

Indian Institute of Technology Gandhinagar



Notice Inviting e-Tender

Name of Work: Providing and installation of chain link fencing at the boundary of the Fire Building at IIT Gandhinagar.

NIT No: 03/IITGN/ IWD/2026-27

NIT No: 03/IITGN/ IWD/2026-27

Name of Work: Providing and installation of chain link fencing at the boundary of the Fire Building at IIT Gandhinagar.

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Certified that this N.I.T. amounting to **Rs. 17,90,385 (Rupees. Seventeen lakh ninety thousand three hundred eighty-five Only.)** contains 1 to 37 pages only in chronological order.

OFFICE MEMORANDUM

NIT No. 03/IITGN/ IWD/2026-27

Notice Inviting e-Tender for the following work has been approved for Rs. 17,90,385/-

1.	Name of work	Providing and installation of chain link fencing at the boundary of the Fire Building at IIT Gandhinagar.
2.	NIT No	03/IITGN/ IWD/2026-27
3.	Head of Account	Minor work

**--sd--
Superintending Engineer
Indian Institute of
Technology Gandhinagar**

Copy along with NIT forwarded to:

1. Dean (CD)
2. EE
3. AEE (C)
4. Notice board

PART - "A"

Indian Institute of Technology Gandhinagar

Notice Inviting e-Tender

The Superintending Engineer, Indian Institute of Technology Gandhinagar (IITGN), Academic Block No. 09/303, IIT Gandhinagar, Palaj, Gandhinagar, Gujarat 382055 on behalf of the Director, IIT Gandhinagar invites **Online Percentage Rate Tender** in a Two-bid system from the contractors on approved list in **appropriate Class and Category of CPWD, MES & IIT Gandhinagar** having executed civil projects of civil works independently or as an associate contractor in composite contract for the following work:

NIT No.	03/IITGN/ IWD/2026-27	
Name of Work	Providing and installation of chain link fencing at the boundary of the Fire Building at IIT Gandhinagar.	
Estimated Cost	Rs.17,90,385/-	
Earnest Money	Rs. 35,808/-	
Tender Fee	Rs. 1000/-	
Period of completion	02 Months	
Critical Dates:		
Publish Date	07.05.2026	at 18:40 Hrs.
Document download start date	07.05.2026	at 18:45 Hrs.
Bid submission start date	07.05.2026	at 18:50 Hrs.
Document download end date	17.05.2026	at 15:00 Hrs.
Bid submission end date	18.05.2026	at 10:00 Hrs.
Bid opening date	19.05.2026	at 11:00 Hrs.

--sd--

**Superintending Engineer
Indian Institute of Technology
Gandhinagar**

Note: -

1. Applicants are advised to keep visiting the website from time to time (till the deadline for bid submission) for any updates in respect of the tender documents, if any. Failure to do so shall not absolve the applicant of his liabilities to submit the applications complete in all respect including updated thereof, if any. An incomplete application may be liable for rejection.
2. **The Institute does not make calls for any payments related to bidding process at any stage. If any calls are received by prospective bidders, it shall be considered as fraud and it is the responsibility of the bidders to report them on appropriate forum.**

INFORMATION & INSTRUCTIONS FOR BIDDERS FOR e-TENDERING FORMING PART OF TENDER DOCUMENT AND TO BE POSTED ON WEBSITE

The Superintending Engineer, Indian Institute of Technology Gandhinagar (IITGN), Academic Block No. 09/303, IIT Gandhinagar, Palaj, Gandhinagar, Gujarat 382055 on behalf of the Director, IIT Gandhinagar invites **Online Percentage Rate Tender** in a Two-bid system from the contractors on approved list **appropriate Class and Category of CPWD, MES & IIT Gandhinagar** having executed civil projects of civil works independently or as an associate contractor in composite contract for the following work:

Sl. No	NIT No.	Name of Work	Estimated Cost	Tender fee	Earnest Money	Period of Completion	Last date & time of uploading of eligibility & Financial Bid, Original EMD, tender fee & other documents	Bid/documents Opening date and time
1	03/IITGN/ IWD/2026-27	Providing and installation of chain link fencing at the boundary of the Fire Building at IIT Gandhinagar.	Rs. 17,90,385/-	Rs 1000/-	Rs. 35,808/-	02 Months	18.05.2026 10:00 AM	19.05.2026 11:00 AM

1. The Contractors who fulfill the following requirements shall be eligible to apply:
 - (a) Contractor must be registered in **appropriate Class and Category of CPWD, MES & IIT Gandhinagar** having executed civil projects of civil works independently or as an associate contractor in composite contract.
 - (b) Contractors having registration in **appropriate Class and Category of CPWD, MES & IIT Gandhinagar** shall not be enough for eligibility. Contractors should also have satisfactorily completed the works as mentioned below during the last seven years ending last day of the month previous to the one in which tender is invited:
 - Three similar works each of value not less than (40%) Rs. 7.16 lakhs
OR
 - Two similar works each of value not less than (60%) Rs. 10.74 lakhs
OR
 - One similar work of value not less than (80%) Rs. 14.32 lakhs

The value of all above executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum calculated from the date of completion to last day of month previous to the one in which tender is invited.

Similar work means "Provision of Fencing works" in central govt. organizations.

The Contractor shall submit the completion certificate along with abstract of final bill for such works with technical bid under pre-qualification criteria. Pre-qualification bids received without such experience (Completion certificate) shall be summarily rejected.

2. Tenderer shall submit self-attested Completion Certificate(s) issued by the officer not below the rank of Executive Engineer or equivalent in case of Govt. Works. The completion certificate must clearly indicate:
 - Name of Work
 - Date of Start
 - Stipulated and actual date of completion
 - Gross Value of work done
 - That the work has been completed Satisfactorily
 - Full address of Client, Officer issuing the certificate and location of executed work

The tenderer shall also have to furnish an affidavit as under:

I/We undertake and confirm that eligible work(s) has/have not been executed through another contractor on back-to-back basis. Further if such violation comes into the notice of the institute before the date of start of work, the Engineer-in-charge shall be free to forfeit the EMD and Performance Bank Guarantee.

3. **Manual/Offline bids shall not be accepted.**
4. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
5. Information and Instructions for bidders posted on the website shall form part of this bid document.
6. Bid documents, consisting of plans, specifications, the schedule of quantities of items to be executed, and set of terms and conditions of the contract can be seen **in office of the Superintending Engineer, Building & Works Department, Indian Institute of Technology Gandhinagar, Academic Block-9/303, Palaj, Gandhinagar-** Gujarat between hours of 10.00 AM and 6.00 PM from 07.05.2026 to 15.05.2026 every day except on Saturday & Sunday or public holidays or can be seen on website http://www.iitgn.ac.in/tender_bwd.htm or www.eprocure.gov.in
7. The intending bidder has to deposit **earnest money of Rs. 35,808/-** and a **tender fee of Rs. 1000/-** through e-payment / online mode in the following account details:

Account Name : IIT Gandhinagar Revenue Account
Account No : 5159132000006
IFS Code : CNRB0005159
Bank Name : Canara Bank

8. Bids submitted without the tender fee and earnest money will not be considered.
9. The quoted percentage shall be inclusive of all taxes, levies & cess etc.
10. If a tenderer does not quote any percentage above/ below on the total amount of the tender or any section/ sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
11. Any downloading from the website will be at the sole risk and responsibility of the user. IIT Gandhinagar will not be responsible for any delay/ difficulty of downloading facility for any reason whatsoever. Contents of NIT published in the institute website shall remain valid for all contracts/ tender purposes. No changes in contents/ conditions in tender documents shall be acceptable and terms and conditions of NIT shall be binding on the contractor.
12. The intending bidder must have a valid class-III digital signature to submit the tender.
13. On the opening date, the contractor can log in and see the tender opening process. After the opening of tenders, he will receive the competitor tender sheets.
14. Contractor can upload documents in the form of JPG format and PDF format.
15. The eligibility bid shall be opened first on the due date and time as mentioned above. Price bid shall be opened for eligible firms only.
16. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.
17. List of documents to be filled in by the bidders in various forms as indicated in NIT, to be scanned and uploaded within the period of bid submission:

S.No.	List of Documents
1	Scanned copy of online challan/receipt of payment made for EMD
2	Certificate of Registration for GST.
3	PAN card and Bank Account Details
4	Copy of Registration in appropriate class and eligible category of CPWD/MES/IITGN
5	Scanned copy of online challan/receipt of payment made for tender fee.
6	EPF and ESIC Registration certificate as applicable
7	Work Experience/ Completion Certificate

18. Any clarification on the content of the NIT/ Tender document can be referred to the Executive Engineer, IIT Gandhinagar (Phone No. 079-2395-1151) email: se1@iitgn.ac.in

- by making a written request up to **15/05/2026 up to 3:00 PM**. Efforts will be made to issue the clarification in this connection in writing in next days by IIT Gandhinagar.
19. Corrigendum/Addendum to this tender, if any, will be uploaded on the website mentioned above. This may kindly be noted by the bidders/prospective bidders.

--sd--
Superintending Engineer
IIT Gandhinagar

CPWD-6

NOTICE INVITING TENDER FOR e-TENDERING

The Superintending Engineer, Indian Institute of Technology Gandhinagar (IITGN), Academic Block No. 09/303, IIT Gandhinagar, Palaj, Gandhinagar, Gujarat 382055 on behalf of the Director, IIT Gandhinagar invites **Online Percentage Rate Tender** in a Two-bid system from the contractors on approved list of **appropriate Class and Category of CPWD, MES & IIT Gandhinagar (Infrastructure Category)** having executed civil projects of civil works independently or as an associate contractor in composite contract for the work of "Providing and installation of chain link fencing at the boundary of the Fire Building at IIT Gandhinagar."

1. The enlistment of the contractors should be valid on the last date of submission of bids. In case the last date of submission of bid is extended, the enlistment of contractor should be valid on the original date of submission of bids.
2. The work is estimated to cost **Rs. 17,90,385/- (Civil Works)**. This estimated cost, however, is given merely as a rough guide.
3. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD-7 (or other Standard Form as mentioned), which is available as a Govt. of India Publication (and also available on website www.cpwd.gov.in. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
4. The time allowed for carrying out the work will be 02 (Two) Months from the date of start as defined in **Schedule 'F'** or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.
5. The site for the work is available.
6. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except for Standard General Conditions of Contract Form and it can be seen on the website www.cpwd.gov.in free of cost.
7. **Earnest Money** amounting to Rs. 35,808 /- and **Tender Fee** of Rs. 1000/- shall be paid through e-payment / online mode in the following account details:

Account Name	: IIT Gandhinagar Revenue Account.
Account No	: 5159132000006 .
IFS Code	: CNRB0005159
Bank Name	: Canara Bank

8. The bid submitted shall become invalid and e-tender fee shall not be refunded if:
 - The bidders are found ineligible.
 - The bidders do not submit all the documents as stipulated in the bid document. If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the bidder in the office of bid opening authority.
 - If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

9. The contractor whose bid is accepted will be required to furnish performance guarantee of **5% (five Percent)** of the ECPT amount within the period specified in Schedule F.

The bid will be treated as abnormally low if the **quoted bid amount is lesser than 80%** of the estimated cost put to Tender. **Requirement of additional Performance Guarantee (APG):** In Case of abnormally low bids as defined above, the bidder shall be required to submit additional Performance Guarantee (APG) in addition to the Standard Performance Guarantee (PG) of 5% of ECPT. The amount of additional Performance Guarantee (APG) shall be equivalent to the **difference between the 80% amount of ECPT and quoted amount.**

This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10000/-) or Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/ Pay order of any Scheduled Bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. If applicable and also ensure the compliance of aforesaid provisions by the sub-contractors, if any engaged by the contractor for the said work within the period specified in Schedule F.

10. The description of the work is as shown in BOQ.
11. Intending tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to see the condition of building and infrastructure facilities of the IITGN campus and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid.
12. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidder shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by IIT Gandhinagar and local conditions and other factors having a bearing on the execution of the work.
13. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is

found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.

14. After acceptance of the bid by competent authority, the SE, IITGN shall issue letter of award on behalf of the Director IITGN. After the work is awarded, the main contractor will have to enter in to one agreement with SE, IITGN and has also to sign three or more copies of agreement depending upon number of in charge of minor components. One such signed set of agreement shall be handed over to in charge of minor component.
15. The competent authority on behalf of the Director of IITGN, Gandhinagar reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
16. The bid for the works shall remain open for acceptance for a period of **75 days** from the date of opening of bid. If any bidders withdraw his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the IIT Gandhinagar shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further, the bidders shall not be allowed to participate in the re-bidding process of the work.
17. The competent authority on behalf of the Director, IITGN does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
18. This notice inviting bid shall form a part of the contract document. The successful bidders/ contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:
 - (a) The Notice Inviting e-Tender, all the documents including **GCC Construction Works 2023**, additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the **percentage rates** quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
 - (b) Standard CPWD Form-7 or other Standard CPWD Form as applicable.
19. The tenderer must be associate with himself, agencies of appropriate eligibility to tender for each of specialized nature of item/ works listed in the tender document individually. Such work shall be got executed only through associate agencies specialized in the fields. The tenderer whose tender is accepted shall indicate the name(s) of his associate agencies specialized in the field. The tenderer whose tender is accepted shall indicate the name (s) of his associate specialized agencies those full fill the eligibility criteria laid down in the tender document after award of work and at least 07 days before commencement of such item / work for the approval of Engineer-in- charge whose decision shall be final and binding.

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**Superintending Engineer
IIT Gandhinagar**

UNDERTAKING

To,

The Superintending Engineer
IIT Gandhinagar

Subject: Providing and installation of chain link fencing at the boundary of the Fire Building at IIT Gandhinagar.

Sir,

I/we undertake and confirm that eligible work(s) has/ have not been got executed through another contractor on back to back basis. Further that, if such violation comes to the notice of Institute then I/we shall be liable for appropriate Panel action as decided by Institute i/c debarred for work in institute/ CPWD, in future forever.

Also, if such a violation comes to the notice of Institute before date of start of work, the Engineer-in- charge shall be free to forfeit the entire amount of Earnest money deposited/Performance Guarantee.

Seal of bidder:

Date of submission:

Signature(s) of Bidder(sig)

CPWD – 7	IITGN
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PERCENTAGE RATE e-TENDER & CONTRACT FOR WORK

Tender for the work of: Providing and installation of chain link fencing at the boundary of the Fire Building at IIT Gandhinagar.

TENDER

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F, Specification applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the Director, IIT Gandhinagar within the time specified in Schedule 'F' viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawing and instructions in writing referred to in Rule- 1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by and in respect of accordance with, such conditions so far as applicable.

We agree to keep the tender open for **Seventy-Five (75) days** from the due date.

A sum of **Rs. 35,808/-** is hereby forwarded in cash/receipt treasury challan / deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank as earnest money.

A copy of earnest money in receipt treasury challan/deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank is scanned and uploaded (**strike out as the case may be**). If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said Director, IIT Gandhinagar or his authorized representative or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that Director, IIT Gandhinagar or his authorized representative or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance

Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

Further, I/We agree that in case of forfeiture of Earnest Money or Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/We shall be debarred for tendering in CPWD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived there from to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety & integrity of the State.

Dated

Signature of Contractor

Witness:

Postal Address

Address:

Occupation:

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the Director, IITGN for a sum of Rs.

(Rupees.....
.....
.....
.....)

The letters referred to below shall form part of this contract agreement: -

- (a)
- (b)
- (c)

For & on behalf of IIT Gandhinagar

Dated:

Signatures.....
Designation.....

PROFORMA OF SCHEDULES	IITGN
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SCHEDULE 'A'

Schedule of quantities: As per price bid published online with tender and NIT.

SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

S.No.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of issue
1	2	3	4	5
---- Nil ----				

SCHEDULE 'C'

Tools and plants to be hired to the contractor

S. No	Description	Hire charges per day	Place of Issue
1	2	3	4
---- Nil ----			

SCHEDULE 'D' Extra schedule for specific requirements/ document for the work, if any.	NIL
SCHEDULE 'E' Reference to General Conditions of contract.	GCC Construction Works, 2023 for CPWD Work Contract amended up to last date of submission of bids.
Name of Work	Providing and installation of chain link fencing at the boundary of the Fire Building at IIT Gandhinagar.
Estimated cost of work	Rs. 17,90,385/-
Earnest money	Rs. 35,808 /- (to be returned after receiving performance guarantee)
Performance guarantee	5% of ECPT. The bid will be treated as abnormally low if the quoted bid amount is

	<p>lesser than 80% of the estimated cost put to Tender. Requirement of additional Performance Guarantee (APG): In Case of abnormally low bids as defined above, the bidder shall be required to submit additional Performance Guarantee (APG) in addition to the Standard Performance Guarantee (PG). The amount of additional Performance Guarantee (APG) shall be equivalent to the difference between the 80% amount of ECPT and quoted amount.</p>
Security Deposit	2.50% of tendered value
SCHEDULE 'F'	
GENERAL RULES & DIRECTIONS: Officer inviting tender	Superintending Engineer, IIT Gandhinagar.
Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clause 12	No Limit.
Definitions:	
2(v) Engineer-in-Charge	As appointed by the Superintending Engineer, IIT Gandhinagar.
2(viii) Accepting Authority	Superintending Engineer, IIT Gandhinagar.
2(x) Percentage on cost of materials and labour to cover all overheads and profits:	15%
2(xi) Standard Schedule of Rates	CPWD DSR 2023 with up-to-date correction slips
2(xii) Department	Institute Works Department, IIT Gandhinagar
9(ii) Standard CPWD Contract Form	General Conditions of Contract for Central PWD Works 2023 (for Construction Works), CPWD Form 7/8 and incorporating amendments up to the last date of submission of bids.

Clause 1			
(i) Time allowed for submission of performance guarantee, program chart (time and progress) and applicable labor licenses, registration with EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance.			7 days
(ii) Maximum allowable extension with late fee at 0.1% per day of performance guarantee amount beyond the period provided in (i) above			3 days
Clause 2			
Authority for fixing compensation under clause 2			Superintending Engineer, IIT Gandhinagar.
Clause 2A			
Whether Clause 2A shall be applicable			Applicable
Clause 5			
Number of days from the date of issue of letter of acceptance for recognizing date of start.			07 Days
Table of Mile stone(s)			
Milestone No.	Description of Milestone	Time allowed from date of start(Days)	Amount to be withheld in case of non- achievement of milestone
NIL			
Note: The withhold milestone will only be released when subsequent milestone is achieved within the specified time.			
Time allowed for execution of work			2 (Two) Months
Authority to decide:			
(i) Extension of time			Superintending Engineer, IIT Gandhinagar.
(ii) Rescheduling of mile stones			Superintending Engineer, IIT Gandhinagar.
(iii) Shifting of date of start in case of delay in handing over of site			Superintending Engineer, IIT Gandhinagar.
Clause 5.2			Applicable
Clause 6			Applicable with below

		<p>modification: "All measurements of all items having financial value shall be entered by the contractor and compiled in the shape of the Computerized Measurement Book" to be read as "All measurements of all items having financial value shall be entered by the Engineer-in-charge and compiled in the shape of the Computerized Measurement Book"</p>
Clause 7		
Gross work to be done together with net payment / adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment		9 (Nine) Lakhs.
Clause 7A Whether Clause 7A shall be applicable		N.A.
Clause 10A List of testing equipment provided by the contractor		As per additional condition
Clause 10C Component of labor expressed as percent of value of work		N.A.
Clause 10CC		N.A.
Clause 10 CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column:		NIL
Schedule of component of other Materials, Labour, POL etc. for price escalation.		

Civil construction materials (except materials covered under clause 10CA)/ Electrical construction Materials expressed as percent of total value of work		N.A.			
Component of Labour- expressed as percent of total value of work.		N.A.			
Component of P.O.L. expressed as percent of total value of work.		N.A.			
Clause 11					
Specifications to be followed for execution of work		CPWD Specifications 2019 (Volume-I & II) with up to date correction slips till date of submission of tender and manufacturer's specification wherever applicable			
Clause 12					
12.2. & 12.3 Deviation limit beyond which clauses 12.2 & 12.3 shall apply for building works		N.A.			
Clause 16					
Competent authority for deciding reduced rates		Superintending Engineer, IIT Gandhinagar.			
Clause 18					
Tentative list of machinery, tools & plants deployed by the contractor at site:-		As per NIT condition			
Clause 25					
Constitution of Dispute Redressal Committee (DRC)		DRC shall constitute one chairman and two members			
Competent authority to appoint DRC		Director, IIT Gandhinagar			
Clause 32					
Requirement of technical representative(s) and recovery rate					
Sl. No	Minimum Qualification of Technical Representative	Designation of Technical Staff	Minimum experience (years)	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling the provision

					Figures	Words.
1.	Graduate Engineer or Diploma Engineer	Project Engineer cum site billing Engineer	2 or 5 years respectively	1 No.	Rs. 15,000/- Per Month per person	Rs. Fifteen Thousand Per Month per person
<p><u>Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers</u></p> <p>Diploma holder with minimum 5-year relevant experience with a reputed construction company can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers</p>						

Part - 'B'

GENERAL CONDITIONS OF CONTRACT

1. Samples for particular items of work shall be prepared, where so specifically desired by Engineer- in-charge, for prior approval of the Engineer-in-charge, before taking up the same on mass scale and nothing shall be payable on this account.
2. The contractor shall take instructions from the Engineer-in-charge for stacking of materials at site. No excavated earth or building materials shall be stacked on areas where the building, roads, services or compound walls or any other structure are to be constructed.
3. Some restrictions may be imposed by the security staff etc. on the working and for movement of labor, materials etc. The contractor shall be bound to follow all such restriction / instructions and noting extra shall be payable on this account.
4. Other agencies doing works related with this project will also simultaneously execute the work and the contractor shall afford necessary facilities for the same. The contractor shall leave such necessary holes, opening etc., for laying / burying in the work pipes, cables, conduits, clamps, boxes and hooks for fan clamps etc. as may be required for other agencies. Conduits for electrical wiring / cables will be laid in such a way that leave enough space for concreting and do not adversely affect the structural members. Noting extra over the agreement rates shall be paid for the same. The contractor shall extend necessary co-operation to other such agencies without any claim on this account.
5. Stacking of materials and excavated earth including its disposal shall be done as per directions of the Engineer-in-charge. Double handling of materials or excavated earth, if required, shall have to be done by the contractor at his own cost.
6. No claim for idle establishment & labor, machinery & equipment, tools & plants and the like, for any reason whatsoever, shall be admissible during the execution of work as well as after its completion.
7. Existing drains, pipes, cables, overheads wires, sewer lines and water lines and similar services encountered in the course of the execution of the work shall be protected against the damage by the contractor at his expenses. The contractor shall not store materials or otherwise occupy any part of the site in a manner likely to hinder the operation of such services.
8. Malba received from site shall be removed to designated site (fixed by Engineer in charge) on same day, otherwise it will be removed and a penalty of Rs. 200/- shall be imposed on the contractor for each day of default.
9. Splashes on the floors, walls, glasses & other places must be removed after completion of work. Glass panes must be cleaned after completion of works. In the event of failure to clean splashes the work of cleaning will be got done at the risk and cost of the agency.
10. Before starting the work, the contractor shall chalk out a program in consultation with the Junior Engineer / Assistant Engineer in charge so as to

inform the occupants in advance. The contractor shall have to adhere this program, failing which he shall be held responsible for any inconvenience caused to the occupants. In order to ensure that the work is carried out according to the program drawn up, the contractor shall ensure adequate supply of the material and employ required labor strength for execution of work. In case contractor fails to arrange / employ adequate labor and stick to the program, the Engineer in charge may supplement the labor at the risk and cost of the contractor after issue of one day's notice to the contractor through site order book. No claim for idle labor shall be entertained. The contractor shall put his representative daily on site of work. His name & signature shall be attested by the contractor on the record for the department.

11. Any damage done to the existing structure shall be made good by the contractor at his own risk and cost.
12. The contractor shall be responsible for behavior and conduct of his worker. No worker with doubtful integrity or having a bad record shall be engaged by the contractor.
13. The work has to be carried out in residential accommodation at Housing, Hostels, Academic and external infra campus of IITGN on the basis of requirement/ necessity, which crops up time to time as per direction of Engineer- in- charge.
14. The contractor shall take all safety precautions to avoid accidents by exhibiting caution boards, red flags, red lights and by providing necessary barricading at his own cost and all other measures required from time to time. The contractor shall be responsible for all damages and accidents due to negligence on his part.
15. The contractor shall give the Engineer-in-charge on the 4th day of each month, a progress report of the work done during the previous month. The progress of work will be reviewed periodically by the Engineer-in-charge with the contractor and shortfalls, if any, sorted out. The contractor shall thereupon take such action as may be necessary to bring back his work to schedule without any additional cost the department.
16. The contractor shall be responsible for the watch and ward of the site / property/material provided by him against pilferage and breakage during the period of execution and thereafter till the work is physically handed over to the department.
17. The contractor shall ensure quality construction in a planned and time bound manner. Any sub- standard material or work beyond set out tolerance limits shall be summarily rejected by the Engineer-in-charge.
18. The contractor shall make his own arrangements for temporary electric connection, if required and make necessary payment including electric charge for its use direct to the authority concerned. The department will not at all be responsible for making arrangements in these regards. The department will provide all possible assistance by way of reasonable recommendation for obtaining electric connection to the concerned authorities but bears no responsibility for the same. In case local body fails to sanction/ provide the electric connection or delay it the contractor shall make his own arrangement

by providing diesel generators of adequate at his own cost. In case taking temporary connection is not feasible the contractor may be allowed to use institute electricity subject to a deduction of 1.00 % from Gross Amount of Bill. The contractor shall use electricity only from the tapping points made available to him by IIT Gandhinagar. However, he shall ensure all safety issues involved therein.

19. Electricity and Water will be provided free of cost by the institute, however contractor has to make his own arrangements for tapping it from the point provided by Engineer-in-charge.
20. The contractor shall take all necessary precautions to prevent any nuisance or inconvenience to the owners, tenants or occupants of adjacent properties and to the public in general and to prevent any damage to such properties and any pollution of smoke, noise streams and water – ways. He shall make good at his cost and to the satisfaction of the Engineer-in-charge, any damage to roads, paths, cross drainage works or public or private property whatsoever caused thereon by the contractor. All waste or superfluous materials shall be carried away by the contractor without any reservation entirely to the satisfaction of the Engineer-in-charge.
21. All material bill invoice has to be submitted with R/A & Final bills.
22. Plantation /preservation/conservation measures:
 - (i) The contractor will take reasonable precaution to prevent his workmen and employees from removing and damaging any flora (plant/vegetation) from the area.
23. Items where CPWD Specification 2019 (Vol- I & II) are not applicable, shall be executed as per manufacturer's specifications or as per the direction of Engineer – In – Charge.
24. The defect liability period will be 1 year from date of completion.

SPECIAL CONDITIONS

- 1) The execution of items shall be carried out in accordance to relevant CPWD specifications 2019 (Volume 1 & 2) amended up to the date of receipt of tenders. For the items which are not covered under CPWD specifications, the Particular Specifications / B.I.S. Specifications shall have to be followed. The decision of Engineer-in-Charge shall be final in this regard.
- 2) Wherever any reference is made to any Indian Standard, it shall be taken as reference to the latest edition with all amendments / revision issued there up to the date of receipt of tenders.
- 3) Unless otherwise specified, the agreement rates for all items of work of the Schedule of Quantities are for all heights, depths, leads and lifts involved in the execution of work.
- 4) The contractor shall make his own arrangement of water required for the work.
- 5) Other agencies working at site will also simultaneously execute the work. The contractor shall offer necessary cooperation to other agencies wherever required.
- 6) On account of security consideration, there could be some restrictions on the working hours, movement of vehicles for transportation of materials, etc. The contractor shall be bound to follow all such restrictions and adjust the programs for execution of works accordingly.
- 7) No residential accommodation shall be provided to any of the staff engaged by the contractor. The contractor shall also not be allowed to erect any temporary set up for his staff in the campus.
- 8) No claim of the workmen shall be entertained including that of providing employment, regularization of services etc.
- 9) The contractor shall take immediate action to attend any complaint received from occupants. In all cases, he shall attend the complaints in the specified duration as mentioned below:
 - a. Any malba / building rubbish generated is to be disposed of as soon as one truck load is accumulated (approx. 5 cum) to designated place.
 - b. This malba / building rubbish has to be disposed of to the dumping ground as approved by the Engineer-in-Charge in consultation with IITGN. The rates quoted by the contractor are inclusive of all operations, labor, leads and lifts from site of work to the dumping ground.
 - c. The staff employed by the contractor should be well behaved and any complaint of misbehavior shall be taken very seriously and such staff will have to be removed by the contractor immediately from the site.
 - d. The contractor shall make all safety arrangements required for the labor engaged by him at his cost. All consequences due to negligence on behalf of security / safety or otherwise shall be on the contractor. The department shall not be responsible for any mishap, injury, accident or death of the contractor's staff. No claim in this regard shall be entertained / accepted by the department.
 - e. Contractor shall be fully responsible for any damages caused to government

property or allotter's property by him or his labor in carrying out the work and shall be rectified by the contractor at his own cost.

10) ELECTRIC SUPPLY

IIT Gandhinagar will provide the electric connection free of cost. In that case, contractor has to make his own arrangement for laying the cables and other distribution system from the tap off point.

11) WATER SUPPLY

IIT Gandhinagar will provide the water supply free of cost. In that case, contractor has to make his own arrangement for laying the pipeline and other distribution system from the tap off point.

12) In case of any difference or discrepancy between the description of items as given in the schedule of quantities, particular specifications for individual items of work (including special conditions) and I.S. Codes etc., the following order of preference shall be observed:

- (i) Description of items as given in Schedule of quantities
- (ii) Particular specifications
- (iii) Special conditions
- (iv) Additional Conditions
- (v) Working drawings
- (vi) CPWD Specifications including correction slips issued up to the last date of uploading/submission of tender.
- (vii) General Conditions of Contract for CPWD works
- (viii) I.S. Codes
- (ix) Decision of Engineer-in-Charge
- (x) Sound Engineering practices or well established local construction practices

Note: Unless otherwise specified, CPWD Specifications 2019 Volume I & II with corrections slips till the last date of tender submission shall be followed in general. Any additional item of work, if taken up subsequently, shall also conform to the relevant CPWD Specifications mentioned above.

13) The contractor shall be responsible for the watch and ward / guard of the buildings, safety of all fittings and fixtures including sanitary and water supply fittings and fixtures provided by him against pilferage and breakage during the period of installations and thereafter till the building is physically handed over to the IITGN. No extra payment shall be made on this account.

14) Excavated earth shall be property of IITGN and shall not be disposed of without approval of Engineer in charge. Any legal or financial implications resulting out of disposal of earth shall be sole responsibility of the contractor.

15) Tools and Plants

a. The bidder should own constructions equipment as per clause 18 of Schedule-F required for the proper and timely execution of the work. Nothing extra shall be paid on this account.

b. No tools and plants including any special T&P etc. shall be supplied by the

Department and the contractor shall have to make his own arrangements at his own cost. No claim of hindrance (or any other claim) shall be entertained on this account.

16) Rates

- a. The rates quoted by the contractor are deemed to be inclusive of site clearance, setting out work, profile, setting lay out on ground, establishment of reference bench mark(s), installing various signage, taking spot levels, survey with total station, construction of all safety and protection devices, compulsory use of helmet and safety shoes, and other appropriate safety gadgets by workers, imparting continuous training for all the workers, barriers, preparatory works, construction of clean, hygienic and well ventilated workers housings in sufficient numbers as per drawing supplied by Engineer in charge, working during monsoon or odd season, working beyond normal hours, working at all depths, height, lead, lift, levels and location etc. and any other unforeseen but essential incidental works required to complete this work. Nothing extra shall be payable on this account and no extension of time for completion of work shall be granted on these accounts.
- b. The rates quoted by the tenderer shall be firm and inclusive of all taxes and levies including GST.
- c. For completing the work in time, the contractor might be required to work in two or more shifts (including night shifts). No claim whatsoever shall be entertained on this account, not with-standing the fact that the contractor may have to pay extra amounts for any reason, to the workmen and other staff engaged directly or indirectly on the work according to the provisions of the labor and other statutory bodies regulations and the agreement entered upon by the contractor with them.
- d. All material shall only be brought at site as per program finalized with the Engineer- in-Charge. Any pre-delivery of the material not required for immediate consumption shall not be accepted and thus not paid for.

1.1 SAFETY MEASURES

1.1.1 The issue of construction safety & standards has gained utmost importance in recent times. Contractors must follow highest safety standards and "ZERO" tolerance towards any violation of safety norms at the construction site. *All workers of contractor and associate agencies, invariably and at all the times, must follow all safety norms, adopt best safe work practices as per the requirement of the job and use all required safety gadgets in their working throughout the project duration.*

Note: 1 The special conditions detailed above are in addition to general/ other/ additional conditions as specified elsewhere in tender document.

Note: 2 Nothing extra shall be paid on the account of these special conditions.

The Engineer-in Charge can stop the work and seek removal of any workers from site in case of non-adoption of safety measures.

1.2 All temporary warning / caution boards / glow signage display such as "Construction Work in Progress", "Keep Away", "No Parking", Diversions & protective Barricades etc., shall be provided and displayed during day time by the Contractor, wherever required and as directed by the Engineer-in-Charge.

ADDITIONAL TERMS AND CONDITIONS

1. Prospective tenderer shall visit the site and acquaint him with site condition, existing restriction in movement / working hours' / security aspects. No complaint for loss of labor/unserviceable position of equipment shall be entertained at later stage on this account.
2. Tenderer shall provide the staff for running the installation as per requirement and should bear minimum qualification as prescribed in tender documents.
3. Work shall be carried out as per CPWD Specifications 2019 (Vol – I & II) with up-to-date correction slips. For the items which are not covered under CPWD specifications, the special conditions / B.I.S. specifications or recommendation of Manufacturer shall apply. In this regard the decision of Engineer-in-charge shall be final and binding on the contractor.
4. Successful tenderer shall keep records of work executed by updating in IITGN, preparation of records such as work register, log books etc.
5. Unless otherwise specified, the agreement rates for all items of work of the Schedule of Quantities are for all heights, depths, leads and lifts involved in the execution of work.
6. Other agencies working at site will also simultaneously execute the work entrusted to them and to their working; the contractor shall offer necessary cooperation wherever required to other agencies.
7. On account of security consideration, there could be some restrictions on the working hours, movement of vehicles for transportation of materials and location of labor camp. The contractor shall be bound to follow all such restrictions and adjust the program for execution of works accordingly.
8. The work shall be carried out in a manner complying in all respects with the requirements of relevant bye laws of the local bodies, labor laws, Minimum Wages Act, Workmen Compensation Act and other statutory laws enacted by Central Govt. as well as State Govt.

9. No residential accommodation shall be provided to any of the staff engaged by the contractor. The contractor shall also not be allowed to erect any temporary set up for his staff in the campus.
10. Rate quoted should be inclusive of all taxes including GST, other local levy and cess. Nothing extra shall be payable to contractor on this account.
11. Contractor shall arrange mobile phone to his representative at site to attend the calls of complaint. He shall also arrange transport to his worker for attending distant works or shall pay transport allowances to workers in the quoted rates. Nothing extra shall be paid for this from the Institute.
12. No Claim of the labor shall be entertained by the institute including that of providing employment, regularization of services etc.
13. All T&P including ladders shall have to be arranged by the contractor. No T&P shall be issued by the department.
14. The proposed building is a prestigious project and quality of work is of paramount importance. Contractor shall have to engage well- experienced skilled labor and deploy modern T&P and other equipment to execute the work.
15. The contractor shall ensure quality construction in a planned and time bound manner. Any sub-standard material / work beyond set out tolerance limit shall be summarily rejected by the Engineer-in-charge & contractor shall be bound to replace / remove such sub-standard / defective work immediately. Condition for collection/ disposal of malba / building rubbish
 - (a) Any malba / building rubbish generated during working by the contractor of this work is to be removed from the site within 24 hours and to be stacked at a pre-designated place. In case of failure to meet these deadlines a lump sum amount of **Rs. 200/- (Rupees two hundred only)** per complaint per day will be recovered from his bills / security deposit for every default to attend the complaints assigned to him. Dismantled material shall be taken away and disposed by the contractor at his cost or shall be deposited to department as per direction of direction of Engineer-in-charge or his authorized representative. Nothing extra shall be paid or recovered on account of this.
16. The personnel and labors engaged by the contractor under this contract shall **wear neat and clean cloths (shirt, pant, safety shoes with tool badges)**. An identity card shall be issued to each personnel by the contractor to have proper identification. Non availability of same suitable penalty to be imposed on contractor as decided by Engineer in –charge. Nothing extra shall be paid to the contractor on this account. The department reserves its right to get the police verification done for the staff and labor employed by the contractor at the cost of contractor.
17. IITGN campus is neat and clean campus. Hence Chewing, spitting tobacco

and smoking are strictly prohibited in the premises. If any worker found using this IITGN shall take suitable action against him.

18. All materials, T&P, consumable and contingent articles required for the work shall be arranged by the contractor. Materials used shall be in preferences.
 - Under the Nomenclature of the item.
 - ISI marked.
 - CPWD specifications.
 - CPWD approved.
 - Direction of the Engineer-in-charge.
19. Materials used for replacement shall have same or richer specifications to the original materials and compatible to the work.
20. Staff employed by the contractor should be well behaved and any complaint of misbehavior shall be taken very seriously and such staff will have to be removed by the contractor immediately from the site. Skilled staff employed must be able to execute the work without aid of helper.
21. The contractor shall make all safety arrangements required for the labor engaged by him at his cost. In case of any accident during maintenance work / operation equipment leading to injuries / damages to human being / equipment, loss of life the contractor shall be fully responsible for settling all claims and indemnify the department against any claim arising out of such accident.
22. Contractor shall be fully responsible for any damages caused to govt. property or resident's property by him or his labor in carrying out the work and shall be rectified by the contractor at his own cost.
23. Income Tax / GST TDS/other taxes as applicable shall be recovered from the contractor's bill.
24. Chases, holes etc. shall be done using power-operated tools.
 - a. The contractor shall be required to maintain sufficient quantity of spares at site to meet with the requirement of attending the complaints as per direction of Engineer- in-charge or his authorized representative.
25. All the materials shall be got approved from engineer-in-charge before use at site.
26. After completion of work the contractor shall handover all installation back to institute in working order and defect free condition. In case handing over is not made in above manner the defect shall be rectified by the institute at the cost of contractor and necessary recovery shall be affected from his final bill. The above mentioned labors are of minimum requirements. Contractor shall be deputing more if required by accessing the quantum of job.

Note: The services of workmen can be utilized at any building / installation within the campus of IIT Gandhinagar as may be decided by the Engineer in Charge

or his authorized representative.

27. Safety to construction workers and demarcation of site of work –

Contractor will provide all safety measures like safety belts, helmet, gloves etc. as required to each worker employed in the job. Contractor will also provide symbols like "Work under progress" and barricade the area wherever he schedules to execute the work and required as per standard engineering practices. Failing to provide such measures will lead to penalty of **Rs 500/-** per incidence and it shall be recovered from next bill of contractor.

LIST OF ACCEPTABLE MAKES

1. The Contractor shall obtain prior approval from the Engineer-in-Charge before placing order for any specific material or engaging any of the specialized agencies.
2. Wherever applicable, the Engineer-in-Charge may approve any material equivalent to that specified in the tender subject to proof being offered by the Contractor for equivalence to his satisfaction.
3. Unless otherwise specified, the brand / make of the material as specified in the item nomenclature, in the particular specifications and in the list of acceptable makes attached in the tender, shall be used in the work.
4. In case of non-availability of the brand specified in the contract, the Contractor shall be allowed to use alternate equivalent brand of the material subject to submission of documentary evidence of non-availability of the specified brand. The necessary cost adjustments on account of above change shall be made for the material.
5. Sample of all the materials will be used only after approval of the Engineer-in-Charge.

Sr. No.	Items	Brand/make
1.	Cement OPC/ PPC	ACC, Ultra Tech, Birla Chetak, Ambuja and Cement Corporation of India, J.K.,Bangur, Binani.
2.	Steel TMT Bars	SAIL, TISCO, RINL, JSW
3.	Stainless Steel	Jindal Stainless Steel, Salem Steel or 304 grade of any make
4.	Structural steel section	TATA, SAIL, RINL, JSW Steel Ltd., Jindal Steel Power Ltd (JSPL).
5.	Tubular Section	Jindal, TATA, APPOLO, SAIL
6.	Synthetic Enamel Paints	ICI Dulux, Asian, Berger, Nerolac
7.	Epoxy Primer & Paints	ICI Dulux, Asian, Berger, Nerolac, Pidilite or equivalent.
8.	Primer	Asian, ICI, Berger, Nerolac
9.	Oil Bound Distemper	Asian, ICI, Berger, Nerolac
10.	Acrylic Emulsion Paint	Asian, ICI, Berger, Nerolac

11.	Textured Exterior wall	Berger, Unitile, Spectrum, Oikos, Heritage, Snowcem, Asian, ICI, Nerolac
12.	Cement Based Putty	Birla, J.K., Snowcem, Pidilite, Sara, Berger.
13.	Ready mix concrete RMC plant	ACC, L&T as approved by Engineer-in-charge
14.	PPC cement of ACC, Gujarat Ambuja, JK or any other approved brand	
15.	White cement based putty of Birla or JK brand brand	
16.	Acrylic emulsion of interior grade, having VOC content less than 50 grams/ litre of brandRoyal paint of Asian paint	
17.	Water proofing compound - Dr. Fixit /Pidiproof LW	
18.	Acrylic Smooth exterior paint Asian paint or Dulux	
19.	White cement-Birla, JK	

Note: For any item not covered in the above list, the contractor shall get the samples approved from the Engineer-in-charge before the execution of the work

Tentative quantities for items are tabulated below:

Code	Description	Unit	Qty
1.00	Excavating holes more than 0.10 cum & upto 0.5 cum including getting out the excavated soil, then returning the soil as required in layers not exceeding 20cm in depth, including consolidating each deposited layer by ramming, watering etc, disposing of surplus excavated soil, as directed within a lead of 50 m and lift upto 1.5 m. All kinds of soil	Each	72.00
2.00	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge: All kinds of soil	sqm	80.00
3.00	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	sqm	645.00
4.00	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	cum	8.70
5.00	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes	Kg	1485.32
6.00	Providing and Fixing at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete.	kg	4423.90
7.00	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	624.40
8.00	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge. Made of G.I. wire of dia 4 mm	sqm	460.00
9.00	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	Sqm	462.63

10.00	Providing and hiring of crane for lifting, shifting, and placement of materials including operator, fuel, and all necessary arrangements, as per the directions of the Engineer-in-Charge.	Day	1.00
11.00	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources	Cum	3.26
12.00	Supply of JCB including operator, fuel, and all necessary arrangements, as per the directions of the Engineer-in-Charge.	Day	2.00
13.00	Supply of Tractor Trolley including Driver, fuel, and all necessary arrangements, as per the directions of the Engineer-in-Charge.	Per Trip	15.00
14.00	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	2.00

FORM OF PERFORMANCE SECURITY

(GUARANTEE) BANK

GUARANTEE BOND

In consideration of the Director, IIT Gandhinagar (hereinafter called "The Institute") having offered to accept the terms and conditions of the proposed agreement between

_____ and _____ (hereinafter called "the said contractor(s)" for the work _____ (hereinafter called "The said agreement") having agreed to production of an irrevocable Bank Guarantee for Rs. (Rupees _____ only) as security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We _____ (hereinafter referred to as "the Bank) hereby undertake to pay to the Institute an amount not exceeding Rs.

_____ (Rupees _____ only) on demand by the Institute.

2. We _____ (indicate the name of the bank) do hereby undertake to pay the amounts due and payable under this Guarantee without any demure, merely on a demand from the Institute stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. (Rupees _____ only).

3. We, the said bank further undertake to pay to the Institute any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal.

The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the contractor(s) shall have no claim against us for making such payment.

4. We _____ (indicate the name of the Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the

performance of the said agreement and that it shall continue to be enforceable till all the dues of the Institute under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in-Charge on behalf of the Institute certified that the terms and conditions of the said agreement have been fully and properly carried out by the said contractor (s) and accordingly discharge this guarantee.

5. We _____ (indicate name of the bank) further agree with the Institute that the Institute shall have the fullest liberty without our consent and without effecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Institute against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said contractor(s) or for any forbearance, act of omission on the part of the Institute or any indulgence by the Institute to the said contractor(s) 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.
6. This guarantee will not be discharged due to the change in the constitution of the Bank or the contractor(s).
7. We _____ (indicate the name of Bank) lastly undertake not to revoke this guarantee except with the previous consent of the Institute in writing.
8. This guarantee shall be valid up to _____ unless extended on demand by Institute. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. _____ (Rupees _____ only) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

Dated the _____ day of _____ for _____ (indicate the name of Bank)

Schedule of Items			
Name of work: Providing and installation of chain link fencing along the boundary of the Fire Building at IIT Gandhinagar.			
Code	Description	Unit	Rate
1.00	Excavating holes more than 0.10 cum & upto 0.5 cum including getting out the excavated soil, then returning the soil as required in layers not exceeding 20cm in depth, including consolidating each deposited layer by ramming, watering etc, disposing of surplus excavated soil, as directed within a lead of 50 m and lift upto 1.5 m. All kinds of soil	Each	82.45
2.00	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge: All kinds of soil	sqm	129.85
3.00	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	sqm	17.6
4.00	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	cum	7878.5
5.00	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes	Kg	194.4
6.00	Providing and Fixing at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete.	kg	0.00
7.00	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	133.70
8.00	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge. Made of G.I. wire of dia 4 mm	sqm	1017.80

9.00	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	Sqm	170.70
10.00	Providing and hiring of crane for lifting, shifting, and placement of materials including operator, fuel, and all necessary arrangements, as per the directions of the Engineer-in-Charge.	Day	11328.00
11.00	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources	Cum	8340.85
12.00	Supply of JCB including operator, fuel, and all necessary arrangements, as per the directions of the Engineer-in-Charge.	Day	10652.00
13.00	Supply of Tractor Trolley including Driver, fuel, and all necessary arrangements, as per the directions of the Engineer-in-Charge.	Per Trip	500.00
14.00	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	9105.95