

TENDER

FOR

**Rehabilitation of boundary wall, Re-plastering
and other repairs in Hostel building,
IITTM Noida (UP).**



INDIAN INSTITUTE OF TOURISM AND TRAVEL MANAGEMNT
(An Autonomous Body under Ministry of Tourism, Government of India)

Website: <http://www.iittm.ac.in>

INDIAN INSTITUTE OF TOURISM AND TRAVEL MANAGEMENT
(An Autonomous Body under Ministry of Tourism, Government of India),
Govindpuri, Gwalior (MP)

Ref: 4-Inst.(03)/2020

Date: 24.12.2021

M/s. -----

Sub: Rehabilitation of boundary wall, Replastering and other repairs in Hostel building at IITTM Noida (UP) .

Sir,

Tender documents in respect of the above mentioned works containing 32 pages as detailed on page 4 (Index) are attached herewith. *Please note that tender in two envelop system to be delivered in the Reception of IITTM, Govindpuri, Gwalior-474 011 (MP) on or up to 06.01.2022 up to 3.00 P.M.*

The Tender should be signed on each page, dated and witnessed in all places provided for in the documents; all other papers should be initialled.

The tender should be accompanied by Earnest Money Deposit in the form of demand draft as mentioned in Appendix. Tenders without earnest money deposit shall be summarily rejected.

The tenders will be opened **at 4.00 P.M. on 06.01.2022**

The person, signing the tender on behalf of company/firm or on behalf of another person shall attach with tender a certified copy of proper authority/power of attorney on a non-judicial stamp paper of requisite value duly executed in his favour by such person, company/firm and must state specifically that he has authority to sign such tenders for and on behalf of such person or company/firm as the case may be, and in all matters pertaining to the Contract including arbitration clause.

This letter shall form part of the “**CONTRACT**” and must be signed and returned along with the tender documents.

Encl. 32 Pages

DIRECTOR, IITTM

Signature of the Contractor with stamp

TENDER NOTICE

Rehabilitation of boundary wall, Replastering and other repairs in Hostel building, IITTM Noida

TENDER NOTICE NO: (1) 4-Inst. (03)/2020

Date: 12.10.2021

Sealed item rate tenders for the following work are hereby invited on behalf of IITTM from experienced eligible Contractors

S. No	Name of the work	EMD (Rs.)	Time for completion of work	Issue of Tender Document	Last Date of Submission Tender
1	Rehabilitation of boundary wall, Re-plaster and other repairs work in hostel building at IITTM Noida.	Rs 2,88,000/-	180 days	From 24.12.2021 To 06.01.2022	06.01.2022 Up to 3.00 PM

- Blank tender documents (non-transferable) for above work shall be downloaded from the website www.iittm.ac.in from 24.12.2021 to 06.01.2022 on payment of required tender fee of Rs.5000/- (Rupees Five Thousand only) (non refundable) by DD in favour of IITTM payable at Gwalior, is to be enclosed along with the technical bid towards the cost of tender documents.
- Those who are registered as contractor with state govt/ union govt/ MES / Railways in appropriate class and have completed minimum three works of similar nature ie (construction of building works for institutional/commercial complex) of minimum value of Rs 60 Lakhs each or one single work of value of Rs. 100 lakhs in their name, during last three years are eligible to submit the bids. Self attested Photocopies of the completion certificates/award letters should be submitted along with the tender. The certificate shall be signed by an officer in the rank of Executive Engineer or equivalent.
- Work of similar nature means Civil Works including RCC frame structure, roofing of the buildings, works, RCC/ CC/ Brickwork, plastering, painting, water supply and sanitary works etc.”
- While submitting the tender document, the intending tenderers shall furnish, experience certificates, list of works completed/awarded, copies of Aadhar card, PAN card, and GST registration No. and EPFO registration.
- The tender issuing authority reserves the right to issue or refuses to issue the tender document to any party without assigning any reason thereof and tenderer shall meet all requisite terms and conditions in participating tenders.
- Tenders not accompanied by Earnest Money Deposit and tender cost in the prescribed form shall be summarily rejected.
- Director, IITTM reserves the right to reject all or any tender wholly or partly without assigning any reason whatsoever.

DIRECTOR, IITTM

**Rehabilitation of boundary wall, Re- plastering and other repairs in hostel building
at IITTM Noida**

TENDER NOTICE NO:

Date.24.12.2021

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INSTRUCTIONS TO TENDERERS

1.0 GENERAL

Tenderers are advised to acquaint themselves fully with the description of work, scope of services, time schedule and terms and conditions including all the provisions of the Tender Document before framing up their tender.

2.0 SITE PARTICULARS

Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to site conditions, means of access to the site.

3.0 SUBMISSION OF TENDER

The expression "Tender Notice" referred to in the Tender Documents shall be deemed to include any Notice / Letter Inviting Tender with respect to the work forming the subject matter of the documents and vice-versa.

The tender complete in all respects shall be submitted along with Earnest Money as stipulated in the Notice / Letter Inviting Tender ONLY. Tenders without Earnest Money Deposit will be out rightly rejected.

Tenders shall be submitted in Two sealed envelopes Super scribing as following: -

I) Technical Bid

Name of work : Rehabilitation of boundary wall, Re-plastering and other repairs in hostel building at IITTM Noida

Tender no. : IITTM/CONST. (1) 04-Inst./03/2020

Due date & time of opening : **06.01.2022 at 04.00 pm**

Addressed to : Director, IITTM, Govindpuri, Gwalior-474 011 (MP)

From: Name & address of the tenderer:

This envelope shall contain the following: -

1. EMD in the form Of Demand Draft drawn on a scheduled/nationalized bank in favour of Director, IITTM payable at Gwalior be accepted. Proof regarding payment of tender form cost paid to IITTM.
2. Copy of incorporation certificate issued by Registrar of companies (in case of Public limited or Private limited as the case may be)/ Partnership deed in case of partnership firm. Copies of valid registration in Central PWD/ MES/ Railway/ State govt. Departments in appropriate class. Copy of Aadhar card of authorized person, PAN card of firm /company, registration with GST council, and EPFO .

3. Certificate in support of successful completion of minimum three works of similar nature costing at least Rs.60,00,000/- each or one work of similar nature costing Rs 100 lakhs in last three years, duly signed by an officer not below the rank of Executive Engineer, will only be eligible. Copies of supporting work orders and completion certificate / TDS in case of certificate issued by clients, during last THREE years, on the basis of which bidder wishes to be qualified .
4. Power of Attorney in favour of person who has signed the tender documents. In case of company, the authority to sign the tender is to be with Board resolution.
5. List of work in hand, mentioning Name of agency, place , agreement cost , date of work order, and date of start, present physical progress.

II) PRICE BID

This envelope containing shall contain the tender document with **PRICES and amount duly filled by the party against each item prescribed in the Schedule of quantity of tender document** and no conditions (i.e. deviations / assumptions / stipulations / clarifications / comments / any other request) whatsoever and the conditional offers will be rejected. The rates quoted shall be inclusive of all taxes, GST, royalties, octroi, transport etc. No extra payment will be paid.

4.0 ABNORMAL RATES

If it is noticed that the unit rates quoted by the Tenderer for any items are unusually high or unusually low, it will be sufficient cause for rejection of the tender unless the IITTM is convinced about the reasonableness of the unit rates on scrutiny of the analysis for such unit rate to be furnished by the tenderer on demand.

5.0 DEVIATIONS TO TENDER CLAUSES:

Tenderers are advised to submit the tenders strictly based on the terms and conditions and specification contained in the Tender Documents and not to stipulate any deviations. Conditional tenders are liable to be rejected.

6.0 VALIDITY OF OFFER

Tender submitted by tenderers shall remain valid for acceptance for a minimum period of 120 days from the date of opening of the tenders.

7.0 AWARD OF WORK

Director, IITTM reserves the right to split the job into two or more parts and to award the work to separate agencies/contractors. Work shall be awarded to the lowest bidder, subject to the work experience and fulfilment of other terms & conditions and specifications.

8.0 ACCEPTANCE / REJECTION OF TENDER

- i) IITTM does not bind itself to accept the lowest tender.
- ii) IITTM also reserves the right to accept or reject any tender in part or full without assigning any reason whatsoever.
- iii) IITTM also reserves the absolute right to reject any or all the tenders at any time solely based on the past unsatisfactory performance by the bidder(s) the opinion/decision of IITTM regarding the same shall be final and conclusive.

9.0 CORRECTIONS

No corrections or overwriting will be entertained in schedule of rates by using correcting fluid. All correction in the schedule of rate should be countersigned by tender/ authorised representative.

10.0 FIRM RATES

The rates quoted by bidder shall remain firm till completion of all works even during the extended period, if any, on any account what so ever. It is provided that the contractor shall not change any of the rates, quoted in the tender till the completion of work.

DIRECTOR, IITTM

GENERAL CONDITIONS OF CONTRACT

1. Where the context so requires, words importing the singular only also include the plural and vice versa.
2. IITTM shall mean 'Indian Institute of Tourism and Travel Management. (An autonomous body under Ministry of Tourism, Govt. of India) 'IITTM, Govindpuri, Gwalior-474 011 (MP) and shall include their legal representatives, successors and permitted assigns.
3. The Contractor is required to approach IITTM for execution of agreement for the said work as per the prescribed proforma to be provided by IITTM on a non-judicial stamp paper of Rs.500/- within 10 days from the issue of the letter of award.

4. Contract Documents:

The Contractor shall be provided, free of charge, one certified true copy of the Contract Documents and of all further drawings, which may be issued during the progress of the Works. He shall keep these Documents on the Site in good order.

5. Works to be carried out:

The work to be carried out under the Contract shall, except as otherwise provided in these conditions, include all labour, materials, taxes tools, plant, equipment and transport which may be required in preparation of and for and in the full and entire execution and completion of the Works.

6. Inspection of Site:

The Contractor shall inspect and examine the Site and its surrounding and shall satisfy himself before submitting his tender as to the nature of the Site, the quantities and nature of works and material necessary for the completion of the Works and the means of access to the Site, the accommodation he may require and in general shall himself obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect this tender.

7. Sufficiency of Tender:

The Contractor shall be deemed to have satisfied himself before tendering as to the Correctness and sufficiency of his tender for the works and of the rates and prices quoted in the Schedule of Quantities, which rates and prices shall except as otherwise provided, cover all his obligations under the contract and all matters and things necessary for the proper completion and maintenance of the Works.

8. Any error in description, quantity or rate in Schedule of Quantities or any omission there from shall not vitiate the Contract or release the Contractor from the execution of the whole or any part of the Works comprised therein according to drawings and specifications or from any of his obligations under the Contract.

In the event of an error occurring in the amount column of Schedule of Quantities as a result of wrong extension of the unit rate and quantity the unit rate shall be regarded as firm and extension shall be amended on the basis of the rate.

All errors in totalling in the amount column and in carrying forward totals shall be corrected.

9. Security Deposit:

Total security deposit shall be 10% of the accepted tender cost and shall be deposited/deducted by/from the contractor as following: -

a). Initial Security Deposit:

Contractor will deposit initially five percent (5 %) of the accepted tender cost as performance security deposit within ten (10) days of receipt of the letter of intent/notification of acceptance of the tender by him. The earnest money already deposited shall be converted into performance security deposit and shall become part of the above 5% Initial Security Deposit. Performance security may be deposited through FDR issued by Nationalized bank duly pledged in the name of the Director IITTM Gwalior.

b). Balance Security Deposit

Balance five per cent (5%) will be recovered through deductions @ 6% from the running account bill till total security Deposit amount equal to 10% of contract value, is collected, after which no further deduction from Bills will be made on this account.

- 9.1 All compensation or other sums of money payable by the contractor under the terms of this Contract or any other Contract or any other account whatsoever may be deducted from the security deposit.
- 9.2 Refund *of Security deposit*: Security deposit refundable to the Contractor worked out on the basis of the value of work completed shall be refunded to the Contractor on the Engineer-In-Charge certifying in writing that the work has been completed satisfactorily after defect liability period of 12 months reckoning from the actual date of start.
- 9.3 No interest shall be payable to the contractor on the Security Deposit furnished/recovered from the contractor, by IITTM.
- 9.4 Contractor will produce receipts of Royalty paid by him on the minerals like sand and aggregates etc, for the quantity utilized in the work, failing which a deduction of these charges will be made from his bills.
- 9.5 All Mandatory deductions like TDS will be made from each running bill @ prescribed rate.

10 Deviations/Variations Extent and Pricing

IITTM shall have power (i) to make alteration, in omissions from, additions to, or substitutions for the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the work, and (ii) to omit a part of the works in case of non-availability of a portion of the site or for any other reasons and the contractor shall be bound to carry out the works in accordance with any instructions given to him in writing signed by the IITTM and such alterations, omissions, additions or substitutions shall form part of the contract as if originally provided therein and any altered, additional or substituted work which the contractor may be directed to do in the manner specified above as part of the works, shall be carried out by the contractor on the same conditions in all respects including price on which he agreed to do the main work except as hereafter provided.

- 10.1** The time for completion of the works shall, in the event of any deviations resulting in additional cost over the tendered value sum being ordered, be extended if requested by the contractor, as follows:

- i) In the proportion which the additional cost of the altered, additional or substituted work, bears to the original tendered value plus
- ii) 25% of the time calculated in (i) above or such further additional time as may be considered reasonable by IITTM.

10.2 Deviation, Extra Items and Pricing Rates for Extra/ Additional Items,

- i) If the rate for additional, altered or substituted item of work is specified in the Schedule of Quantities, the Contractor shall carry out the additional, altered or substituted item at the same rate.
- ii) If the rate for any altered, additional or substituted item of work is not specified in the schedule of Quantities, the rate for that item shall be derived from the rate for the nearest similar item specified therein.
- iii) If the rate for any altered, additional or substituted item of work cannot be determined in the manner specified in sub -paras (i), and (ii) above, the contractor shall, within 7 days of the date of receipt of the order to carry out the said work, inform DIRECTOR, IITTM under advice to the Accepting Authority of the rate which he proposes to claim for such item of work, supported by analysis of the rate claimed, and the IITTM shall, within fifteen days thereafter, after give due consideration to the rate claimed by the Contractor determine the rate on the basis of market rate(s). In the event of the contractor failing to inform the IITTM within the stipulated period of time, the rate which he proposes to claim, the rate for such item shall be determined by the IITTM on the basis of market rate(s) and shall be final.

Deviation substituted items, pricing

- a) If the market rate for the substituted item so determined is more than the market rate of the agreement item (to be substituted), the rate payable to the contractor for the substituted item shall be the rate for the agreement item (to be substituted) so increased to the extent of the difference between the market rates of substituted item and the agreement item (to be substituted).
- b) If the market rate for the substituted item so determined is less than the market rate of the agreement item (to be substituted), the rate payable to the contractor for the substituted item shall be the rate for the agreement item (to be substituted) so decreased to the extent of the difference between the market rates of substituted item and the agreement item (to be substituted).

10.3. The provisions of the preceding paragraph shall also apply to the decrease in the rates of items for the work in excess of the limits laid down in Appendix, and the DIRECTOR, IITTM shall after giving notice to the contractor within one month of occurrence of the excess and after taking into consideration any reply received from him within fifteen days of the receipt of the notice, revised the rates for the work in question within one month of the expiry of the said period of fifteen days having regard to the market rates.

11.0 Time and Extension for Delay:

11.1 The time allowed for execution of the works as specified in the Appendix or the extended time in accordance with these conditions shall be the essence of the Contract. The execution of the works shall commence from the 10th day after the date on which the IITTM issues written orders to commence the work or from the date of handing over of the site, whichever is earlier

11.2 As soon as possible after the Contract is concluded the DIRECTOR, IITTM and the Contractor shall agree upon a Time and Progress Chart. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the works.

11.3 If the work be delayed by

- (a) Force majeure or
- (b) Abnormally bad weather or
- (c) Serious loss or damage by fire, or
- (d) Civil commotion, local combination of workmen strike or lockout, affecting any of the trades employed on the work, or
- (e) Delay on the part of other contractors or tradesmen engaged by IITTM in executing work not forming part of the contract, or
- (f) Any other cause, which, in the absolute discretion of the authority mentioned in Appendix, is beyond the Contractor's control;

11.4 Then upon the happening of any such event causing delay, the Contractor shall immediately give notice thereof in writing to the DIRECTOR, IITTM but shall nevertheless use constantly his best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the IITTM to proceed with the Works.

12 The Contractor shall arrange, at his own expense, all tools, plant and equipment hereafter referred to as (T & P) labour, P.O.L. & electricity required for execution of the work.

13 FORCE MAJEURE

Any delays in or failure of the performance of either party herein shall not constitute default hereunder or give rise to any claim for damages, if any, to the extent such delays or failure of performance is caused by occurrences such as Act of god or the public enemy; expropriation or confiscation of facilities by Government authorities, or in compliance with any order or request of any Governmental authorities or due acts of war, rebellion or sabotage or fires, floods, explosions, riots or illegal joint strikes of all the workers of all the contractors.

14. MATERIALS

All materials to be provided by the Contractor shall be in conformity with the specifications laid down in the contract and the Contractor shall, if requested by the Engineer- in-Charge, furnish proof to the satisfaction of IITTM in this regard.

15. Labour:

a.) The Contractor shall employ its labour in sufficient numbers to maintain the required rate of progress and of quality to ensure workmanship of the degree specified in the Contract and to the satisfaction of IITTM. The Contractor shall not employ in connection with the Works any person who has not completed eighteen years of age.

b.) All the workers or employees deployed by the contractors shall consider the employees of contractor and corporation shall not have any liability what so ever in nature in regard to such workers/employees.

c.) The Contractor shall pay to labour employed by him directly wages not less than fair wages as per Minimum Wages Act. Fair Wage' means wages, which shall include wages for weekly day of rest and other allowances whether for time or piece work, after taking into consideration prevailing market rates for similar employment in the neighbourhood but shall not be less than the minimum rates of wages fixed under the payment of Minimum Wages Act.

d.) The Contractor shall in respect of labour employed by him or his sub-contractor comply with or cause to be complied with the Contractor Labour Regulation in regard to all matters provided therein.

e.) The Contractor shall comply with the provisions of the payment of Wages Act, 1936, Minimum Wages Act, 1948, Employers' Liability Act, 1938. Workmen's Compensation Act, 1923, Industrial Disputes Act, 1947, Maternity Benefit Act, 1970 or any modification thereof or any other law relating thereto and rules made there under from time to time.

f) The Contractor shall indemnify and keep indemnified the IITTM against:

- i. Any claim arising out of third party loss/ damage to life or property caused by/ during execution of the work.
- ii. Any claim arising out of loss/ damage to the workmen engaged by the contractor during execution of the work.
- iii. Any claim due to non-compliance of applicable PF/ Labour laws, ESI regulations etc.

16 Inspection and Approval:

All work embracing more than process shall be subject to examination and approval at each stage thereof and the Contractor shall give due notice to the IITTM or his authorized representative when each stage is ready. The DIRECTOR, IITTM or his representative shall have powers at any time to inspect and examine any part of the Works and the

contractor shall give such facilities as may be required for such inspection and examination.

17 Liquidated Damages for Delay

Time is essence of the contract. In case the CONTRACTOR fails to complete the whole work within the stipulated period, and clear the site he shall be liable to pay liquidated damages @ 0.5% (One Half of one percent only) of the value of contract per week and or part thereof of the delay subject to a maximum of 10% (ten percent only) of the value of the contract. The amount of Compensation may be adjusted or set-off against any sum payable to the Contractor under this or any other contract with IITTM.

18. Defect Liability Period

The Contractor shall be responsible to make good and remedy any defect in the work executed within defect liability period of one year which shall be reckoned from the date of completion of the works to the IITTM.

19. Instruction and Notices:

19.1 Subject as otherwise provided in this contract, all notices to be given on behalf of the IITTM and all other actions to be taken on its behalf may be given or taken by the IITTM or any officer for the time being entrusted with the functions, duties and powers of the IITTM.

19.2 All instructions, notices and communications, etc., under the contract shall be given in writing and if sent by registered post to the last known place of abode or business of the Contractor shall be deemed to have been served on the date when in the ordinary course of post these would have been delivered to him.

19.3 Foreclosure of Contract in Full or in Part due to Abandonment or Reduction in Scope of Work.

If at any time after acceptance of the tender the DIRECTOR, IITTM shall decide to abandon nor reduce the scope of the works for any reason whatsoever and hence not require the whole or any part of the Works to be carried out the Engineer-in-Charge shall give notice in writing to that effect to the Contractor and Contractor shall have no claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage which he might have derived from the execution of the works in full but which he did not derive in consequence of the foreclosure of the whole or part of the works.

19.4 The Contractor shall be paid at Contract rates full amount for works executed at Site as certified by the IITTM.

20. Cancellation of Contract in Full or in Part:

If the Contractor:

- a. At any time makes defaults in proceeding with the Works with due negligence and continues to do so even after a notice in writing of 7 days from IITTM; or

- b. Commits default in complying with any of the terms and conditions of Contract and does not remedy it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by the IITTM; or
- c. Fails to complete the works or items of work on or before the date(s) of completion, and does not complete them within the period specified in a notice given in writing in that behalf by the IITTM; or
- d. Violates any of the terms and conditions stipulated in this agreement
- e. Being a company, passes a resolution or the Court makes an order for liquidation of its affairs, or a receiver or manager on behalf of the debenture holders is appointed or circumstances shall arise which entitle the Court or debenture holders to appoint a receiver or manager; or

21. Liability for Damage, Defects or Imperfections and Rectification thereof:

If the Contractor or his workmen or employees shall injure or destroy any part of the building in which they may be working or any building, road, fence, etc. Contiguous to the premises on which the work or any part of it is being executed, or if any damage shall happen to the work while in progress the Contractor shall upon receipt of a notice in writing in that behalf make the same good at his own expense. If it shall appear to the Engineer-in-charge or his Representative at any time during construction or reconstruction or prior to the expiration of the expiration of Defects Liability Period, that any work has been executed with unsound, imperfect or unskilled workmanship or that any materials or articles provided by the Contractor are of substandard quality shall, upon receipt of a notice in writing in that behalf from the Engineer- in-charge, forthwith rectify or remove and reconstruct the work so specified in whole or in part, as the case may require or as the case may be, and / or remove the materials or articles at his own expense, notwithstanding that same may have been inadvertently passed, certified and paid for and in the event of his notice aforesaid, the Engineer- in-charge may rectify or remove and re-execute the work and / or remove and replace with others the materials or articles complained of, as the case may be, by other means at the risk and expense of the Contractor.

- 21.1** In case of repairs and maintenance works, splashes and dropping from whitewashing, painting, etc. shall be removed and surfaces cleaned simultaneously with completion of these items of work in individual rooms, cabins or premises, etc. Where the work is done, without waiting for completion of all other items of work in the contract. In case the Contractor fails to comply with the requirements of this condition, the Engineer- in-Charge shall have the right to get the work done by other means at the cost of the Contractor. Before taking such action, however, the Engineer- in-Charge shall give three days notice in writing to the Contractor

22. Urgent Works:

If any Urgent work (in respect whereof the decision of the Director, IITTM shall be final and binding) becomes necessary and Contractor is unable or unwilling at once to carry it out, the Engineer- in-Charge may by his own or other workpeople carry it out, as he may consider necessary. If the urgent work shall be such as the Contractor is liable under the contract to carry out at his expenses, the expenses incurred on it by the IITTM shall be recoverable from the Contractor and be adjusted or set off against any sum payable to him.

23. VALUATION AND PAYMENT:

- 23.1 The Engineer- in-Charge shall accept as otherwise stated ascertain and determine by measurement the value in accordance with the contract work done in accordance therewith.
- 23.2 All items having a financial value shall be entered in Measurement Book, etc. prescribed by the IITTM so that a complete record is obtained of all work performed under the contract.
- 23.3 Payments against running bills may be released in accordance with the general condition of the tender.
- 23.4 Payment will be made on actual measurement as carried out at the site. The quantities given in the schedule of quantities are only approximate and contractor will have to Vary out the work as per the increased/decreased quantity of work as per the directions of Engineer-in-Charge, for which no extra claim over and above the tender rate will be considered. For releasing the payment upto accepted tender amount the Director, IITTM is the approving authority.
- 23.5 The Contractor shall, without extra charge, provide assistance with every appliance, labour and other things necessary for measurements. In regard to measurement, variation; the decision taken by the Engineer- in-charge shall be final. **No escalation will be paid even in extended period, if any.**
- 23.6 All measurements shall be taken jointly by the Engineer- in-charge or his authorized representative and by the contractor or his authorized representative from time to time during the progress of the work and such measurements shall be signed and dated by the Engineer- in-charge and the parties. If the Contractor objects to any of the measurements recorded on behalf of IITTM a note to that effect shall be made in the Measurement Book against the item object to and such note shall be signed and dated by all the parties engaged in taking the measurement. The decision of the Competent Authority on any such dispute or difference or interpretation shall be final and binding on both the parties and shall be beyond the scope of the settlement of disputes of Arbitration in respect of all contract items, substituted items, extra items and deviations.
- 23.7. All statutory deductions as applicable like TDS, sales tax/VAT/GST shall be made from the due payment of the contractor.

24. Methods of Measurement:

Except where any general or detailed description of the work in Quantities expressly shows to the contrary, Schedule of Quantities shall be deemed to have been prepared and measurements shall be taken in accordance with the procedure set forth in the Schedule of Rates / Specification notwithstanding any provision in the relevant Standard Method of Measurement or any general or local custom.

25. Income Tax/WCT/VAT

- 25.1 Income tax including surcharge if any, at the prevailing rate shall be deducted from the Contractor's bills as per the provision of Income Tax Act.

- 25.2 The Contractor shall ascertain from the concerned commercial tax department regarding the applicability of Works Contract Tax / VAT/TIN. Necessary deductions will be made from the contractor's bill as applicable.

26. Carrying out part work at risk & cost of contractor

The Engineer- in-charge without prejudice to any other right or remedy against the contractor which have either accrued or accrue thereafter to the IITTM, by notice in writing to take the part work/ part incomplete work of any item(s) out of his hands and shall have powers to:

- (a) Take possession of the site and any materials, constructional plant, implements, stores, etc., thereon; and/or
- (b) Carry out the part work/ part incomplete work of any item(s) at the risk and cost of the contractor.

Any excess expenditure incurred or to be incurred by the IITTM in completing the part work/ part incomplete work of any item(s) or the excess loss of damages suffered or may be suffered by the IITTM as aforesaid without prejudice to any other right or remedy available to IITTM in law or as per agreement be recovered from any money due to the contractor on any account, and if such money is insufficient, the contractor shall be called upon in writing and shall be liable to pay the same within 30 days.

If the contractor fails to pay the required sum within the aforesaid period of 30 days, 'the Engineer-in-charge shall have the right to sell any or all of the contractors' unused materials, constructional plant, implements, temporary building at site etc. and adjust the proceeds of sale thereof towards the dues recoverable from the contractor under the contract and if thereafter there remains any balance outstanding, it shall be recovered in accordance with the provision of the contract.

In the event of above course being adopted by the Engineer- in-charge, the contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured materials or entered into any engagements or made any advance on any account or with a view to the execution of the work or the performance of the contract.

27. ARBITRATION AND LAW

Arbitration:

Except where otherwise provided for in the contract all questions and disputes relating to the meaning of the specifications, designs, drawings and instructions herein before mentioned and as to the quality of workmanship or materials used onto work or as to any other question, claim right matter or thing whatsoever in any way arising out of correlating to the contract, designs drawings, specifications, estimates, instructions, orders and these conditions or otherwise concerning the works, or the execution or failure to execute the same whether arising during the progress of the work or after the completion or abandonment thereof shall be referred to the sole arbitration of the Director Indian Institute of Tourism and Travel Management and if the Director, IITTM is unable or unwilling to act, to the sole arbitration of some other person appointed by Director, IITTM willing to act as such arbitrator. There will be no objection if the arbitrator so appointed is an employee of the IITTM and that he had to deal with the matters to which the contract relates and that in the course of his duties as such he had expressed views on all or any of the matters in dispute or difference. The arbitrator to whom the matter is originally referred being transferred or vacating his office or being unable to act for any reason as aforesaid at the time of such transfer, vacation of office or inability to act., Director, IITTM shall appoint another person to act, as

arbitrator in accordance with the terms of the Contract. It is also a term of this contract that no person other than a person appointed by Director, IITTM , as aforesaid should act as arbitrator and if for any reason, that is not possible, the matter is not to be referred to arbitration at all.

Subject as aforesaid the provision of the Indian Arbitration and Reconciliation Act,1996, or any statutory modification or re-enactment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceeding under this clause.

It is a term of the contract that the party invoking arbitration shall specify the dispute or disputes to be referred to arbitration under this clause together with the amount or amounts claimed in respect of each such dispute.

The arbitrators may from time to time with consent of this parties enlarge the time, for making and publishing the award.

The work under the contract shall, if reasonably possible continue during the arbitration proceedings and so payment due to payable to the Contractor shall be withheld on account of such proceedings.

The Arbitrator shall be deemed to have entered on the reference on the date he issued notice to both parties fixing the date of the first hearing. The Arbitrator shall give a separate award in respect of each dispute of difference referred to him.

The venue of arbitration shall be such place as may be fixed by the Arbitrator in sole discretion.

The award of the arbitrator shall be final, conclusive and binding on all parties to this contract.

The cost of arbitration shall be borne by the parties to the dispute, as may be decided by the arbitrator(s).

The Indian Laws shall govern this contract for the time being in force. The courts at Gwalior shall have the jurisdiction

DIRECTOR, IITTM

SIGNATURE OF THE CONTRACTOR

FORM OF TENDER

To

Director,
Indian Institute of Tourism and
Travel Management, Govindpuri,
Gwalior-474 011 (MP)

I/We have read and examined the following documents relating to.....
.....

(Name of the Work)

- a). Notice inviting tender.
- b). Instructions to Tenderers
- c). Technical Specifications
- d). General Conditions of Contract including Contractors, Labour Regulations, Model Rules for Labour Welfare and Safety Code appended to these conditions to either with the amendments thereto if any.
- e). Special Conditions of contracts if any.
- f). Bill of Quantities

I/We hereby tender for execution of the works referred to in the aforesaid documents upon the terms and conditions contained or referred to therein and in accordance in all respects with the specifications, designs, drawings and other relevant details at the rates contained in Schedule and within the period(s) of completion as stipulated in Appendix.

In consideration of I/We being invited to tender, I/We agree to keep the tender open for acceptance for 120 days from the due date of submission thereof and not to make any modifications in its terms and conditions which are not acceptable to IITTM.

A sum of Rs 2,88,000/- is hereby forwarded as Earnest Money Deposit in the form of Demand Draft in favour of Director, IITTM. payable at Gwalior. If I/We fail to keep the tender open as aforesaid of make any modifications in the terms and conditions of the tender which are not acceptable to IITTM, I/We agree that the IITTM shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Should this tender be accepted, I/We agree to abide by & fulfil all the terms & conditions of aforesaid document.

If after the tender is accepted, I/we fail to commence the execution of the work as provided in the conditions. I/We agree that IITTM shall without prejudice to any other right or remedy is at liberty to forfeit the said earnest money absolutely.

Signature of contractor.....

Duly authorized to sign the tender on behalf of the (in block capitals).....

.....
Dated.....
Witness.....
Date.....
Address.....
.....

APPENDIX

1.	Competent Authority	Director, IITTM or his Authorised representative
2.	Earnest money/Security deposit	Rs.2,88,000/- in the form of DD /Pay order in favour of Director, IITTM, Gwalior
	Security Deposit	10% of the contract value.
3.	Deviation limit for items of work Deviation limit beyond which clauses 10.2 & 10.3 shall apply for the building/ renovation Work	30%
4.	Time allowed for execution of work	180 Days
5.	Authority competent to decide if “any other cause” of delay is beyond Contractors’ control	Director, IITTM or his Authorized representative
6.	Liquidated Damaged	0.5% (one half of one percent) per week subject to a Maximum 10% value of the contract
7.	Approving Authority for releasing the payment Up to the accepted tender cost.	Director, IITTM, Gwalior
8.	Defect Liability Period	12 months from the date of Completion of work.
9.	Authority competent to reduce	Director, IITTM or his Compensation authorized executive

(DIRECTOR IITTM)

SCHEDULE OF ITEMS

NAME OF WORK- REPAIR TO HOSTEL BUILDING AND RECONSTRUCTION OF BOUNDRY WALL ETC. IN IITM NOIDA

Note: Rates quoted shall be inclusive of all taxes Royalty, transport including GST etc. Please fill rates in figures, in words and amount in prescribed columns.

SECTION : A

SL. NO.	PARTICULARS OF ITEMS	UNIT	QUANTITY	RATE IN FIGURES	RATE IN WORDS	AMOUNT
	A- Building work					
1	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	5400			
2	12 mm cement plaster of mix :					
	1:4 (1 cement: 4 fine sand)	sqm	4500			
3	15 mm cement plaster on the rough side of single or half brick wall of mix :					
3a	1:4 (1 cement: 4 fine sand)	sqm	1925.55			
3b	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge. With cement mortar 1:4 (1 cement : 4 fine sand)	sqm	141.9			
4	Providing and mixing in cement mortar water proofing compound like "Cico super or equivalent", in the ratio as mentioned by the manufacturer.	per 50 kg of cement	946			
4	12 mm thick cement plaster over brick masonry height upto floor V level using Ultratech Readiplast as per manufacturer's recommended process.	sqm	235			
5	Providing an even coat of chemical treatment in horizontal and vertical direction (to protect the wall against dampness) wall surface using mixture of cement and chemical manufactured by reputed brands like cico/fosroc/ chowksey, as directed by engineer in charge	sqm	4500			
6	Extra for plastering exterior walls of height more than 10 m from ground level for every additional height of 3 m or part thereof.	sqm	1200			
7	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :					
	Water thinnable cement primer	sqm	7972			
8	Finishing walls with water proofing cement paint of required shade					
	New work (Two or more coats applied @ 3.84 kg/10 sqm)	sqm	6800			

9	Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying:					
	(a) after surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm.					
	(b) laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm.					
	(c) third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proofing cement compound @ 0.670 kg/sqm and coarse sand @ 1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30 cm on parapet wall and tucked into groove in parapet all around.	sqm	1350			
10	Grading roof for water proofing treatment with cement concrete 1:2:4 (1 cement :2 sand :4 stone aggregate 20 mm nominal size)	cum	63.35			
11	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.					
	Size of Tile 600x600 mm	sqm	1836.5			
12	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete.					
	Size of Tile 600 x 600 mm	sqm	128.42			

13	Providing and laying flooring of rectified ceramic glazed tiles of size 300X300 mm in 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	720			
14	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying :					
	(a) First layer of slurry of cement @ 0.488 kg/sqm mixed with					
	water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours.					
	(b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours.					
	(The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry)	sqm	1106.7			
15	Earth work in excavation by mechanical means (Hydraulic excavator) or manual means over areas (exceeding 30 cm in depth), 1.5 mtr in width , as well 10 sqm in plan Including getting out and disposal of excavated earth lead upto 50 mtr and lift upto 1.5 mtr as directed by Engineer in charge.	cum	435.89			
16	Demolishing brick masonry manually /by mechanical means including stacking of servicable materials , and disposal of unservicable materials within 50 mtr lead as per direction of engineer in charge- in cement mortar - wall	cum	50.1			
17	Providing laying in position cement concrete of specified grade excluding the cost of centeing shuttering All work upto plinth level- 1:3:6 (1 cement : 3 sand: 6 stone aggregate 20 m nominal size up to ground level	cum	42.36			

18	Providing laying in position specified grade of reinforced cement concrete excluding the cost of centering shuttering, finishing and reinforcement All work upto plinth level- 1:1.5:3 (1 cement : 1.5 sand: 3 stone aggregate 20 m nominal size.	cum	58.6			
19	Centering and shuttering i/c strutting propping etc and removal of form for					
a	Foundations ,footing bases of columns etc for mass concrete	sqm	171.4			
b	Lintels, beams , plinth beams, girders bressummers, and cantilevers	sqm	485.6			
c	Columns, pillars piers, abutments, posts and struts-sides	sqm	460.2			
20	Steel reinforcement for RCC work i/c straightening, cutting bending and binding all work any level upto 4 th floor ,TMT Bars Fe 500 and above	sqm	16232			
21	Brick work with on modular fly ash bricks confirming to IS12894 class designation 10 average compressive strength in superstructure above plinth level and upto floor V level in Cement Mortar 1:6(1 cement :6 sand)	cum	223.6			
22	Structural steel work in single section fixed with or without connecting plate including cutting ,hoisting ,fixing in position and applying a primer coat of steel primer complete -	kg	2615			
23	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 mtr openable length 9 total length 90 mtr) having 50 nos round per 6 mtr length , upto 3 mtr height of wall with existing Y shaped posts placed 2.4 to 3 metre apart and with 9 horizontal RBT reinforced barbed wire stud tied with GI staples and GI clips to retain horizontal ,including necessary bolts or GI barbed wire tied to angle iron complete as per direction of engineer incharge with reinforced barbed tape spring core 2.5 mm thick wire of high tensile strength of 165 kg/sq mm with tape 0.52 mm thick and weight 43.478gm /meter . Cost of angle iron to be paid separately .	Rmtr	300			
24	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.Electric resistance or induction butt joints	kg	1268.5			

25	Providing and fixing cramps of required size & shape in RCC/ CC / Brick masonry backing with cement mortar 1:2 (1 cement :2 coarse sand),including drilling hole in stones and embedding the cramp in the hole. Fasteners to be paid seperately, stainless steel cramp	kg	45.8			
26	Providing and fixing carbon steel galvanised (minimum coating 5 micron) dash fastener of 10 mm dia double threaded 6.8 grade (yield strength 480 N/mm2), counter sunk head, comprising of 10 mm dia polyamide PA 6 grade sleeve, including drilling of hole in frame , concrete/ masonry, etc. as per direction of Engineer-in-charge.10 mm dia X60 mm long	each	120			
27	Stone work (machine cut edges) for wall lining etc. (vener work) upto 10 metre height, backing filled with a grout of average 12 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) including pointing in white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade : (To be secured to the backing and the sides by means of cramps and pins which shall be paid for separately) :					
27-a	white sand stone gang saw cut and table rubbed with rough backing -30 mm thick	sqm	115			
27-b	Red sand stone gang saw cut and table rubbed with rough backing -30 mm thick	sqm	315			
28	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :					
	Two or more coats on new work	sqm	170			
29	Finishing walls with 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives.					
	New work (Two or more coats applied @ 1.43 litre/ 10 sqm. Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm.	SQM	120			
30	Providing and fixing soil, waste and vent pipes :					
a	100 mm dia sand cast iron S& S as per IS 3989	metre	72			
b	75mm dia sand cast iron S& S as per IS 3989	metre	24			

31	Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including cost of cutting holes and making good the walls etc.					
a	For 100 mm dia pipe	each	12			
b	For 75 mm dia pipe	each	8			
32	Providing and fixing plain bend of required degree., 100 mm dia , S & S as per IS 3989	each	24			
32a	Providing and fixing plain bend of required degree., 75 mm dia , S & S as per IS 3989	each	8			
33	Providing and fixing single equal plain junction of required degree :					
a	100x100x100 mm S & S as per IS 3989	each	22			
b	75 X75 X75 mm S & S as per I S 3989	each	12			
34a	Providing and fixing collar 100 mm dia S & S as per IS 3989:	each	8			
34b	Providing and fixing collar 75 mm dia S & S as per IS 3989:	each	8			
35	Providing lead caulked joints to sand cast iron/centrifugally cast (spun) iron pipes and fittings of diameter :					
a	100 mm	each	42			
b	75 mm	each	22			
36	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.					
	Internal work - Exposed on wall					
36a	15 mm nominal outer dia Pipes	metre	20			
36b	20 mm nominal outer dia Pipes	metre	16			
36c	25 mm nominal outer dia Pipes	metre	6			

37	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.					
	Concealed work, including cutting chases and making good the walls etc.					
37a	15 mm nominal outer dia Pipes	metre	24			
37b	20 mm nominal outer dia Pipes	metre	18			
37c	25 mm nominal outer dia Pipes	metre	12			
38	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.External work					
38a	15 mm nominal outer dia Pipes	metre	18			
38b	20 mm nominal outer dia Pipes	metre	12			
38c	25 mm nominal outer dia Pipes	metre	8			
38d	32 mm nominal outer dia Pipes	metre	8			
38e	40 mm nominal outer dia Pipes	metre	25			
39	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :					
	15 mm nominal bore	each	44			
40	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.					
	15 mm nominal bore	each	22			
41	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.					
	15 mm nominal bore	each	22			
42	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.					
	15 mm nominal bore	each	44			

43	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931					
	15mm nominal bore	each	88			
44	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge.	each	88			
45	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.					
	Fixed to steel windows by welding	Kg	2542.8			
46	Providing & fixing White vitreous china water closet squatting pan (Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c malba, all complete as per the direction of Engineer-in charge.					
	Orissa pattern W.C Pan of size 580x440 mm	each	14			
47	Providing and fixing UV stabilised fibreglass reinforced plastic sheet roofing upto any pitch including fixing with polymer coated T or 'L' hooks, bolts and nuts 8mm dia. G.I plain/bitumen washers complete but excluding the cost of purlins, rafters, trusses etc. The sheets shall be manufactured out of 2400 TEX panel rovigs incorporating minimum 0.3% Ultra-violet stabiliser in resin system under approximately 2400 psi and hot cured. They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866.The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified.2 mm thick flat	sqm	44.4			

48	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm + 0.05 %, total coated thickness with zinc coating 120 gsm as per IS: 277 in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	sqm	180			
49	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm + 0.05 % total coated thickness, Zinc coating 120gsm as per IS: 277 in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :					
	Ridges plain (500 - 600mm).	Rmtr	18.4			
50	Providing and laying 60mm thick factory made coloured cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	sqm	240			
	TOTAL AMOUNT (FOR PART A BUILDING WORK)					
	B- LAND SCAPING WORK					
1	Trenching in ordinary soil up to a depth of 60cm including removal and stacking of serviceable materials and then disposing of surplus soil, by spreading and neatly leveling within a lead of 50m and making up the trenched area to proper levels by filling with earth or earth mixed with sludge or/and manure before and after flooding trench with water (excluding cost of imported earth, sludge or manure).	cum	140			
2	Supplying and stacking of good earth specific useful for plantation at site including royalty if any and carriage (earth measured in stacks will be reduced by 20% for payment).	cum	70			
3	Supplying and stacking sludge at site including royalty and carriage (sludge measured in stacks will be reduced by 8% for payment).	cum	40			

4	Supplying and stacking at site dump manure from approved source, including carriage (manure measured in stacks will be reduced by 8% for payment) :	cum	40			
5	Rough dressing the trenched ground including breaking clods.	sqm	250			
6	Uprooting weeds from the trenched area after 10 to 15 days of its flooding with water including disposal of uprooted vegetation.	sqm	250			
7	Mixing earth and sludge or manure in the required proportion specified or directed by the Engineer-in-charge.	cum	100			
8	Spreading of sludge, dump manure and / or good earth in required thickness as per direction of Engineer-in-charge (Cost of sludge, dump manure and / or good earth to be paid separately).	cum	100			
9	Grassing with Selection No.1 grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn, free from weeds and fit for mowing including supplying good earth, if needed (the grass and good earth shall be paid for separately):	sqm	200			
10	Digging holes in ordinary soil and refilling the same with the excavated earth mixed with manure or sludge in the ratio of 2:1 by volume (2 parts of stacked volume of earth after reduction by 20% : 1 part of stacked volume of manure after reduction by 8%) flooding with water, dressing including removal of rubbish and surplus earth, if any with all leads and lifts (cost of manure, sludge or extra good earth if needed to be paid for separately) :					
10-A	Holes 120 cm dia and 120 cm deep.	each	75			
10-B	Holes 60 cm dia and 60 cm deep.	each	60			
10-C	Holes 45 cm dia and 45 cm deep.	each	60			
11	Providing and planting different variety of plants of approved quality and sizes as mentioned including making pits of required size at site, refilled with B.C. Soil mixture manuring and pesticide etc. complete (to be paid separately) including watering and 90 days maintenance from the date of final bill as per direction of Engineer-in-Charge complete in all respect (B.C. Mixture paid separately).					

11-A	Bahunia Tomentosa, Beloperone Species, Caselpinnia Pulcherima, Bird of Paradise, Callandra Emarginata, Callandra Hybrida, Cassia Bi flora, Cassia Laevigata, Cestrum Nocturnum, Dombeya Mastersii, Euphorbia Caracasana, Euphorbia Pulcherima, Excorea bi color, Excorea tri color, Ficus Blackii, Ficus Reginold, Ficus Panda, Gardenia, Gulphinia, Jasminoides, Hamelia Pattens, Heliconia, Hibiscus Rosasinensis, Hibiscus Verigated, Hibiscus Viceroy, Jatropha Multifida, Largestomia Indica, Malpighia Coccigera, Murraya Exotica, Murraya Koeniggi, Murraya Sambucum, Mussaenda Erythrophylla, Nerium Oleander, Nyctanthus Arbortristis, Plumbego Capensis, Putranjeeva Roxburghii, Tabernaemontana Coronaria, Tabernaemontana Divaricata, Tecoma Gaudi Chaudi, Tecoma					
	Stans, Thevetia Nerifolia, Thuja Compacta and equivalent plants.					
	Allamanda Cathartica, Allamanda Grandiflora, Allamanda Violacea, Begonia Venustha, Boughan Villas (Variety : Butiana, Lady Mary Bearing, Mahaara, Mohan, Scarlet Queen Variagata, Glabra Formosa, Peruviana Odissi, Partha, Shubhra, Thimma, Spectabilis, L.N. Birla, Refulgens), Clerodendrum Splendens, Clerodendrum Thompsonae, Ipomea Purpurea, Jasminum Grandiflorum, Jasminum Humile (Yellow), Passiflora Caerulea (Rakhi Bel), Petrea Volubilis, Quis Qualis Indica, Tecoma Grandiflora, Veronia Elaegnifolia (Curtain Creeper), Mandvella, Garlic Creeper, Callimitis	each				
11-B	Alpinia Verigated, Alternanthera species, Aspyragus Myerri, Aspyragus Springenii, Aspidistra, Canna (regular, Dwarf), Chlorodendron Inermii, Chlorophytum (Green), Chlorophytum verigated, Coffea Chinensis, Dianella Verigated, Durranta (Goldiana, Green, Verigated), Euphorbia Milli hybrid, Ipomea (Golden leaves), Iresine herbstii, Juniper Prostata, Juniper Africana, Ophiopogon plant, Ophiopogon jaburan, Portulacaria Afra (jade Plant), Schefflera Green, Schefflera verigated, Setcreasea Purpurea, Syngonium (Butterfly) species, Syngonium miniature, Syngonium Dwarf, Syngonium variegated, Tradescantia, Wadelia Trilobata, Zebrina Tradescantia, Pendanas, Spider Lily Black, Spider Lily verigated, Aclypha (Red, Green,Mini), Lantana (Red, Yellow, Purple, White, verigated), Haemalia Mini and similar plants.	each				
12	Providing of Roto moulded circular planters of different sizes.					
a	Upper dia 50cm and height 37cm	each	50			
b	Upper dia 60cm and height 47cm	each	50			

d	Upper dia 80cm and height 62cm	each	50			
e	Upper dia 90cm and height 69cm	each	50			
	Preparation of mounds of various size and shape by available excavated /supplied earth in layers not exceeding 20 cm in depth, breaking clods, watering of Each layer, dressing etc. lead upto 50 metre and lift upto 1.5 m complete as per direction of Engineer-in-Charge.	cum	80			
TOTAL AMOUNT PART -B LAND SCAPING						
PART -C WATER HARVESTING						
1	Providing fixing readymade water (fabricated) water purification kit for suitable for filtration of rain water from 200 sq. m roof area) included filter media complete kit as per design approved by Govt. of India directorate of patent & design/ Bureau of Indian standards.	each	12			
2	Providing fixing readymade water (fabricated) water purification kit for suitable for filtration of rain water from 100 sq. m roof area) included filter media complete kit as per design approved by Govt. of India directorate of patent & design/ Bureau of Indian standards.	each	2			
3	Providing and laying PVC Pipe 90 mm suitable for rain water pressure 4 kg/cm ² (Finolex / Supreme/ Vectus Makes) equivalent ISI approved including all fittings such as tee, bend or sockets , pipe clamps including labour materials transport etc complete		215			
4	Providing and laying PVC Pipe 110 mm suitable for rain water pressure 4 kg/cm ² (Finolex / Supreme/ Vectus Makes) equivalent ISI approved including all fittings such as tee, bend or sockets , pipe clamps including labour materials transport etc complete	Rmtr	190			
5	Providing and laying PVC Pipe 140 mm suitable for rain water pressure 4 kg/cm ² (Finolex / Supreme/ Vectus Makes) equivalent ISI approved including all fittings such as tee, bend or sockets , pipe clamps including labour materials transport etc complete	Rmtr	95			
6	Constructing and providing disposal chamber of 1.0X 1.0 X 1.0 Mtr internal size with 23 cm thick brick wall in CM 1:4 on base of cement concrete 150 mm thick and all inside faces plastered with cement mortar 1:4 neatly, with suitable lockable steel cover not weighing less than 7.5 kg.	each	4 nos			
7	Excavation of trenches for pipe lines of outer dia upto 200 mm in open land /lawns etc and refilling the same with excated stuff making as original.	cum	35			

8	Cutting and chasing in CC aprons plinth protection, concrete road for laying pipe lines for pipes upto 200 mm dia pipes and making the surface as original after fixing of pipe lines, including cost of all materials and labour etc complete.	sqm	24			
		Signature of the contractor				

SECTION -B

Items of work , other than above mentioned items, contained in Delhi Schedule of rates 2019 with all amendments upto the date of submission of tender, if got executed ,we will charge %,(in words.....percent) below/ above the DSR , including all taxes GST etc.

Signature of the contractor