed.

Contractor shall be responsible for the conduct of the workforce deployed in case of any defects noticed in workforce employed. Contractor shall withdraw the same immediately and replace such workforce with a suitable substitute to ensure efficient and effective services.

- K) The contractor shall avoid frequent replacement of working staff and shall do so only with the prior approval of Engineer-in-Charge. Whenever any worker is absent due to any reason, the contractor shall deploy a substitute worker immediately so as to ensure trouble free service.
- L) The contractor shall maintain strict discipline among its workforce and shall abide by and conform to all rules and regulations promulgated by the IIT Tirupati governing the operations. If IIT Tirupati feels that the conduct of any of the contractor's workforce is detrimental, the IIT Tirupati shall have the right to request for the removal of such workforce either for incompetence, unreliability, misbehavior, and security reasons etc. while on or off the job. The contractor shall comply with any such request to remove such workforce at contractor's expense unconditionally. The contractor will be allowed a maximum of seven working days to replace the workforce by competent qualified workforce at contractor's cost.
- M) The contractor shall solely and exclusively be responsible for engaging or employing the workforce for the execution of this work. All workforce engaged by the contractor shall be in its pay roll and be paid by them. IIT Tirupati will have no liability whatsoever concerning the workforce engaged for this contract. The contractor shall make regular and full payment of wages along with statutory dues in cash in the presence of the representative of IIT Tirupati to the workmen within 7th day of the following month irrespective of whether the contractor has raised the bill or not and furnish necessary documents whenever required by the competent authority. It shall be the responsibility of the contractor for any dispute arising between them and their workforce. IIT Tirupati indemnified against losses, damages or claims arising thereof.
- N) There will be no relations between IIT Tirupati and the workforce engaged by contractor under the contract. No claims for any employment in IIT Tirupati will be entertained or tenable. It shall be the sole responsibility of the contractor to regulate and effect any terms of employment with the engaged workforce without any liability whatsoever to the IIT Tirupati.
- O) The contractor shall be solely liable for any accident or injury that may happen to any of his workforce engaged in the contract. The IIT Tirupati shall not be liable for, or in respect of, any damage or compensation payable at law in respect of, or in consequence of, any accident or injury to any workforce in the employment of the contractor and the contractor shall indemnify and keep indemnified the IIT Tirupati against all such claims, damages, compensations and proceedings. The contractor

shall forthwith report to the IIT Tirupati all cases of accidents to any of his workforce and shall make every arrangement to render all possible assistance and aid to the victims of the accident. The IIT Tirupati will not take any responsibility to provide safety equipment and devices to workmen and any consequential accident due to non-provision of safety devices will be to contractor's account. The contractor shall ensure implementation of all necessary safety precautions in respect of various activities contemplated in the scope of the contract.

- P) **TOOLS & PLANTS:** No tools and plants will be supplied by the IIT Tirupati. All the tools and equipment, scaffolding, centring (including coir ropes), ladders and for the services, works under this contract shall be arranged by the contractor at no extra cost to the IIT Tirupati. For storing the above tools and equipment safely, necessary storage open space will be provided by the IIT Tirupati. However, it is the contractor's responsibility to safeguard all his property. IIT Tirupati is nowhere responsible for loss of contractor's property, tools, appliances, equipment etc.

Contractor shall provide minimum tools to every maintenance team.

- Q) No claim, whatsoever, either for loss of contractor's property, tools, appliances, equipment etc., or accident to workforce, during the contract, will be entertained by the IIT Tirupati. The workforce deployed on the work shall evince particular care and necessary precaution shall be bestowed where service to be maintained lies in the vicinity of electric lines and cables, both exposed and underground. Any damage to men or property of IIT Tirupati due to careless operation and any consequential losses shall be to contractor's account. In the event of shocks, electrocution or damage to men or property, especially due to careless working, all consequential losses will be debited to the contractor. The IIT Tirupati will not be responsible for payment of any compensation on such account. The contractor shall take all precautionary steps to avoid any accidents resulting in damages to men and property.

- R) The contractor or his workforce shall not cause any damage to the equipment / tools / plants and any of the IIT Tirupati properties during this contract period. If any damage is caused, the same shall be made good by the contractor at his own cost and risk in a manner approved by the Engineer-in-Charge. All activities shall be so carried out as not to damage IIT Tirupati property or existing sanitary/water supply/electric service lines. Any damage or loss to IIT Tirupati property due to rough or careless handling will be to the contractor's account.

Any kind of accident that may occur at the working area during this contract period will entirely be the responsibility of the contractor and IIT Tirupati will not be liable for any such accidents. The contractor shall indemnify the IIT Tirupati against any claims from any agencies/ individuals arising out of any accidents of any nature.

- S) **PAYMENT TERMS & CONDITIONS**

for PART – A (ANNUAL PLUMBING, CARPENTRY, MASONRY DAY-TO-DAY MAINTENANCE WORKS):

- (a) The contractor shall submit the monthly bills in triplicate in respect of a particular month in the first week of the next month.
- (b) Contractor shall submit the monthly bills for service charges (i.e. S. No. 1.01 of schedule of quantities as per Schedule -1) and the payment towards services shall be made per month, effective within 30 days after receipt of monthly bills and after certification by Engineer-in-charge. The amounts to be made per month shall be kept firm during the contract period and any request for enhancement of the rates due to any reason shall not be entertained.
- (c) Contractor shall submit the monthly bills for materials used for replacement of faulty materials. Payment towards replacement of faulty material with brand new spares shall be released monthly, effective within 30 days after receipt of monthly bills and after certification by Engineer-in-charge. The rates of materials shall be as per the rates quoted. Any request for enhancement of the rates due to any reason shall not be entertained.
- (d) For the items not covered in the BoQ shall be as per the clauses mentioned somewhere in this tender for respective works.
- (e) The wages paid to the worker by the contractor shall not be less than the rates notified by the Chief Labour Commissioner (Central), from time to time with regard to the minimum wages applicable to the respective categories of worker. In case of revision of the wages, the contractor shall have to pay the minimum wages at the revised rate without fail and contractor will not be allowed to get the differential amount from IIT Tirupati.
- (f) Payment shall be made to the contractor after production of documentary evidence about making payment of minimum wages to their employees engaged through this contract.
- (g) Entire workforce deployed shall be covered by EPF & ESI. Payment of EPF & ESI contributions is sole responsibility of the Contractor and Contractor shall indemnify to IIT Tirupati in this regard. Non-payment of EPF & ESI contributions to the Government as per the extant rules will be viewed seriously. Documentary evidence for payment of EPF and ESI shall be provided along with bill for making necessary payment.
- (h) The contractor shall ensure that the bill submitted for the respective months must be supported with the documents confirming the EPF, ESI contribution along with documentary evidence confirming the payment done to the workforce.
- (i) Any shortage in the attendance of workforce committed by the contractor is not acceptable. In case of shortage of workforce on exceptional grounds suitable substitute shall be deployed. In case of continuous absence of workforce (more

than two days), a liquidity damage of ₹ 1000.00 per day per person shall be recovered from monthly bills. Any loss incurred to the IIT Tirupati due to the shortage of workforce shall also be recovered from monthly bills.

- (j) Payment to the contractor would be strictly on certification of Engineer-In-Charge w.r.t satisfactory services.
- (k) Payment shall be made after deduction of GST and any other taxes deductible at source under the law in force. The applicable taxes and duties will be paid against documentary evidence.
- (l) In case of complaint of non-fulfilment of any obligation under the contract, IIT Tirupati reserves the right to withhold the payments due to them and out of such amount or amount of security held, if any or amounts likely to fall due to them (but without obligation to do so) to make such payment as it may consider necessary for smooth and unhindered working.
- (m) Everyday morning pep talks should be given to the Technician and helper regarding the works and safety.

for PART – B MINOR CIVIL WORKS:

- (n) Contractor shall submit the bills after completion of works in all aspects along with the copy of work order, measurements of quantities etc. Payment to the contractor would be strictly on certification of Engineer-In-Charge with respect to satisfactory completion of works.
 - (o) Payments shall be released within 30 days from the date of submission bills.
 - (p) Payment shall be made after deduction of GST, Security deposits, Labour cess and any other taxes deductible at source under the law in force. The applicable taxes and duties will be paid against documentary evidence.
- T) Schedule-2 Minor civil works estimated value has been arrive based on the tentative Bill of quantities envisaged. Actual quantities to be executed will be based on the site requirements.
- U) **INSURANCE:** The contractor shall, at his own expense, arrange appropriate insurance to cover all risks assumed by the contractor under this contract in respect of its personnel deputed under this contract as well as contractor's equipment, tools and any other belongings of the contractor or their personnel during the entire period of their engagement in connection with this contract. IIT Tirupati will have no liability on this account.
- V) **TECHNICAL SPECIFICATIONS:** All works are to be carried out as per current specification prevailing in the BIS, CPWD, statutory norms prescribed by local bodies, Fire Authorities and directed by the Engineer-in-Charge.
- W) **DURATION OF CONTRACT:** The contract shall remain valid for a period of 12 (twelve) months from the starting date of contract period. IIT Tirupati reserves the right to extend the contract on whole or part thereof up to 100% of the value at its discretion provided

the successful tenderer has completed the work satisfactorily. However, IIT Tirupati reserves the right to terminate the contract at any time before the expiry of the normal tenure in case service is found to be deficient/ unsatisfactory.

IIT Tirupati reserves the right to review the performance and if the performance is not satisfactory during initial period of three months, the work is likely to be terminated. Contractor has to forego the Performance Bank Guarantee amount.

- X) **UNIFORM, SAFETY SHOE, SAFETY HELMET, SAFETY JACKETS & IDENTITY CARDS:** Three sets of Uniform for each workforce i.e. Pant, Shirt along with Shock Proof Safety Shoe, Safety Jackets & Identity cards etc. shall be provided within 15 days of commencement of work. Uniform should be in decent manner. Colour will be decided by the Engineer-in-Charge. All workforces shall wear uniform, safety shoe, safety helmet, Safety Jackets & identity cards while on duty. (Applicable for Part -A and Part-B)
- Y) **SAFETY:** The contractor shall be responsible for the safety of all its workmen/employees during the period of execution of the work. The contractor shall provide all safety equipment's like safety shoes, safety helmets, Safety Jackets, safety belts, etc., to all its workmen/employees to ensure their safety during execution of the work. The IIT Tirupati shall not be held responsible in case of any accidents, mishaps etc. to the contractor and its employees. Contractor shall provide first-aid facility at the site for his workforce. Contractor shall report all accidents/ near misses etc., along with the root cause analysis and action taken reports to IIT Tirupati.
- Z) **ACTS & LAWS:** The contractor shall be deemed to have acquainted himself with the Indian Income Tax Act 1961, Indian Companies Act 1956, Indian Customs Act 1962, Indian Electricity Act 2003, Factories Act 1948, Indian Mines Act 1952, Pollution Control Regulation, and other related Acts & Laws prevalent in India and as amended from time to time. The contractor shall strictly adhere to various labour laws, rules, regulations and notifications issued there under from time to time.
- AA) **LABOUR LICENSE:** The Necessary Labour License for employment of workers shall be obtained by the contractor immediately on receipt of Letter of Award/Letter of Commencement/Work Order from the Labour Officer concerned from the authorities (The Deputy Chief Inspector of Factories / Assistant Commissioner of Labour as the case may be). The license shall be amended and / or renewed wherever, there is an increase in the workmen employed by him or in the event of contract being extended or renewed. The Contractor shall inform the license number to the IIT Tirupati before taking up the work.

Contractor shall be responsible to maintain, at site, relevant labour engagement registers for inspection by Labour Enforcement Authorities as and when called for. Any

fine/compensation levied by appropriate authority for failure to maintain required labour records at site, will be to contractor's account.

BB) **RECORDS**: The books of accounts shall be maintained by the contractor as per applicable rules more specifically indicating the attendance (Biometric attendance shall be fixed in the EU building), acquaintance of wages paid, EPF & ESI etc., and the IIT Tirupati shall have the right to inspect these records at any point of time and take necessary action to levy compensation for non-compliance of these provisions.

CC) **DEATH, BANKRUPTCY**: If the Contractor dies or dissolve or go into bankruptcy, or being a corporation cause to be wound up except for reconstruction purposes or carry on its business under a receiver, the executors, successors or other representatives in law of the estate of the Contractor or any such receiver, liquidator, or any person in whom the contract may become vested, shall forthwith give notice thereof in writing to IIT Tirupati and shall remain liable for the successful performance of the contract, and nothing aforesaid shall be deemed to relieve the Contractor or his successors of his or their obligations under the contract under any circumstances. IIT Tirupati may terminate the Contract by notice in writing to the Contractor.

DD) **FORCE MAJEURE**: Force majeure is an event beyond the control of contractor and not involving the contractors fault or negligence and which is not foreseeable. Such events may include, but are not restricted to acts of the IIT Tirupati / contractor either in its sovereign or contractual capacity, wars or revolution, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts, and freight embargoes. The decision about force majeure shall rest with IIT Tirupati which shall be final and binding.

If there is delay in performance or other failures by the contractor to perform obligations under its contract due to event of a force majeure, the contractor shall not be held responsible for such delays/failures.

If a force majeure situation arises, the contractor shall promptly notify IIT Tirupati in writing of such conditions and the cause thereof within fifteen days of occurrence of such event. Unless otherwise directed by IIT Tirupati in writing, the contractor shall continue to perform its obligations under the contract as far as reasonable/practical and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

If the performance in whole or in part or any obligation under this contract is prevented or delayed by any reason of force majeure for a period of exceeding sixty days, either party may at its option terminate the contract without any financial repercussion on either side.

EE) **ARBITRATION**: Except where otherwise provided for in the contract all questions and disputes relating to the meaning of the works, specifications and instructions

hereinbefore mentioned and as to the quality of workmanship or materials used on the work or as to any other question, claim, right, matter or thing whatsoever in any way arising out of or relating to the contract, designs, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the work or failure to execute the same whether arising during the progress of the work or after the completion or abandonment thereof shall be referred to the sole arbitration of the Dean Planning & Infrastructure of IIT Tirupati and if Dean Planning & Infrastructure is unable or unwilling to act, to the sole arbitration of some other person appointed by the Dean Planning & Infrastructure, willing to act as such arbitrator. The cases referred to arbitration shall be other than those for which the decision of the Engineer-in-Charge is expressed in the contract to be final and conclusive. There will be no objection if the arbitrator so appointed an employee of IIT Tirupati is and that he had to deal with the matters to which the contract relates and that in the course of his duties as such he had expressed views on all or any of the matters in dispute or difference.

The arbitrator to whom the matter is originally referred being transferred or vacating his office or being unable to act for any reason, Dean P&I as aforesaid at the time of such transfer, vacation of office or inability to act, shall appoint another person to act as arbitrator in accordance with the terms of the contract. Such person shall be entitled to proceed with the reference from the stage at which it was left by his predecessor. Subject as aforesaid the provision of the Arbitration & Reconciliation Act 1996 or any statutory modification or re-enactment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceeding under this clause.

It is a term of the contract that the party involving arbitration shall specify the dispute or disputes to be referred to arbitration under this clause together with the amount or amounts claimed in respect of each such dispute. The arbitrator(s) may from time to time with consent of the parties enlarge the time for making and publishing the award.

The work under the contract shall, if reasonably possible, continue, during the arbitration proceedings and no payment due or payable, to the contractor shall be withheld on account of such proceeding.

The Arbitrator shall be deemed to have entered on the reference on the date he issues notice to both the parties fixing the date of first hearings. The arbitrator shall give a separate award in respect of each dispute or difference referred to him. The venue of arbitration shall be such place as may be fixed by the Arbitrator in his sole discretion. The award of the arbitrator shall be final, conclusive and binding on all parties to this contract.

10. SCHEDULES

Schedule 'A' - The Schedule of rates is enclosed in both Excel and Pdf format in this document. (Schedule-1&2)

Schedule 'B' - Schedule of materials proposed to be issued to the tenderer.

NO MATERIAL SHALL BE ISSUED TO THE TENDERER BY IITT

Schedule 'C' - Schedule of tools and plants proposed to be hired to the tenderer.

NO TOOLS AND PLANTS SHALL BE HIRED TO THE CONTRACTOR BY IITT

Schedule 'D' - Extra schedules for specific requirements / documents for the work, if any.

NIL

Schedule 'E' - Price escalation – **Not Applicable**

Schedule 'F'

Name of work: Comprehensive AMC for Carpentry, Plumbing, External development works, and day-to-day maintenance works in IIT Tirupati, Yerpedu (M), Tirupati (Dt).

Estimate cost put to tender : Rs 400 Lakhs

Earnest Money Deposit: 12 Lakhs towards Earnest Money Deposit (EMD) drawn in favour of IITTirupati, Tirupati - 517619 and payable at Tirupati.

Performance Guarantee : 5% of the tendered value

Security Deposit : 2.5% of the tendered value

General Rules and Directions:

Officer inviting tender : Executive Engineer (Civil), IITT

Maximum percentage for quantity of items works to be executed beyond which rates are to be determined in accordance with clause 12.2 and 12.3. } : See below

Definition

Engineer-in-charge : Executive Engineer (Civil)

Accepting Authority : Director, IITTirupati

Percentage on cost of material and labour to cover all overheads and profit : 15%

Standard schedule of rates : CPWD DSR 2021

Department : IIT Tirupati

Standard CPWD contract form : CPWD form 7 with upto date Modification and correction

Clause 1

- i.) Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance in days. : 14 (seven)_Days

- (ii) Maximum allowable extension beyond the period provided above : 7(Seven) Days.

Clause 2

Authority for levying compensation under clause 2 : Executive Engineer

Clause 2a

Whether clause 2a shall be applicable : Not applicable.

Clause 5

Number of days from the date of issue of letter of acceptance for reckoning the date of start : 14 Days

Milestones to be achieved shall be as given below: Not Applicable

Time allowed for execution of work : **12 months (May be extended further one year based on the performance with cost escalation of 5%)**

Authority to give fair and reasonable Extension of time for completion of work : Executive Engineer, IITT

Clause 6A: Applicable to this contract. The following condition shall also be applicable.

Clause 7

Gross work to be done with net payment.

after adjustment of advances for material : Rs.10 Lakhs or as certified

by

collected, if any, since the last such payments the Engineer-in-Charge

for being eligible to interim payment

Clause 10A - List of testing equipment to be provided as listed in this Document if necessary.

A. For Building Works

1. Balances

(i) 7 kg to 10 kg capacity, semi-self-indicating type - accuracy 10 gm.

(ii) 500 gm capacity, semi-self-indicating type - accuracy 1 gm.

(iii) Pan balance- 5 kg capacity - accuracy 10 gms.

2. Ovens-electrically operated thermostatically controlled up to 110°C - sensitivity 1°C.

3. Sieves: as per IS 460-1962.

(i) I.S. sieves - 450mm internal dia, of sizes 100 mm, 80 mm, 63mm, 50 mm, 40 mm, 25 mm, 20 mm, 12.5 mm, 10 mm, 6.3 mm, 4.75mm, complete with lid and pan.

(ii) I.S. sieves- 200mm internal dia (brass frame) consisting of 2.36mm, 1.18mm, 600 microns, 425 microns, 300 microns, 212 microns, 150 microns, 90 microns, 75 microns, with lid and pan.

4. Sieve shaker capable of 200 mm and 300 mm dia sieves, manually operated with timing switch assembly.

5. Equipment for slump test- Slump cone, steel plate, tamping rod, steel scale, scoop.

6. Dial gauges, 25 mm travel - 0.01 mm/division least count - 2nos.

7. 100 tons compression testing machine, electrical-cum manually operated.

8. Graduated measuring cylinders 200 ml capacity - 3 Nos.

9. Enamel trays (for efflorescence test for bricks).

(i) 300 mm × 250 mm × 40 mm- 2 nos.

(ii) Circular plates of 250 mm dia - 4 nos.

B. Field Testing Instruments

1. Steel tapes - 3 m, 15m & 30m

2. Vernier calipers

3. Micrometer screw 25 mm gauge

4. A good quality plumb bob

5. Spirit level, minimum 30 cms long with 3 bubbles for horizontal vertical

6. Wire gauge (circular type) disc

7. Foot rule

8. Long nylon thread

9. Rebound hammer for testing concrete
10. Dynamic penetrometer
11. Magnifying glass
12. Screw driver 30 cms long
13. Ball pin hammer, 100 gms
14. Plastic bags for taking samples
15. Moisture meter for timber
16. Earth resistance tests
17. Meggar

Whether Clause 10B (ii) shall be applicable : Not applicable

Clause 10 CC : Not applicable to this contract

Clause 10 CA and 10C : Not Applicable to this contract.

Clause 11

Specification to be followed for execution of work.

As per DSR 2021 Rates (Civil)

Clause 12

Deviation limit beyond which clauses
12.2 & 12.3 shall apply for building work } No Limit

Deviation limit beyond which
clauses 12.2 & 12.3 shall apply for
foundation work. } No Limit

Clause 16

Competent Authority for
deciding reduced rates for items which
are not as per specification. } Executive Engineer (Civil)

Clause 18

List of machineries, tools & plants to be deployed by the tenderer as per the site condition and specification as and when required.

List of mandatory machineries, tools & plants to be deployed by the tenderer:

1. RM 800 - 2 Nos
2. Vibrators – 6 Nos
3. Plate vibrators – 2 Nos
4. Truck - 1 No
5. Tipper - 1 No
6. MS pipe scaffolding materials
7. Steel shuttering materials
8. De-watering pump – 2nos

Clause 25 Settlement of Disputes & Arbitration: Yes, Applicable to this contract

Clause 36 (i) Technical Personnel to be employed at site

To take care of your documentation and technical support (IIT will not pay for the below mentioned post but contractor has to ensure for the deputation)

Designation	Minimum qualification and experience required	Discipline	Number of persons	Rate of recovery per month for non-employment
Principal Technical Representative	Graduate Engineer with minimum 5 years	Civil	01	Rs. 25000
Site/Billing/safety Engineer	Graduate Engineer with minimum 2 years or Diploma Engineer with minimum 5 years of experience	Civil	01	Rs. 15000

11. ADDITIONAL SPECIFICATIONS

The additional specification below is not a substitute for CPWD or IS specifications. These shall be read along with CPWD specifications or IS specifications.

11.1 GENERAL

1. The work shall be carried out using metric dimensions only and shall be measured and paid in metric dimensions. F.P.S. units, if any, mentioned in drawings etc are for guidance only.
2. Wherever any reference to any Indian Standard Specification occurs in the documents relating to this contract the same shall be inclusive of all amendments issued thereto or revision thereof if any, up to the date of receipt of tenders.
3. Unless otherwise specified in the schedule of quantities the rates for the various items are for execution at all heights, levels and locations.
4. Unless otherwise specified in the schedule of quantities the rate for the items of the work shall be considered as inclusive of pumping out or bailing out water during execution, if required, for which no extra payments will be made. This will include water encountered from any source, such as rains, floods, sub-soil water table being high or due to any other cause whatsoever.

11.2. FLY ASH CONCRETE BLOCK

1. GENERAL

- a. Terminology Connected with this work shall be same as those applicable for Brick Work

- b. The tenderer whose tender is accepted shall furnish the name(s) of the manufacturer from whom he proposes to procure the blocks and get the same approval from the Engineer in Charge before procuring the material. The Engineer in Charge may inspect/inspect the factory from where the tenderer proposes to procure the blocks before approval. The tenderer shall arrange for the inspections.
- c. The tenderer shall furnish the following and obtain prior approval of the Engineer before procuring the blocks
 - i. The size and grading of stone aggregate to be used
 - ii. The grading of fine aggregate
 - iii. Details of fines obtained from stone crushing proposed to be used in the manufacture of the blocks
 - iv. The type of cement proposed to be used
 - v. The type of fly ash proposed to be used and % proposed
 - vi. Details of additives etc if any to be used.
- d. The proportion of the ingredients may be decided by the tenderer / manufacturer to obtain the required strength and other required qualities and got approved in advance.
- e. Concrete Blocks shall be manufactured in a factory equipped with weigh batching arrangements for weighing the various ingredients and the blocks shall be manufactured using machinery equipped with vibratory / mechanical compaction arrangements.
- f. The blocks shall have smooth rectangular faces with sharp corners and shall be uniform in colour and shall emit a ringing sound when struck
- g. Necessary quality control and testing facilities should be available in the factory for conducting routine tests on each batch of the blocks and necessary records should be available.

2. Dimension of the Blocks

The blocks shall be of size 225 x 115 x 70 MM

The blocks shall be tested as per procedure detailed in IS 2185 (Part I) – 2005

The tolerances shall be as given below

Length = +or - 5MM

Width / Thickness = + or – 3 MM

3. Strength of the Blocks

The class designation of the blocks shall be M10. The average compressive strength shall not be less than 10 N per sqmm and strength of individual units shall not be less than 8 N per sqmm. The blocks shall be tested as per procedure detailed in IS 2185 (Part – I) – 2005

4. Water absorption

The blocks shall be tested as per procedure detailed in IS 2185 (Part – I) – 2005 for water absorption and the absorption shall not exceed 10 %.

5. Drying Shrinkage

The blocks shall be tested as per procedure detailed in IS 2185 (Part – I) – 2005. The drying shrinkage shall not exceed 0.06 %

6. Moisture Movement

The blocks shall be tested as per procedure detailed in IS 2185 (Part – I) – 2005. The moisture movement shall not exceed 0.09 %

7. Masonry Work

The method of construction, the bonds, width of joints, curing, measurements, tolerances in masonry work, etc shall be as per CPWD specifications detailed for “Brick work”

11.3. WATER PROOFING TREATMENT

1. General:

All the water proofing treatment shall be got executed through one of the approved special agencies. The tenderer shall furnish the following particulars immediately after the issue of acceptance of the tender by the department

- a. The name of specialized firm
- b. The trade names of the product, which would be used.
- c. List of works where the treatment had been used
- d. Quantity of chlorides and sulphides used in the product.

GUARANTEE FOR WATER PROOFING TREATMENT

- a. Ten years guarantee in prescribed proforma attached shall be given by the tenderer for the water proofing treatment.
- b. 10 %(ten percent) of the cost of the items pertaining to water proofing shall be retained as guarantee to watch the performance of work executed.
- c. However, half of this amount (withheld) would be released after 2 years from the date of completion of the work, if the performance of the water proofing works is satisfactory.
- d. The remaining with held amount shall be released after completion of 10 years from the date of completion of work, if the performance of the water proofing works is satisfactory.

- e. If any defect is noticed during the guarantee period, it should be rectified by the tenderer within 7 days of issuing of notice by Engineer-in-charge.
- f. If not attended to, the same shall be got done through other agency at the risk and cost of the contractor and recovery shall be effected from the amount retained towards guarantee.
- g. In any case the contractor and the specialist agency during the guarantee period shall inspect and examine the treatment once in every year and make good any defect observed and conform the same in writing.
- h. The security deposit can be released in full, if bank guarantee of equivalent amount, valid for the duration of the guarantee period, is produced and deposited with the Institute.

11.4. Electrical Conduits Laying

For fixing electrical conduits in walls the required chase should be cut using only electrically operated circular saw. Using of hammer and chisel is completely prohibited.

11.5 Stainless steel handrail

Stainless steel, tubes, bars, etc., bright polished including matching stainless items such as plates, screws, etc., welding and forming units with best workmanship, set in position using special hardware, expansion fasteners of approved make, etc., in all floors and all levels, and without painting, all complete with SS 304 Stainless Steel and as per architectural drawings.

11.6. CONDITIONS FOR CEMENT AND STEEL BROUGHT BY THE TENDERER FOR USE IN THE WORK

CEMENT

The tenderer shall procure OPC grade 43/ 53 / PPC super grade from reputed manufactures of cement having a production capacity of one million tones per annum or more, such as ACC, Ultratech (L & T), Ramco, Chettinad, Zuari, Birla, Cement Corporation of India, etc or any manufacturer approved by the Ministry of Industry, Government of India and holding license to use ISI Certification mark for their product whose name shall be got approved from the Engineer-in-Charge. The tenderer may submit a list of cement manufactures whose product they propose to use. The Engineer-in-charge has right to accept or reject the names of the manufactures which the tenderer propose to use in the work. No change in tendered rates will be accepted if the tender accepting authority does not accept the list of cement manufactures given by the contractor, fully or partly.

Supply of cement shall be in 50 kg bags bearing manufacture's name and ISI marking.

Samples of cement arranged by the contractor shall be got tested in accordance with provisions of relevant BIS codes.

If test results indicate that the cement arranged by the contractor does not conform to the relevant BIS codes, the same shall stand rejected and shall be removed from the site at his own cost within a week's written order from the Engineer-in-charge to do so.

7. The cement shall be brought to site in bulk supply of approximately 5 tonnes or as decided by the Engineer- in- charge
8. The cement godown of the capacity to store a maximum of 200 bags of cement shall be constructed by the contractor at site of work for which no extra payment shall be done.
9. Double lock provision shall be made in the door of the cement go-down, the keys of one lock shall remain with the engineer-in-charge or his authorized representative and the key of the other lock shall remain with the contractor.
10. The contractor shall be responsible for the watch and ward and safety of the cement go-down.
11. The contractor shall facilitate the inspection of the cement go-down by the Engineer-in-Charge or his authorized representative at any time
12. The contractor shall supply free of charge the cement required for testing.
13. The frequency and the details of the test shall be decided by the Engineer-in-Charge depending on the quantum of supply in each batch. The cost of tests shall be borne by the contractor /Institute in the manner indicated below
 - 13.1 by the contractor, if the results show that the cement does not conform to the relevant BIS Code
14. The actual issue and consumption of cement on work shall be regulated and proper accounts maintained as provided in the contract.
15. The theoretical consumption of cement shall be worked out as per procedure prescribed in the contract and shall be governed by conditions laid there in.
16. Items for which standard coefficients of cement consumption are not available in DSR 2012, the same shall be decided by the Engineer-in-charge.
17. If the cement consumed is less than the theoretical quantity (after allowing for wastage and variation) the cost of the cement consumed less at market rate plus 10% and cartage charges to site of work shall be recovered from contractor provided the work carried out is acceptable to the Institute.
18. Cement brought to site and cement remaining unused after completion of work shall not be removed from site without written permission of the Engineer-in-charge.
19. The cement bags shall be stacked on proper floors consisting of two layers of dry bricks laid on well consolidated earth at a level of at least one foot above ground level. The stacks shall be in rows of two and 10 bags high with a minimum of 0.6 m clear space all round. The bags should be placed horizontally continuous in each line actual

size / shape of godown shall be as per site requirements and nothing shall be paid on this account.

20. The decision of Engineer-in-charge regarding the capacity of the godown shall be final.
21. Cement register for the cement shall be maintained at site. The account of daily receipt and issue of cement shall be maintained in register in the proforma prescribed and signed daily by the contractor or his authorized agent.

11.7. STEEL

1. The contractor shall procure steel/TMT reinforcement bars of grade Fe 500D conforming to relevant BIS codes from main producers (viz) SAIL, TISCO or RINL
2. The contractors shall have to obtain and furnish test certificate to the Engineer-in-charge in respect of all supplies of steel brought by him to the site of work.
3. Samples shall also be taken and got tested by the Engineer-in-charge as per the provisions in this regard in relevant BIS codes.
4. In case the test results indicate that the steel arranged by the contractor does not conform to BIS codes, the same shall stand rejected and shall be removed from the site of work by the contractor at his cost with in a week's time from written orders from the Engineer-in-charge to do so.
5. The Steel reinforcement shall be brought to the site in bulk supply of 2 tonnes or more as decided by the Engineer-in-charge
6. The steel reinforcement shall be stored by the contractor at site of work in such a way as to prevent distortion and corrosion and nothing extra shall be paid on this account. Bars of different size and length shall be stored separately to facilitate easy counting and shifting.
7. For checking nominal mass, tensile strength, bend test, rebend test. Etc specimen of sufficient length shall be cut from each size of the bar at random at frequency not less then specified below.

Size of Bar	For Consignment below 100 tonnes	For Consignment over 100 tonnes
Under 10 mm dia	One sample for each 25 tonnes or part there of	One sample for each 40 tonnes or part there of
10mm to 16 mm	One sample for each 35 tonnes or part there of	One sample for each 45 tonnes or part there of
Over 16 mm dia	One sample for each 45 tonnes or part there of	One sample for each 50 tonnes or part there of

8. The contractor shall supply free of charge the steel required for the testing. The cost of test shall be borne by the contractor / Institute in the manner indicated below
 - i. By the contractor, if the results show that the steel does not conform to relevant BIS codes
 - ii. By the Institute if the results, show that the steel conforms to relevant BIS codes.
9. The actual issue and consumption of steel on work shall be regulated and proper accounts maintained as provided in the contract. The theoretical consumption of

steel shall be worked out as per procedure prescribed in the contract and shall be governed by conditions laid therein.

10. Steel brought to site and steel remaining unused shall not be removed from site without the written permission of the Engineer-in-charge.
11. The standard section weights referred to as standard tables of CPWD Specifications shall be considered for conversions of length of various sizes of MS bars and cold Twisted bars/high yield strength deformed bars/thermo-mechanically treated bars into weight are as under

Size (dia in mm)	Weight in kg/m
6	0.222
8	0.395
10	0.617
12	0.888
16	1.579
18	1.999
20	2.467
22	2.985
25	3.855
28	4.836
32	6.316
36	7.994
40	9.869
45	12.490
50	15.424

12. For steel, measurement will be regulated on sectional weight basis, weight being calculated with help of above tables. The weight shall also be taken as per actual basis. If actual weight is found lower than the standard weight but within tolerance limits as per relevant IS codes, nothing extra shall be paid for over weight of steel section than given in the table.
13. The mild steel to be used shall conform to IS 432 - Cold twisted bars/High yield strength deformed bars and thermo-mechanically treated bars shall conform to IS 1786.
14. The contractor shall submit challan / bill / gate pass /cash memo in support of material purchased from manufactures/their authorized dealers/authorized producer.
15. Over the theoretical quantity of materials so computed, a variation shall be allowed as specified in schedule F.
16. If the quantities of materials actually used are less than the theoretical Quantities including authorized variations, the cost at market rates plus 10% including cartage to the site of such quantities of materials as determined by Engineer-in-charge, which shall be final and binding, shall be recovered from the contractor without prejudice to department rights/remedies available under the contractor, for action against substandard work.

12. STATUTORY REQUIREMENTS / APPROVAL FROM STATUTORY AUTHORITIES

Work for electrical installation shall be carried out in accordance with this specification and complying with the relevant statutory requirements and national standards. It shall be the responsibility of the contractor to obtain approvals of competent Central or State Government authorities and satisfy them regarding the compliance with relevant regulations for this scope of work.

The work should be carried out only under the supervision of licensed supervisors. The licenses possessed by the Contractor's supervisor shall be made available to the Client for scrutiny before commencement.

13. Special conditions for Protection of Environment

1. The debris / construction waste and other waste generated from the work spot should not be thrown inside the campus. All waste material should be taken out of the campus or should be dumped at a place earmarked by the Engineer in charge. All construction material should be stored only at places earmarked by the engineer in charge.
2. Material like cement, aggregate, steel etc should not be stored in buildings that are in use. If any material stored in unauthorized location the same shall get removed at the cost of contractor and necessary rent shall be levied for the area used for storage.
3. For Inter-carting of various materials use of animal drawn vehicles are strictly prohibited.
4. Preparation of concrete, mortars in the roads, pavements, bare floors under the building is strictly prohibited.
5. While transporting the materials along the road, spillage of material should be avoided. If any spillage occurs, the same should be got cleaned immediately.
6. No vegetation inside the campus should be damaged.
7. Smoking is strictly prohibited at workplace.

14. Safety at the Site

1. The contractor must appoint a qualified person (full time) for taking care of implementation of Safety systems.
2. The Contractor shall submit the **Project Safety Plan** stating the methodology of implementation of systems to ensure the safe and environment friendly work place. The Safety Plan must include the following.
 - a. Organization Chart
 - b. Reporting relationship of the safety enforcement personal in a flow chart
 - c. Safety Committee Structure – Chairman, secretary and committee members

14.1 Roles & Responsibilities of the Safety committee

1. applicable Statutory requirements, standards and codes related to safety and its adherence,
2. General safety rules and regulations concerning use of personal protective equipment and safety devices relevant to site activities, Awareness and Training Programs, Motivational schemes, programs for safe Access, Egress and workstation safety
3. Safe use of construction power supply and upkeep / maintenance of installations
4. Work permit systems
5. Use, maintenance and inspection of Plant & machinery
6. Scaffold & formwork norms
7. Use, maintenance and inspection of Lifting Tools
8. Fire Protection and prevention
9. Emergency preparedness
 - a. Status of Safety implementation at site will be discussed in the Weekly Review meeting. Contractor must submit the safety statistics every month in the enclosed format. Merit Certificate will be issued for the achievement of safety mile stones like 0.5 million safe man hours, one million safe man hours,1.5 million safe man hours and so on.
 - b. The General Guidelines governing the safety implementation shall include the following Rules., while preparing the safety plan.
 1. All the workmen shall undergo Safety Induction, screening before engaging them on the job. Physical fitness of the person to certain critical jobs like

working at height or other dangerous locations to be ensured before engaging the person on work.

2. Sub-contractors shall ensure adequate supervision at workplace. They shall ensure that all persons working under them shall not create any hazard to self or to co-workers.
3. Nobody is allowed to work without wearing safety helmet. Chinstrap of safety helmet shall be always on. Drivers, helpers and operators are no exception.
4. All labour should be dressed properly attending to work wearing dhotis, lungies should be avoided to the extend possible.
5. The workmen shall wear suitable protection devices like mask, gloves, shoes etc,
6. No one is allowed to work at or more than three meters height without wearing safety belt and anchoring the lanyard of safety belt to firm support preferably at shoulder level.
7. No one is allowed to enter into workplace and work at site without adequate foot protection.
8. Usage of eye protection equipment shall be ensured when workmen are engaged for grinding, chipping, welding and gas-cutting. For other jobs as and when site safety co-coordinator insists eye protection has to be provided.
9. All PPE like Safety shoes, Safety helmet, Safety belt, Safety goggles etc. shall be arranged before starting the job.
10. All excavated pits shall be barricaded & barricading to be maintained till the backfilling is done. Safe approach to be ensured into every excavation.
11. Adequate illumination at workplace shall be ensured before starting the job at night.
12. All the dangerous moving parts of the portable / fixed machinery being used shall be adequately guarded. Ladders being used at site shall be adequately secured at bottom and top. Ladders shall not be used as work platforms.
13. Erection zone and dismantling zone shall be barricaded and nobody will be allowed to stand under suspended loads.
14. Contractors should spray water using Water browser periodically in the site to reduce the dust rising due to wind.
15. Horseplay is completely prohibited at workplace. Running at the site is completely prohibited, except in the case of emergency.
16. Material shall not be thrown from the height. If required, the area shall be barricaded and one person shall be posted outside the barricading for preventing the tre-passers from entering the area.
17. Other than electricians with red helmet no one is allowed to carry out electrical connections, repairs on electrical equipment or other jobs related thereto.

18. All electrical connections shall be made using 3 or 4 core cables, having a earth wire.
19. Proper Earthing pits at site to be constructed. And the sensitivity must be maintained less than 1 ohm
20. Main panel boards should have MCB's and RCCB / ELCB's (30 mA sensitivity).
21. Inserting of bare wires for tapping the power from electrical sockets is completely prohibited.
22. All major, minor accidents and near misses to be recorded and reported to the IITT and the management must take necessary steps to avoid the recurrence.
23. Scaffoldings used should be of proper construction. No Casuarina pole / bamboo scaffolding is permitted. It should be inspected by competent person(s) before use.
24. All tools and tackles shall be inspected before use. Defects to be rectified immediately. No lifting tackle to be used unless it is certified by the competent authority.
25. All tools and tackles shall be tested and have a Identification no., SWL and date of next test marked on them.
26. A tools and tackles inspection register must be maintained and updated regularly.
27. Good housekeeping to be maintained. Passages shall not be blocked with materials. Materials like bricks shall not be stacked to the dangerous height at workplace.
28. Must have a reverse horn on all the Earth moving vehicles and Equipments used at site.
29. Debris, scrap and other materials to be cleared from time to time from the workplace and at the time of closing of work everyday.
30. Adequate fire fighting equipment shall be made available at workplace and persons are to be trained in fire fighting techniques with the co-ordination of site safety coordinator.
31. All the unsafe conditions, unsafe acts identified by contractors, reported by site supervisors and / or safety personnel to be corrected on priority basis.
32. No children shall be allowed to enter the workplace.
33. Other than the Driver / operator, no one shall travel in a tractor / tough rider etc.
34. All the lifting tools and tackles shall be stored properly when not in use.
35. Clamps shall be used on Return cables to ensure proper earthing for welding works.
36. Return cables shall be used for earthing.

37. All the pressure gauges used in gas cutting apparatus shall be in good working condition.
38. Proper eye washing facilities shall be made in areas where chemicals are handled.
39. Connectors and hose clamps are used for making welding hose connections.
40. Proper warning boards and caution notices to be displayed at required areas inside the site.
41. All cranes must have a trained signal man for signaling.
42. All underground cables for supplying construction power shall be routed using conduit pipes.
43. Spill trays shall be used to contain the oil spills while transferring / storing them.
44. Tapping of power by cutting electric cables in between must be avoided. Proper junction boxes must be used.
45. Any violation of above will attract levy of penalty by the engineer in charge on the contractor.

15. INSURANCE

1. Insurance of Works

The Contractor shall effect Contractor's all risk insurance policy (CAR policy) in the joint names of the Employer and the Contractor, the name of the former being placed first in the policy, covering the following:

(a) The Works at the contract price together with the materials for incorporation in the works at their replacement value.

(b) All plants and equipment and other things brought to the site by the Contractor at their replacement value.

The insurance shall be against all losses or damages from whatever causes, other than excepted risks, as defined in Clause 2 of Conditions of Contract, for which the Contractor is responsible under the Contract. The insurance cover shall be for the period of contract and also for the period of maintenance, for loss or damage arising from a cause prior to commencement of the period of maintenance, and for any loss or damage, occasioned by the Contractor in the course of any operations carried out for the purpose complying with his course of any operations carried out for the purpose of complying with his obligations during maintenance period under Clause 17 of Clauses of Contract. Such insurance shall be effected with an insurer and with terms approved by the Employer. The Contractor shall, whenever required, produce the policy or policies and the receipts for payment of the current premiums.

2. Third Party Insurance

Before commencing the execution of the Works, the contractor shall insure against the liability for any material or physical damage, loss or injury which may occur to any property or life including that of the Employer or to any person, including any employee of the Employer, by or arising out of the execution of the works or in the carrying out of the Contract. The sum insured will be for Rs.5 lakhs. Such insurance shall be effected with an insurer and in terms approved by the Employer. The Contractor shall, whenever required, produce before the Engineer-in-charge the policy or policies of insurance and the receipts of payment of the current premiums.

3. Workmen's Insurance

The Employer's shall not be liable for any payment in respect of any damages or compensation payable according to law in respect or in consequence of any accident or injury or loss of life to any workman or other person in the employment of the Contractor or any sub-contractor, except an accident or injury resulting from any act or default of the Employer, his agents or servants. The Contractor shall insure against such liability with an insurer approved by the Employer for sum of the established norms during the entire period till completion of Period of Maintenance.

The contractor shall at his own expenses take and keep a comprehensive insurance without limiting any of the other obligations or liabilities for his workforce being engaged and for all the work during the execution. The contractor shall have to furnish the originals along with premium receipts and other papers related to the workmen insurance to the Engineer In-charge within 15 days from the date of commencement of the contract.

4. Recovery from the Contractor

Without prejudice for the other rights of the Employer against the Contractor in respect of default, the Employer shall be entitled to deduct from any sums payable to the Contractor the amount of any damages, compensation costs, charges and other expenses paid by the Employer and which are payable by the Contractor under this clause.

5. Extension of time

The Contractor, in case of rebuilding or reinstatement, shall be entitled to such extension of time for completion as the Engineer-in-charge may deem fit, but shall, however not be entitled to reimbursement by the Employer of any shortfall or deficiency in the amount finally paid by the insurer in settlement of any claim arising as set out herein.

6. Insurance by Sub-Contractors

Without prejudice to his liability under this clause the Contractor shall also cause all Sub-Contractors to effect, for their respective portions of the works, similar policies of insurance in accordance with the provisions of this clause and shall produce or cause to produce to the Employer such policies. The Contractor shall not permit a Sub-Contractor to commence work at the site unless the said insurance policies are submitted. In the event of failure of the Sub-Contractor to take out such a policy of insurance before commencing the works at the site, the Contractor shall be responsible for any claim or damage attributable to the said Sub-Contractor.

7. Period of Policies

All the insurance covers mentioned above shall be kept alive during the complete period of the contract. If the Contractor shall fail to effect and keep in force the insurance referred to above, or any other insurance which he may be required to effect under the terms of the Contract, then and in any such case the Employer on advice of the Engineer-in-Charge may effect and keep in force any such insurance and pay such premium or premiums as may be necessary for that purpose and from time to time deduct the amount so paid by the Employer as aforesaid from any moneys due or which may become due to the Contractor, or recover the same as debt due from the Contractor.

8. Damage to Persons and Property – Employer to be Indemnified

The Contractor shall indemnify the Employer against all losses and claims in respect of injuries or damages to any person or material or physical damage to any property whatsoever which may arise out of or in consequence of the execution and maintenance of the works and against all claims, proceedings, damages, costs, charges and expenses whatsoever in respect of or in relation thereto, except any compensation or damages for or with respect to:

- (a) The permanent use or occupation of land by the works or any part thereof.
- (b) The right of the Employer to execute the works or any part thereof on, over, under, in or through any land.
- (c) Injuries or damage to persons or property resulting from any act or neglect of the Employer, his agents, servants or other contractors, not being employed by the Contractor or for or in respect of any claims, proceedings, damages, costs, charges and expenses in respect thereof or in relation thereto or where the injury or damage was contributed to by the contractor, his servants or agents, such part of the compensations as may be just and equitable having regard to the extent of the responsibility of the Employer, his servant or agent or other Contractors, for the damage or injury.

Signature of Contractor

Executive Engineer

16. Progress Reports

The contractor shall submit monthly progress report of the work in a computerized form. The progress report shall contain the following.

1. Construction schedule of the various components of the work through bar chart for the next 3 quarters, showing the milestones, targeted tasks and up to date progress.
2. Progress chart of the various components of the work that are planned and achieved for the month as well as cumulative up to the month with reasons for deviations, if any, in a tabular 12.format.
3. Plant and machinery statement, indicating those deployed in the work, and their working status.
4. Manpower statement, indicating the labour and staff employed in the work and the details of work carried out.
5. Financial statement, indicating the broad details of all the running account payments received up to date, such as gross value of work done. Advances taken, recoveries effected, amounts withheld, net payments, details of payments received, etc.
6. A statement showing the extra and substituted items submitted by the contractor and the payments received against them, items pending for sanctions / decisions by the Institute, broad details of the bank guarantees, indicating their validity period, board details of the insurance policies taken by the contractor, if any, advances received and adjusted from the department etc.
7. Progress photographs in colour of the various items / components of the work done up to date to indicate visually the actual progress of the work.
8. Quality assurance and quality control tts conducted during the month with results thereof.
9. Safety report.
10. Other details asked for by the engineer-in-charge

17. LIST OF APPROVED MAKE / BRAND

17.1 IITT reserves the right to select any of the make/brand shown below and only those makes/brands will be allowed to be used in the work. Nothing extra is payable even if there is cost difference between one make/brand and another.

17.2 Civil Works

LIST OF APPROVED MAKES		
S.No.	Material	Make
1.	Ordinary Portland GREY Cement 53 & 43 Grade	a Ultra tech b ACC c Birla Ambuja d Zuari e Chettinad
2.	Plain Portland Pozzolana (PPC)	a. Ultra tech b. ACC c. Birla Ambuja d. Zuari e. Chettinad
3.	Ready Mix concrete	a ACC f. Ultra tech b Lafarge c Prism Johnson Limited, RMC (India) Division
4.	Water proofing Compound & Concrete admixture	a. BASF b. Fosroc c. Sika d. CIPY e. Alchemica(GFRG) f. ZYDEX(GFRG)
5.	HYSD (TMT) Bars	a TISCO b SAIL c RINL d JSW Neosteel
6.	Structural Steel	a. TISCO

LIST OF APPROVED MAKES		
S.No.	Material	Make
		b. SAIL c. JINDAL
7.	Aluminum Sections	a. Hindalco b. INDAL c. JINDAL
8.	Paints	a Asian Paints b ICI c Berger d Nerolac e Nippon f JSW
9.	PVC Water Bars	a Fixopan b Syntex c BASF
10.	MS Pipe & Tubular sections	a. TISCO b. SAIL c. JINDAL
11.	Precast Cement concrete tile	a Nitco b Ultra c Johnson d Dura Crete
12.	Glazed Ceramic tiles	a Johnson b. Kajaria c. RAK d Nitco
13.	Glazed Ceramic designer tiles	a Johnson b. Kajaria

LIST OF APPROVED MAKES		
S.No.	Material	Make
		c. RAK d. Nitco
14.	Vitrified tiles - full body/Double Charge	Johnson b. Kajaria c. RAK d. Nitco
15.	Vitrified tiles	a. Johnson b. Kajaria c. RAK d Nitco
16.	Water proof cement paint	a. Snowcem India Ltd. b. Asian c. ICI
17.	Hardware	a Geze b Dorma c Lock wood d Kinglok e Dorset f Haffle
18.	Flush door	a. Jackson b. Green ply c. Kenwood d. ITP
19.	Texture finish (External)	a. Asian b. Berger

LIST OF APPROVED MAKES		
S.No.	Material	Make
		c. ICI Dulux
20.	Texture finish (Internal)	a. Asian b. ICI c. Berger
21.	Laminates	a. Century ply b. Archidply c. Merino lam d. Green ply e. Action Tesa
22.	Veneer	a. Jacson b. Archidply c. Century ply
23.	BWR Ply boards	a. Century ply b. Green ply c. Archid fly
24.	Fasteners	a. Hilti b. Fischner
25.	Fire Doors/Steel Doors	a. ShaktiMet b. System Schroders c. HORMANN d. ISHM
26.	WPC Doors	a. Qute b. Rajasree
27.	XPS Boards	a. BASF b. Supreme Owns corning
28.	Polycarbonate sheets	a. SABIC b. Poly Clad

LIST OF APPROVED MAKES		
S.No.	Material	Make
		c. Danpalon
29.	Roof insulation	a BASF b Sika c Henkel system (Green tech engineers) d Lloyds
30.	Concrete Pavers	a Basant Beton b Astana c N.K.Ahamed
31.	External Modular drain	a. ACO
32.		
32.	Acrylic Solid surface	a. LG b. Luxor c. Corian c.Aspiron
33	Gypsum board	a.Saint Gobain b.Lafarge c.USG
34	Mineral fibre ceiling	a.Armstong b.AMF c. USG
35	Metallic ceiling	a.Armstrong b.Hunter Douglas c.Daiken d.Intertouch
36	Glass film	a.3M b. Gare

LIST OF APPROVED MAKES		
S.No.	Material	Make
37	Modular partition for toilets	a.Merino b.Stela tex c.Maica laminates
38	Adhesive	Fevicol SH/ Araldite of Hindustan CIBA-Geigy Ltd/ Vamicol
39	Vinyl floor	Armstrong/LG/Tarket / Poly floor
40	Glazed Partition	JEB Asia / Raumplus/ Clestra /Saint gobin
41	Clean Room Modular system	Rinac / Celstra
42	UPVC	AMD/ Aluplast/ Fenesta
43	C.I / D.I Pipe & fittings	a. Lanco b. Electrosteel c. TATA
44	G.I Pipe	d. TATA e. Appolo
45	C.I Valves	f. Kirloskar

Note:

In case of any item other than above mentioned list has to be executed means the contractor shall obtain necessary approvals for the make and model from the Engineer In-Charge.

LIST OF APPROVED MATERIALS PLUMBING & SANITARY		
S.No.	Description	Approved Make
1	SANITARYWARE	HINDWARE / KOHLER /PARRYWARE/METRO
2	STAINLESS STEEL SINK	PARRYWARE/DIAMOND /NIROLI
	LAB SINK	PARRYWARE
3	SENSOR	AOS SYSTEM / JAQUAR
4	WATER HEATER	ELAC/VENUS/TATA BPL
5	CP FITTINGS	JAQUAR/ESS ESS
6	CONCEALED FLUSH VALVE	JAQUAR/ESS ESS/GEM
7	U PVC SWR PIPE/FITTINGS	SUPREME/FINOLEX /PRINCE
8	CPVC PIPES AND FITTINGS	ASTRAL / ASHIRVAD / SUPREME
9	BALL VALVE	RB / LEADER / ZOLOTO
10	BUTTER FLY VALVE/CHECKVALE	LEADER / NORMEX /RB / ZOLOTO
11	Y' STRAINER	LEADER/NORMEX / RB
12	AIR RELEASE VALVES	VB / RB
13	NON RETURN VALVE	LEADER / NORMEX /RB / ZOLOTO
14	WATER SUPPLY PUMPS / SEWAGE PUMPS/DEWATERING PUMPS	GRUNDFOS/ KIRLOSKAR/TEXMO /ITT/KSB
15	SFRC COVER	GPI
16	CI GRATING	NECO
17	CP GRATING	SYSCRAFT GLOBAL ENTERPRISES (SGE) /AQUA
18	STONE WARE PIPES & GULLY TRAPS	PERFECT/ ANAND/ PARRY
19	BEVELLED EDGE MIRROR	ATUL/ MODI GUARD
20	SOLAR WATER HEATER	TATA BP, VENUS,GOOD SUN

Note:

In case of any item other than above mentioned list has to be executed means the contractor shall obtain necessary approvals for the make and model from the Engineer In-Charge.

18. FORMS

1. LETTER OF TRANSMITTAL

(To be duly filled, signed, scanned and uploaded along with e-Envelope 1 by the
Tenderer)

To

THE EXECUTIVE ENGINEER (CIVIL),

Engineering Unit,

IIT Tirupati, Tirupati – 517 619

Sub: Comprehensive AMC for Carpentry, Plumbing, External development works, and day-to-day maintenance works in IIT Tirupati, Yerpedu (M), Tirupati (Dt). Sir,

Having examined the details given in notice inviting qualification application and tender and the qualification documents for the above work, I / We hereby submit the application for eligibility and the tender (financial Bid) for the work duly filled in.

1. I / We here by certify that all the statement made and information supplied in the enclosed forms and accompanying statements are true and correct.
2. I / We have furnished all information and details necessary for deciding our eligibility to be qualified for taking part in the tendering process for the work. We have no further information to supply.
3. I / We submit the requisite solvency certificate and authorize the EXECUTIVE ENGINEER (CIVIL), Engineering Unit, IITT, Tirupati to approach the bank concerned to confirm the correctness of the certificate. I / We also authorize the EXECUTIVE ENGINEER (CIVIL) to approach individuals, firms and corporations to verify our competence and general reputation.
4. I / We submit the following certificates in support of our suitability, technical know how and capability for having successfully completed following works.

Name of work

Certificate from

5. I/We certify that that the tender documents uploaded is the exact replica of the document published by the IITT and no alterations and additions have been made by me / us in the e-tender document.
6. I am / We are aware that the Financial Bid submitted by me/us will not be opened if I / We do not become eligible after evaluation of my/our application for eligibility.
7. The Original Demand Draft (EMD which was /were scanned and uploaded in the e-Tender shall be deposited by me/us with the Engineer-in-Charge in case I/we become the lowest Tenderer within a week of the opening of financial Bid otherwise department may reject the tender
8. I/we certify that, the declaration as enclosed in Annexure VII & Annexure VIII which were scanned and uploaded while submitting the e-Tender.

Seal of the Tenderer
Date of submission

Signature of the Tenderer

FORM 'A'

FINANCIAL INFORMATION

(To be duly filled, signed, scanned and uploaded along with e-Envelope 1 by the Tenderer)

I Financial Analysis –

Details to be furnished duly supported by figures in Balance Sheet / Profit and Loss Account for the last Five years duly certified by the Chartered Accountant, as submitted by the applicant to the Income-Tax Department (Copies to be uploaded separately).

SI No	Details	Year ending 31 st March of 2022				
		2018	2019	2020	2021	2022
1	Gross annual turnover in construction work					
2	Profit (+) / Loss (-)					

II. Financial arrangement for carrying out the proposed work.

III. Income Tax PAN details (to be enclosed separately)

IV. Solvency certificate from Bankers of Applicant (to be enclosed separately)

SIGNATURE OF APPLICANT (S)

SIGNATURE OF CHARTERED ACCOUNTANT WITH SEAL

FORM ' B'

(To be duly filled, signed, scanned and uploaded along with e-Envelope 1 by the Tenderer)

**DETAILS OF ALL WORKS OF SIMILAR NATURE COMPLETED DURING THE LAST FIVE YEARS
ENDING BY 31st December 2022 .**

SL NO	Name of work/project & location	Owner or sponsoring organizations	Agreement No	Scope of work *	Cost of work in Crores	Date of commencement as per Contract	Stipulated Date of completion	Actual Date of completion	Litigation/ Arbitration / In progress with details **	address/ Tel No of Officer to whom reference may be	Remarks
1	2	3	4	5	6	7	8	9	10	11	12

* indicate Number of work carried out.

** Indicate gross amount claimed and amount awarded by the Arbitrator

Signature of Applicant(s)

In case of works carried out for private persons / Organizations copies TDS certificate along with copy of performance order and work order / Agreement should be enclosed. Private works without TDS certificates shall not be considered for valuation.

FORM- B1

(To be duly filled, signed, scanned, and uploaded along with e-Envelope 1 by the Tenderer)

ADDITIONAL INFORMATION FOR COMPLETED WORKS

1. Name of work
2. Location
3. Client's name and address
4. Consultants name and address.
5. Scope of work.
6. Specialized equipment deployed for the project.
7. Project Management organization structure.
8. Number of shift and its duration adopted in execution.
9. Systems adopted for timely completion of the project.

*Additional information shall be uploaded separately

SIGNATURE OF APPLICANT(S)

FORM 'D'

**(To be duly filled, signed, scanned and uploaded along with e-Envelope 1 by the
Tenderer)**

PERFORMANCE REPORT FOR WORKS REFERRED TO IN FORM 'B' & 'C'

1. Name of the work / Project & Location.
2. Scope of work.
3. Agreement No.
4. Estimated Cost
5. Tendered Cost
6. Value of work done
7. Date of Start
8. Date of completion
 - i. Stipulated Date of completion.
 - ii. Actual Date of completion.
9. Amount of compensation levied for delayed Completion if any.
10. Performance report based on Quality of Work, Time Management, and Resourcefulness : Very Good / Good / Fair

DATE

**EXECUTIVE ENGINEER /
PROJECT MANAGER OR
EQUIVALENT**

(*Signature and seal of the client / owner
to whom the work executed)

* Certified by self will not be accepted

FORM 'E'

(To be duly filled, signed, scanned and uploaded along with e-Envelope 1 by the Tenderer)

STRUCTURE AND ORGANISATION

1. Name and address of the applicant
2. Telephone No./Fax No/E-Mail address.
3. Legal Status (attach copies of original document defining the legal status)
 - (a) An Individual
 - (b) A proprietary Firm
 - (c) A Firm in partnership
 - (d) A Limited Company or Corporation.
4. Particulars of registration with various Government bodies (Attach attested photocopy)
 - a) Registration Number.
 - b) Organization / Place of registration
5. Names and Titles of Directors and officers with designation to be concerned with this work with Designation of individuals authorized to act for the organization.
6. Was the applicant ever required to suspend construction for a period of more than six months continuously after the construction was commenced?
If so, give the name of the project and give reasons thereof.
7. Has the applicant or any constituent partner in case of partnership firm, ever abandoned the awarded work before its completion?
If so, give the name of the project and give reasons thereof.
8. Has the applicant or any constituent partner in case of partnership firm, ever been debarred / blacklisted for tendering in any organization at any time? If so, give details:
9. Has the applicant or any constituent partner in case of partnership firm, ever been convicted by a court of law? If so, give details.
10. In which field of Civil Engineering Construction, specialization and interest is?
11. Any other information considered necessary but not included above.

SIGNATURE OF APPLICANT(S)

* Additional information shall be uploaded separately

FORM ' E1'

(To be duly filled, signed, scanned, and uploaded along with e-Envelope 1 by the Tenderer)

DETAILS OF KEY TECHNICAL AND ADMINISTRATIVE PERSONNEL EMPLOYED BY THE FIRM / COMPANY

SL NO	Designation	Total Number	Names	Qualification	Professional Experience	Length of continuous service with employer
1	2	3	4	5	6	7

Note: additional information about Technical personnel, if any, may be submitted on separate sheet.

Signature of Applicant(s)

FORM - ' F'
(To be duly filled, signed, scanned and uploaded along with e-Envelope 1 by the Tenderer)

DETAILS OF CONSTRUCTION PLANT AND EQUIPMENT LIKELY TO BE USED IN CARRYING OUT THE WORK.

SL NO	Name of the Equipment	Nos	Capacity or T _{one}	Age	Condition	Ownership status			Current location	Remarks
						Presently owned	To be purchased	Leased		
1	2	3	4	5	6	7	8	9	10	11
1										
2										

TENDER FEE & EMD PAYMENT DETAILS

To
The Executive Engineer,
Engineering Unit, IIT Tirupati,
Merlapaka (V), Yerpedu (M),
Tirupati (Dt)-517619.
Andhra Pradesh.

Sub: **Comprehensive Civil AMC for Carpentry, Plumbing, External development works, and day-to-day maintenance works in IIT Tirupati, Yerpedu (M), Tirupati (Dt).**

Sir,

We, the undersigned, declare that the Tender Fee & EMD is submitted as per the tender document and the payment details are as given in the table below.

Particular	Amount	Payment Reference Details	Payment Date
Tender Fee	₹ 1,500/-		
EMD	₹ 12,00,000/-		

Signature and Seal of the Bidder:

Date:

UNDERTAKING FOR TERMS & CONDITIONS

To,
The Executive Engineer,
Engineering Unit, IIT Tirupati,
Merlapaka (V), Yerpedu (M),
Tirupati (Dt)-517619.
Andhra Pradesh.

Sub: Comprehensive Civil AMC for Carpentry, Plumbing, External development works, and day-to-day maintenance works in IIT Tirupati, Yerpedu (M), Tirupati (Dt).

Sir,

I / We hereby offer to carry out the work of Comprehensive Civil AMC for Carpentry, Plumbing, External development works, and day-to-day maintenance works in IIT Tirupati, Yerpedu (M), Tirupati (Dt).

I / We hereby confirm and declare that I / We have carefully read, understood & complying the above referred tender document including instructions, terms & conditions, scope of work, schedule of quantities and all the contents stated therein. I / We also confirm that the rates quoted by me / us are inclusive of all taxes, duties etc., applicable as on date.

I / We agree to execute all the work referred to in the said documents upon the terms & conditions contained in the tender document.

Signature and Seal of the Bidder:
Date:

UNDERTAKING FOR IIT TIRUPATI SITE VISIT

To,
The Executive Engineer,
Engineering Unit, IIT Tirupati,
Merlapaka (V), Yerpedu (M),
Tirupati (Dt)-517619.
Andhra Pradesh.

Sub: Comprehensive Civil AMC for Carpentry, Plumbing, External development works, and day-to-day maintenance works in IIT Tirupati, Yerpedu (M), Tirupati (Dt).

I / We hereby confirm and declare that I / We have visited the IIT Tirupati on _____ to get acquainted with the campus conditions like (location of the campus, area of campus, type of fittings, installations, technology, nature of work etc.) to access the required workforce, tools, plants, machinery & equipment etc. before submitting the offer.

Name & Signature of IIT Tirupati Representative
(for Witness)

Signature and Seal of the Bidder:
Date:

FORM OF UNDERTAKING FOR NOT TO SUBLET THE WORK

To,
The Executive Engineer,
Engineering Unit, IIT Tirupati,
Merlapaka (V), Yerpedu (M),
Tirupati (Dt)-517619.
Andhra Pradesh.

**Sub: Comprehensive Civil AMC for Carpentry, Plumbing, External development works,
and day-to-day maintenance works in IIT Tirupati, Yerpedu (M), Tirupati (Dt).**

Sir,

With reference to the above, I hereby undertake not to sublet the work cited above if the work is allotted to me.

Signature and Seal of the Bidder:

Date:

UNDERTAKING FOR MINIMUM WORKFORCE SUPPORT REQUIRED FOR PART-A WORKS

To,
The Executive Engineer,
Engineering Unit, IIT Tirupati,
Merlapaka (V), Yerpedu (M),
Tirupati (Dt)-517619.
Andhra Pradesh.

Sub: Comprehensive Civil AMC for Carpentry, Plumbing, External development works, and day-to-day maintenance works in IIT Tirupati, Yerpedu (M), Tirupati (Dt).

It is certifying that and we will ensure the minimum workforce as mentioned below will be deployed f(i.e. schedule of quantities-1 for scope of Part-A) during the entire tenure of the contract, abiding by the tender document terms and conditions

S. No.	Workforce	Minimum Experience in Years	Qty
1	Horticulture Supervisor	2 Years experience in relevant field	1
2	Skilled Plumbers	3 Years experience in relevant field	5
3	Helpers to Plumbers	2 Years experience in relevant field	5
4	Skilled Carpenters	3 Years experience in relevant field	3
5	Helpers to Carpenters	2 Years experience in relevant field	3
6	Skilled Mason	2 Years experience in relevant field	2
7	Helpers to Mason	2 Years experience in relevant field	2
8	Office Assistant	2 Years experience in relevant field	1

However, in case of any emergency works, major breakdown works, to attend the complaints within 24 hours, extra workforce will be deployed as per requirement but we will not claim the charges for the same. I / We shall maintain sufficient workforce to provide eligible leaves, holidays for all above workforce as per the governing rules and regulations, laws, acts.

Signature and Seal of the Bidder:

Date:

BG FORMAT FOR SECURITY DEPOSIT

(To be executed on non-judicial stamp paper of ₹ 200/- (Rupees Two Hundred only) or as per appropriate Stamp Act.)

WHEREAS on or about the _____ (date, month, year), M/s _____ (Contractor name), having its registered office situated at _____ (Postal address) (herein after referred to as Contractor) entered into a contract agreement bearing reference no. _____ dt. _____ with Indian Institute of Technology Tirupati, Merlapaka (V), Yerpedu (M), Tirupati (Dt), Andhra Pradesh - 517619 (herein after referred to as IIT TIRUPATI), for **Comprehensive Civil AMC for Carpentry, Plumbing, External development works, and day-to-day maintenance works in IIT Tirupati, Yerpedu (M), Tirupati (Dt).**

AND WHEREAS under the terms and conditions of the contract agreement the contractor is required to submit a Bank Guarantee for an amount of ₹ _____ (_____ Rupees only) as performance security deposit for the fulfilment of the terms and conditions of the contract agreement, and the contractor is ready to submit a Bank Guarantee.

We _____ Bank do hereby undertake to pay the amounts due and payable under this Guarantee without any demur, merely on a demand from IIT TIRUPATI stating that the amount claimed is due by way of loss or damage caused to or that would be caused to or suffered by IIT TIRUPATI by reason of breach of any of the terms and conditions of the said contract agreement. 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 ₹ _____ plus interest @ 12% per annum from the date of demand for payment till the actual date of payment made by us.

We undertake to pay to IIT TIRUPATI any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any court or tribunal relating thereto, our liability under these present being absolute and unequivocal.

The payment so made by us under this guarantees shall be valid discharge of our liability for payment thereunder and the contractor shall have no claim against us for making such payment.

We _____ 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 contract agreement and that it shall continue to be enforceable till all the dues of IIT TIRUPATI under or by virtue of the said contract agreement have been fully paid and its claims satisfied or discharged or till IIT TIRUPATI certifies that the terms and conditions of the said contract agreement have been fully and properly carried out by the said contractor and accordingly discharges this Guarantee. Our Guarantee shall remain in force until _____ and unless a demand or claim under this guarantee is made on us in writing within six months from the expiry of the Guarantee period, we shall be discharged from all liability under this Guarantee thereafter.

We _____ Bank, further agree that IIT TIRUPATI shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Contract agreement or to extent time of performance by the said contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by IIT TIRUPATI against the said contractor and to forbear or enforce any of the terms and conditions relating to the said contract agreement and we shall not be relived from our liability by reason of any such variation, or extension being granted to the said contract agreement or for any forbearance, act or omission on the part of IIT TIRUPATI or any indulgence by IIT TIRUPATI to the said contractor or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision, have effect of so relieving us.

This guarantee will not be discharged due to the change in the constitution of the Bank or the Consultant.

We _____ Bank lastly undertakes not to revoke this guarantee during its currency except with the previous consent of IIT TIRUPATI in writing.

Dated the _____ day of 2023

.....
Signature of the Authorised Officer of the Bank
.....

.....
(Name and designation of the Officer)

Seal

Name, Address of the Bank (Head Office) with Phone/Fax Nos.

Name & Address of the Branch with Phone/Fax Nos.

(To be given on the letter head of the bidder)

No. _____

Dated:

CERTIFICATE

(Bidders from India)

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and hereby certify that I am not from such a country.

OR (whichever is applicable)

(Bidders from Country which shares a land border with India)

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and hereby certify that I from _____ (Name of Country) and has been registered with the Competent Authority. I also certify that I fulfil all the requirements in this regard and is eligible to be considered. *(Copy/ evidence of valid registration by the Competent Authority is to be attached)*

Place:
Date:

Signature of the Tenderer
Name & Address of the
Tenderer with Office Stamp

FORMAT FOR AFFIDAVIT OF SELF-CERTIFICATION UNDER PUBLIC PROCUREMENT POLICY(PREFERENCE TO MAKE IN INDIA) 2017

Tender Reference

Number:

Name of the item / Service:

Date:

I/We _____ S/o, D/o, W/o, _____ Resident of _____ Hereby solemnly affirm and declare as under:

That I will agree to abide by the terms and conditions of the Public Procurement (Preference to Make in India) Policy vide Gol Order no. P-45021/2/2017-PP (B.E.-II) dated 15.06.2017 (subsequently revised vide orders dated 28.05.2018, 29.05.2019 and 04.06.2020) MOCI order No. 45021/2/2017-PP (BE II) Dt.16th September 2020 & P- 45021/102/2019-BE-II-Part(1) (E-50310) Dt.4th March 2021 and any subsequent modifications/Amendments, if any and

That the local content for all inputs which constitute the said item/service/work has been verified by me and I am responsible for the correctness of the claims made therein.

Tick (✓) and Fill the Appropriate Category	
<input type="checkbox"/>	I/We _____ [name of the supplier] hereby confirm in respect of quoted items that Local Content is equal to or more than 50% and come under “ Class-I Local Supplier ” category.
<input type="checkbox"/>	I/We _____ [name of the supplier] hereby confirm in respect of quoted items that Local Content is equal to or more than 20% but less than 50% and come under “ Class-II Local Supplier ” category.

The details of the location (s) at which the local value addition is made and the proportionate value of local content in

Percentage

Percentage of Local content: _____ %** .

Place of the local content value calculated : _____

For and on behalf of (Name of firm/entity)

Authorized signatory (To be duly authorized by the Board of Directors)
<Insert Name, Designation and Contact No.>

[Note: In case of procurement for a value in excess of Rs. 10 Crores, the bidders shall provide this certificate from statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.]

This letter should be on the letterhead of the quoting firm and should be signed by a competent authority.

** Services such as transportation, insurance, installation, commissioning, and training and after sales service support like AMC/CMC cannot be claimed as local value addition

Certified that the Application for Eligibility as published on the e-Tender website contains 80 pages only.

Executive Engineer (Civil)
Engineering Unit,
1st Floor, Permanet campus,
IIT Tirupati, Tirupati – 517 619

Signature of the Tenderer

Validate

Print

Help

Item Rate BoQ

Tender Inviting Authority: Executive Engineer ♦

Name of Work: Comprehensive Civil AMC for Carpentry, Plumbing, External development works, and day-to-day maintenance works in IIT Tirupati, Yerpedu (M), Tirupati (Dt).

Contract No: IITT/EU/EE(C)/23-24/001

Name of the Bidder/
Bidding Firm /

PRICE SCHEDULE

(Rate quoted shall be converted into Percentage basis for the awarding of work)

NUMBER #	TEXT #	NUMBER	TEXT #	NUMBER	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	BASIC RATE In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT inclusive of all Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	6	13	53	55
1	Comprehensive Civil AMC for Carpentry, Plumbing, External development works, and day-to-day maintenance works in IIT Tirupati, Yerpedu (M), Tirupati (Dt).						
1.01	PART-A Annual Maintenance of Plumbing, Carpentry, External Development, Masonry complaints as per Schedule-1) (Rate quoted shall be converted into Percentage basis)	12.000	Months	544032.00		0.00	INR Zero Only
1.02	PART-B Minor Civil works as per the Schedule -2 (Item-No-1 to 560) The bidder has to see the items and quote accordingly. (Rate quoted shall be converted into Percentage basis for the all items in schedule-2)	1.000	LS	33471616.00		0.00	INR Zero Only
Total in Figures						0.00	INR Zero Only
Quoted Rate in Words						INR Zero Only	