

INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

Guwahati - 781 039, Assam

Phone: (0361) 2582061, 2692771 Fax : (0361) 2692771, 2690762

**TENDER DOCUMENT**

IITG/IPM/NIT/FY22-23/10 Dated 11.07.2022

NAME OF WORK

Construction of M.S Spiral Staircase from outside of hostel premises to access Canteen and Juice Centre at Dhansiri Hostel in IITG campus



INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI
Guwahati - 781 039, Assam
Phone : (0361) 2582061, 2692771 Fax : (0361) 2692771 , 2690762

NOTICE INVITING TENDER

Tender No- IITG/IPM/NIT/FY22-23/10 Dated 11.07.2022

Sealed tenders are invited from experienced & competent contractors for following works at IITG campus:

Name of works	Construction of M.S Spiral Staircase from outside of hostel premises to access Canteen and Juice centre at Dhansiri Hostel in IITG campus
Estimated Cost	₹ 4,51,413.00.00
Earnest Money	₹ 9,000.00 (Rupees Nine thousand) only
Date of availability of tender for download in IITG website www.iitg.ac.in	From 20.07.2022. to 29.07.2022.
Last Date & time of submission of tender	29.07.2022 up to 2.30 PM
Time of Completion	2(two) months from the date of handing over of the site.
Cost of Tender Paper	₹1000.00 (Rupees One Thousand) only
Tender Opening Date & Time	29.07.2022 at 3:30 PM

Qualifying criteria for participation in the Tender:

- (1) The contractor/ firm should have valid Registration in CPWD, BSNL, APWD, Railways, MES, Central PSUs & other Govt. / Semi Govt. Dept. / Govt. Autonomous Body.
- (2) Minimum Annual Turnover from Construction works during last 3 consecutive years should not be less than **4.52 lakh** during the immediate last three consecutive years.
- (3) Experience in Work : Shall have experience in execution of similar nature of civil work consisting Fabrication works completed satisfactorily during the last seven years as follows:
 One work of value not less than **₹ 3.61 lakh** against a single work order OR two works of each value not less than **₹ 2.70 lakh** each against two separate work order OR three works of each value not less than **₹ 1.80 lakh** each against three separate work orders in Govt./ Semi Govt. department / Autonomous body during last seven years.
 (Work order with BOQ and completion certificate must be submitted along with the tender)
- (4) Time of Completion : 2 (two) months

Note: Financial turn over and values of completed works of previous years shall be given weightage of 7% per year and part thereof to bring them to the present price level.

Tender papers shall be downloaded from the website www.iitg.ac.in from 20.07.2022 to 29.07.2022. & to be submitted at IPM office on or before 29.07.2022 upto 2.30 P.M.

1. The intending bidder must read the terms and conditions carefully. He should submit his bid only if he considers himself eligible and he is in possession of all the documents required.
2. Tender cost and earnest money shall be deposited along with the tender in the form of Demand draft/ Banker's cheque in favour of 'IIT Guwahati' payable at 'Guwahati'.
3. Information and Instructions for bidders posted on website shall form part of bid document.
4. IIT Guwahati reserves the right to not consider tender papers of any contractor engaged in one or more ongoing works in the IITG Campus, if in the opinion of the Institute, the progress of the ongoing works of the contractor has not been found satisfactory and they will not be able to handle a new work till the completion of their ongoing work(s). IITG also reserves the right to accept or reject any or all of the tenders without assigning any reason thereof.
5. The rates include cost of all operations and all inputs of labour, material, T&P, scaffolding, wastages, watch and ward, other inputs, all incidental charges, all taxes, cess, duties, levies, (Including GST) etc. required for execution of the work.
6. The downloading & submission of tender paper to by a contractor does not automatically mean the tenderer is considered qualified for the price part of the bid.
7. The acceptance of tender will rest with the authority of IIT Guwahati who does not bind itself to accept the lowest tender and reserves itself the right to reject any or all the tenders received without assigning any reason thereof. The work may be allotted in part or whole at the discretion of competent authority of the Institute.
8. For all clarifications regarding site conditions, items of works or any other related matters to the tender, HoS, Maintenance (IPM Section) may be contacted during office hours on all working days or through email hos_maint@iitg.ac.in
9. In case, the day of opening of the tender happens to be a holiday on account of Govt. notification and tender cannot be opened; the tender shall be opened on the next working day at the same time.
10. Only the authorized person(s) to attend tender opening. All the bidders shall send their representative(s) to attend tender opening with proper authorization during opening of the tenders.
11. **The BOQ part of the tender shall be submitted in a separate sealed envelope along with the tender.**
12. In case of two bid system, Part-A tenders shall be opened on the date and time as mentioned above. But price bids of only of those tenders techno commercial bids (Part-A) are found acceptable shall be opened on a later date. Prior notification shall be given to the all tenderer who qualify for opening of the PRICE BIDS to enable them to attend the opening of the Price bids, Part-B of tender of those tenderers who do not qualify for opening of the Part-B shall be returned.

Thanking You,

Yours faithfully,

HoS (Engineering) IPM Section

INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

Submission of Tender

From :.....

To
**The Dean(IPM),
 Indian Institute of Technology Guwahati
 GUWAHATI – 781 039**

1. I/We hereby tender for execution of the work **“Construction of M.S Spiral Staircase from outside of hostel premises to access Canteen and Juice centre at Dhansiri Hostel in IITG campus”** as per tender document within the time schedule mentioned therein and accepted by me/us, at the rates quoted by me/us for the whole work in accordance with terms and conditions, specifications, drawings, as detailed in the tender document. It has been explained to me/ us that the time stipulated for job and completion of works in all respects and in different stages mentioned in the “Time schedule” of completion of work and signed and accepted by me/us is the essence of the Contract.
2. It has been explained to me/ us that the time stipulated for job and completion of works in all respects and in different stages mentioned in the “Time schedule” of completion of work and signed and accepted by me/us is the essence of the Contract. I/We agree that in the case of failure on my/ our part to strictly observe the time of completion mentioned for work or any of them and to the final completion of works in all respects according to the schedule set out in the tender, I/We shall pay compensation to the Owners as per provision and stipulations contained in the relevant clause of Contract and I/We agree to the recovery being made as specified therein. In exceptional circumstances extension of time which shall always be in writing may, however, be granted by the Engineer-in-Charge at his entire discretion for some items of work, and I/We agree that such extension of time will not be counted for the extension of completion dates stipulated for work and for the final completion of works as stipulated in the said “Time Schedule” of Completion of work.
3. I/We agree and accept the terms and conditions laid down in the memorandum below in this respect.

MEMORANDUM

- | | |
|---------------------------------------|--|
| (a) General description of work | “Construction of M.S Spiral Staircase from outside of hostel premises to access Canteen and Juice centre at Dhansiri Hostel in IITG campus” |
| (b) Earnest Money | Earnest money of ₹ 9,000.00 shall be deposited along with the tender in the form of Demand Draft or Banker’s Cheque only in favour of “IIT Guwahati” payable at ‘Guwahati’ |
| (c) Performance guarantee | 3% (Three percent) of the tendered amount. |
| (d) Time allowed for starting of work | Two (02) months from the date of issue of letter of intent / acceptance of the tender. |

1. Should this tender be accepted I /We hereby agree to abide by and fulfill all terms and conditions referred to above and in default thereof, to forfeit and pay to the Owner or its successors or its authorized nominees such sums of money as are stipulated in conditions contained in Notice Inviting Tender and other tender documents.
2. 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 IIT Guwahati 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 Performance Guarantee.
3. If I/We fail to commence the work specified in the memorandum herein above, or I/We fail to deposit the amount of Performance guarantee specified in the Memorandum, I/We agree that the said Owner and its successors without prejudice to any other right or remedy be at liberty to cancel the notice of acceptance of tender if I/We fail to deposit the Performance guarantee as aforesaid or to execute an agreement or to start work as stipulated in the tender documents.
4. I/we hereby certify that all the statement made and information supplied are true and correct.
5. I/we have furnished all information and details necessary for eligibility and have no further pertinent information to supply.
6. I/we submit the following certificates in support of our suitability, technical knowledge and capability for having successfully completed the following eligible similar works:

Sl. No.	Name of work	Certificate from
1		
2		
3		

CERTIFICATE:

It is certified that the information given in the tender are correct. It is also certified that I/we shall be liable to be debarred, disqualified in case any information furnished by me/us found to be incorrect.

Date.....day of.....2022

Witness:

Name in Block Letters:

Address:

Signature of Tenderer(s), with the seal of Firm

**PROFORMA FOR ACKNOWLEDGEMENT LETTER OF BIDDING DOCUMENT
(TO BE SUBMITTED IN BIDDER'S OWN LETTER HEAD)**

Ref no.

Date:

To
The HoS, Engineering, IPM Section
IIT Guwahati
Guwahati-781039, Assam

Sub: Construction of M.S Spiral Staircase from outside of hostel premises to access Canteen and Juice centre at Dhansiri Hostel in IITG campus.

Ref: IITG/IPM/NIT/FY22-23/10 Dated 11.07.2022

Dear Sir,

We hereby acknowledge receipt of a complete set of bidding document along with all enclosures for the subject work for preparation and submission of the Bid.

We undertake that the contents of the above Bidding document shall be kept confidential, further that specifications and documents shall not be transferred, and that the said documents are to be used only for the purpose for which they are intended.

We intend to bid as requested for the subject works and furnish following details with respect to our quoting office:

- (i) POSTAL ADDRESS :
- (ii) TELEPHONE NUMBER :
- (iii) MOBILE NO. :
- (iv) TELEFAX NUMBER :
- (v) CONTACT PERSON :
- (vi) DESIGNATION :
- (vii) EMAIL ADDRESS :
- (viii) REGISTERED OFFICE :

BIDDER'S NAME:

SIGNATURE:

NAME:

DESIGNATION:

DATE :

**INDIAN INSTITUTE OF TECHNOLOGY
GUWAHATI, ASSAM**

Special Terms & Conditions



NAME OF THE WORK

Construction of M.S Spiral Staircase from outside of hostel premises to access Canteen and Juice Centre at Dhansiri Hostel in IITG campus

Special Terms & Conditions

The present scope of work under this contract shall include "Construction of M.S Spiral Staircase from outside of hostel premises to access Canteen and Juice centre at Dhansiri hostel in IITG Campus".

1. The scope of this contract shall include **dismantling of wall, half brick, paver block. Concreting, M.S. Spiral Staircase, protecting plaster, finishing the floor with rectified tiles and Painting works etc.** The Contractor shall provide all necessary materials, equipment, labour etc. for the execution and maintenance of the work till completion unless otherwise mentioned in this tender document. All materials required for the work shall be as per technical specifications and approved by Engineer-in-Charge prior to procurement and use.
2. Rates shall be quoted in the Bill of Quantity (BOQ) furnished in figures and in words. If there is any variation between the rates quoted in figures and rates quoted in words, the rates quoted in words shall be considered.
3. The rates shall be firm up to the completion of work. No price escalation will be paid on any account.
4. The work shall be completed within **2 (two) months** from the date of handing over of the site.
5. The rate shall be inclusive of all taxes **including GST (@ 18%)**, Royalty, loading, unloading and transportation etc. of all the materials to work site at IITG campus, Guwahati-39. All taxes as applicable to the work as per state/central government shall be deducted from the bills.
6. All the pages of the tender document shall be signed and dated at the lower right hand corner by the tenderer. If the tender is signed by a person holding power of attorney, power of attorney authorizing him to sign on behalf of the tenderer should be submitted along with the tender.
7. The documents submitted along with the application for tender in respect of Experience, registration will be verified by the Institute with respect to that stated in the NIT for qualifying for the tender. If after verification any such data/ information are not found true or has attempted to conceal any unfavorable data/ information, his/her tender shall be summarily rejected.
8. The owner reserves the right to take inputs regarding performance of a bidder on any similar work (on-going or completed) from a client whether disclosed in the tender or not. If any such report from the client is found to be unsatisfactory, the tender is liable to be rejected.
9. Any tender submitted without the qualifying documents mentioned in the relevant clause of NIT, it shall be considered as incomplete tender and the tender will be rejected for which no communication will be made.
10. In case the work involves electrical works, the contractor must have electrical contract license and if the contractor does not have such license they should submit and undertaking to engage a party which fulfills the qualifying criteria. In such cases, Electrical License with his acceptance to take up the work shall be submitted.
11. The contractor shall arrange all the plants, equipment, machineries etc. required for the works for which no extra charges will be paid.
12. The contractor will arrange for water and electricity at his own. However, the Institute may provide electricity on the request of the contractor on payment basis under the terms and conditions fixed by the institute.
13. Care shall be taken by the contractor to avoid damage to any part of the building or its finishing. He/they shall be responsible for repairing all damages and resorting the same to their original finish at his own cost. He / they shall also remove at his own cost all unwanted wastage and materials arising out of his work from the site.
14. Any abnormal rate quoted in the tender will summarily be rejected for which no communication will be made.

15. **Payment of Bills:** The successful bidder if desire may submit their Running Account Bill as per progress of work and actual execution. Site Engineer will prepare RA Bill for release of payment subject to his satisfaction in progress of work.

After successful completion of work, as per specification and requirement, the contractor must submit their Final Bill including detail measurement along with Forest Department or other department clearance if necessary within one month from the date of completion of work. On submission, the site engineer will prepare the bill subject to his satisfaction and put up for payment within fifteen days.

16. **Performance Guarantee: Performance Bank Guarantee (PBG):**

- i) The successful bidder shall submit an irrevocable Performance Guarantee of 3% (Three percent) of the tendered amount in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement, (not withstanding and/or without prejudice to any other provisions in the contract) within 15 days from the date of issue of letter of acceptance. This period can be further extended by the Engineer-in- Charge on written request of the contractor stating the reason for delays in procuring the Performance Guarantee, to the satisfaction of the Engineer-in-Charge. This guarantee shall be in the form of Banker's Cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay Order of any scheduled bank or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the form annexed hereto. In case a fixed deposit receipt of any Bank is furnished by the contractor to IITG as part of the performance guarantee and the Bank is unable to make payment against the said fixed deposit receipt, the loss caused thereby shall fall on the contractor and the contractor shall forthwith on demand furnish additional security to IITG to make good the deficit.
- ii) The Performance Guarantee shall be valid up to the stipulated date of completion plus minimum 12 months beyond that. To cover the defect liability period of 12 months of the work, the Performance Guarantee shall be retained as Security Deposit. The same shall be returned after expiry of the defect liability period without any interest.
- iii) The Engineer-in-Charge shall not make any claim under the performance guarantee except for amounts to which IITG is entitled under the contract (not withstanding and/or without prejudice to any other provisions in the contract agreement) in the event of:
 - a) Failure by the contractor to extend the validity of the Performance Guarantee as described herein above, in which event the Engineer-in-Charge may claim the full amount of the Performance Guarantee.
 - b) Failure by the contractor to pay IITG any amount due, either as agreed by the contractor or determined under any of the Clauses/Conditions of the agreement, within 30 days of the service of notice to this effect by Engineer-in-Charge.
- iv) In the event of the contract being determined or rescinded under provision of any of the Clause/Condition of the agreement, the performance guarantee shall stand forfeited in full and shall be absolutely at the disposal of IITG.

Clause no.17 (i) to (iv) shall supersede clause no. 19.1 & 19.2 of the General Conditions of Contract. The term Initial Security Deposit/Security deposit used elsewhere in the tender document shall be read as Performance Guarantee.

18. All legal disputes will be subjected to jurisdiction of Gauhati High Court only.

19. All Specification of the work will be followed as per CPWD manuals or manufacturer specification.

20. If the lowest bid is below 10% of the estimate, additional initial security deposit of value by which the quote is below 10% of the estimate will have to be submitted by the bidder along with Performance Guarantee within 15 days from the date of issue of Letter of Intent offering the work.

The additional security deposit shall be refunded immediately after completion of the work. In case the lowest bidder is not able to complete the work, the security deposit and the additional security deposit will be forfeited and the contractor will be debarred for 2 years from participating in the tenders floated by the Institute after issuing a show case notice.

21. The initial and additional security deposit will be in the form as specified in the tender. In case the lowest bidder fails to submit the initial security deposit and the additional security deposit within the stipulated time, the offer will be cancelled and their EMD will be forfeited. In such case, the work will then be offered to the next lowest bidder (L2) at L2's rate and so on.
22. Lowest quotes above 10% of the estimated cost will not be accepted in any case and fresh tender will be invited.
23. All other terms & conditions shall be as per provision of General Conditions of Contract followed by the institute.

HoS (Engineering) IPM Section

Date:

To,

The HoS, Engineering, IPM Section,
Indian Institute of Technology Guwahati
Guwahati – 39

Sub: Submission of tender for the “**Construction of M.S Spiral Staircase from outside of hostel premises to access Canteen and Juice centre at Dhansiri hostel in IITG Campus**”.

Sir,

I/we do hereby submit our tender for “**Construction of M.S Spiral Staircase from outside of hostel premises to access Canteen and Juice centre at Dhansiri hostel in IITG Campus**”, as per Notice Inviting Tender No IITG/IPM/NIT/22-23/10, Dated 11.07.2022. The rates quoted by me / us are for the whole work in accordance with Notice Inviting Tender and Terms & Conditions.

Name of Firm/ Contractor:

Address for correspondence:

Signature of Contractor with seal:

Date:

Contact Phone No –

email id:

Enclosure :

- 1.
- 2.
- 3.
- 4.
- 5.

Seal & Signature of Contractor

FORM "A"**FINANCIAL INFORMATION**

Financial Analysis – Details to be furnished duly supported by figures in balance sheet/ profit & 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 attached).

Years

Year	2019-20	2020-21	2021-22
Gross Annual turnover on construction works Rs in lakhs			
Profit / Loss.			

* The bidder should give information strictly in above format.

- I Financial arrangements for carrying out the proposed work.
- II. Solvency Certificate from Bankers of the bidder in the prescribed Form "B".

Signature of Chartered Accountant with Seal

Signature of Bidder(s).

FORM "B"**FORM OF BANKERS' CERTIFICATE FROM A SCHEDULED
BANK**

This is to certify that to the best of our knowledge and information that M/s./Sh
 having marginally noted address,
 a customer
 of our bank are/is respectable and can be treated as good for any engagement
 upto a limit of
 Rs.....(Rupees.....
). This certificate is issued
 without any guarantee or responsibility on the bank or any of the officers.

(Signature) For the Bank

NOTE

- (1) Bankers certificates should be on letter head of the Bank, addressed to tendering authority.
- (2) In case of partnership firm, certificate should include names of all partners as recorded with the Bank.
- (3) Solvency certificate should not be more than 6 months old.

FORM 'C'
DETAILS OF ELIGIBLE SIMILAR NATURE OF WORKS COMPLETED
DURING THE
LAST SEVEN YEARS ENDING PREVIOUS DAY OF LAST DATE OF
SUBMISSION OF TENDERS

S. No	Name of work/project and location	Owner of sponsoring organization	Cost of work	Date of commencement as per contract	Stipulated date of completion	Actual date of completion	Litigation/arbitration cases pending /in progress with	Name and address /telephone number of officer	Whether the work was done on back to back basis
1	2	3	4	5	6	7	8	9	10

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

Signature of Bidder(s)

FORM 'D'

PERFORMANCE REPORT OF WORKS REFERRED TO IN FORMS "C"

7. Name of work/project & location

2. Agreement no.

3. Estimated cost

4. (i) Tendered cost

(ii) Value of work done

5. Date of start

8. Date of completion

9. Stipulated date of completion

(ii) Actual date of completion

7. (a) Whether case of levy of compensation for delay has been decided or not Yes/No

(b) If decided, amount of compensation levied for delayed completion, if any

10. Performance Report

(1) Quality of work Outstanding/Very

Good/Good/Poor (2) Financial soundness

Outstanding/Very Good/Good/Poor (3) Technical Proficiency

Outstanding/Very Good/Good/Poor (4) Resourcefulness

Outstanding/Very Good/Good/Poor (5) General Behaviour

Outstanding/Very Good/Good/Poor

Dated:

Executive Engineer or Equivalent

Note: If Name of Work is not clearly defining scope of work as specified in the definition of similar work, bidders are advised to upload copy of Agreement/ final bill or any other relevant document in support of their proposed completed work conforming to the definition of similar work.

FORM "E"
STRUCTURE & ORGANISATION

11. Name & address of the bidder

2. Telephone no./Telex no./Fax no.
3. Legal status of the bidder (attach copies of original document defining the legal status)

12. An Individual

- (b) A proprietary firm
 - I A firm in partnership
 - (d) A limited company or Corporation
4. Particulars of registration with various Government Bodies (attach attested photocopy)

Organization/Place of registration
Registration No.

- 1.
- 2.
- 3.
5. Names and titles of Directors & Officers with designation to be concerned with this work.

13. Designation of individuals authorized to act for the organization

14. Has the bidder, or any constituent partner in case of partnership
firm Limited Company/Joint Venture, ever been convicted by the court of law? If so, give details.

15. In which field of Civil Engineering construction the bidder has specialization and interest?

16. Any other information considered necessary but not included above.

Signature of Bidder(s)

FORM "F"

Compliance to requirement of tender documents:

We confirm that our tender complies with the total techno-commercial requirements of bidding document without any deviation.

Signature of Company/ Contractor

FORM "G"**TENDER VALIDITY**

Tender shall remain valid for acceptance for a period of 120 (One hundred twenty) days from the date of opening of the tender. The tenderer shall not be entitled during the said period to revoke or cancel his tender or to vary the tender given or any term thereof. In case of tenderer revoking or cancelling his tender or varying any term in regard thereof, the OWNER shall reject the tender. Tender shall be revalidated for extended period as required by Owner in writing.

Signature of Company/ Contractor

EVALUATION PROCEDURE FOR TECHNICAL BID TO QUALIFY FOR OPENING OF PRICE BID

TENDER TECHNICAL QUALIFICATION CRITERIA

Sl. No.	Qualifying Criteria	DOCUMENTS REQUIRED FROM THE BIDDER
1	Total tender document including addenda, corrigendum etc.	Complete set of the tender document downloaded duly filled in and signed by the tenderer as prescribed in different clauses of the tender document with all addenda/corrigenda issued duly signed.
2	Certificate of registration with Govt. / Semi Govt. Dept. / Autonomous Body.	The contractor/ firm should have valid Registration in CPWD, BSNL, APWD, Railways, MES, Central PSUs & other Govt. / Semi Govt. Dept. / Govt. Autonomous Body. Valid registration certificate
3	Cost of tender paper of Rs. 1,000.00	Shall be deposited along with the tender in the form of Demand draft/ Banker's cheque in favour of 'IIT Guwahati' payable at 'Guwahati'
4	Work experience	Satisfactory completion certificates supported by respective Work order / detailed BOQ/ final bill etc. for works executed in Govt./ Semi Govt. Department/ Govt. Autonomous Body.
	(i) Shall have experience in execution of similar nature of civil works consisting of water proofing treatment works completed satisfactorily during the last seven years as follows	
	(ii) One work of value not less than ₹ 3.61 lakh against a single work order OR two works of each value not less than ₹ 2.70 lakh each against two separate work order OR three works of each value not less than ₹ 1.80 lakh each against three separate work orders in Govt./ Semi Govt. department / Autonomous body.	
5	Minimum Annual Turn Over during last 3 consecutive years shall not be less than 4.52 lakh.	Certificate of Financial Turnover for the last three years from Chartered Accountant or Audited Balance sheet for the last years
6	Earnest Money of `Rs.9,000.00	Shall be deposited along with the tender in the form of Demand Draft or Banker's Cheque only in favour of "IIT Guwahati" payable at 'Guwahati'
7	GST Registration Certificate of the State in which the work is to be taken up, if already obtained by the bidder. If the bidder has not obtained GST registration in the State in which the work is to be taken up, Or as required by GST authorities then in such a case bidder shall furnish undertaking as given in Form-'G'	GST registration certificate should be submitted.
8	PAN no. of the Company/ Authorized Dealer.	Copy of PAN Card

BILL OF QUANTITIES

BOQ						
Name of Works : Construction of M.S. Spiral staircase from outside of hostel premises to access Canteen and Juice Centre at Dhansiri Hostel in IITG Campus.						
Sl. No	Description of Item	Unit	Qty	Rate (In figure)	Rate (in words)	Amount (Rs)
1	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.All kinds of soil	Sqm	27.00			
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil.	Cum	1.30			
3	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete	Cum	5.40			
4	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in Cement mortar 1:3 (1 cement : 3 coarse sand)	Sqm	12.00			
5	Dry brick on edge flooring in required pattern with bricks of class designation 7.5 on a bed of 12 mm mud mortar, including filling joints with Jamuna sand, with common burnt clay non modular bricks	Sqm	36.00			
6	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) : 3 graded stone aggregate 20 mm nominal size)	Cum	1.93			

7	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.60mm thick cement concrete paver block of M-35 grade with approved colour, design & pattern	Sqm	27.00			
8	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba/ rubbish to the nearest municipal dumping ground, all complete as per direction of Engineer-in-Charge.For door/ window/ clerestory window	Sqm	9.00			
9	15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix.1:3 (1 cement: 3 fine sand)	Sqm	9.60			
10	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including pointing the joints with white cement and matching pigments etc., complete	Sqm	35.04			

11	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete	Kg	1300.00			
12	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. M.S. tube	Kg	700.00			
13	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work	Sqm	60.00			
14	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	Sqm	35.00			
15	15 mm cement plaster on rough side of single or half brick wall of mix:1:4 (1 cement: 4 coarse sand)	Sqm	35.00			
16	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	Sqm	35.00			

17	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	Sqm	118.00			
Total=						
Rebate if any in.....%=						
Total after rebate=						

(Rupees Only)

Seal

(Signature of the tenderer)

