

**TENDER DOCUMENT  
FOR  
RENOVATION  
OF  
BOYS HOSTELS  
NO. 1&2  
AS WELL AS MESS AREA**

**AT  
IITM  
GOVINDPURI  
GWALIOR-474 011 (MP)**



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

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

**The Tender Document Contains Pages 44 Nos.**

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

**Ref:** 4-Inst.(13)/2021

Date:30.10.2021

**M/s.** -----

**Sub: Tender document for Renovation of Boys Hostels No. 01 & 02 As well as Mess Area .**

Sir,

Sealed Item Rates Tender documents in respect of the above mentioned works containing 44 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 before 22.11.2021 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 pay order/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 22.11.2021**

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. 44 Pages**

**DIRECTOR, IITTM**

**Signature of the Contractor with stamp**

## TENDER NOTICE

### Renovation of Boys Hostels No. 01 & 02 as well as Mess Area IITTM Gwalior

**TENDER NOTICE NO: 4-Inst.(13)/2021**

Date: 30.10.2021

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	Renovation of Boys Hostels No. 01 & 02 as well as mess area	Rs 7,30,000/-	180 days	From <b>30.10.2021</b> To <b>22.11.2021</b>	<b>22.11.2021</b> Up to 3.00 PM

1. The Blank tender documents (non-transferable) for above work shall be downloaded from the website [www.iittm.ac.in](http://www.iittm.ac.in) from **30.10.2021** to **22.11.2021** 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.
2. Those who are registered as contractor with State Govt. / union Govt./ MES / MPPWD/CPWD/ 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.
3. 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.”
4. 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.
5. 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.
6. Tenders not accompanied by Earnest Money Deposit and tender cost in the prescribed form shall be summarily rejected.
7. Director, IITTM reserves the right to reject all or any tender wholly or partly without assigning any reason whatsoever.
8. Audited balance sheet by Chartered Accountant should be attached for the last 3 years to show the financial capability of the bidder

**DIRECTOR, IITTM**

**Renovation of Boys Hostels No. 01 & 02 as well as mess area  
at IITTM Gwalior**

**TENDER NOTICE NO: 4-Inst.(13)/2021**

Date. 30.10.2021

**INDEX OF TENDER DOCUMENTS**

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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 : **Renovation of Boys Hostels No. 01 & 02 as well as Mess Area**  
Tender no. : 4-Inst.(13)/2021  
  
Due date & time of opening : **22.11.2021 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 totaling in the amount column and in carrying forward totals shall be corrected.



## **9. Performance Security Deposit:**

Total performance security deposit shall be 5% of the accepted tender cost and shall 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 Security Deposit. Performance security may be deposited through FDR issued by nationalized bank duly pledged in the name of the Director IITTM Gwalior.

- 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 10<sup>th</sup> 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 7,30,000/- 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 or 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.7,30,000/- 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)

**BILL OF QUANTITIES FOR THE RENOVATION WORK OF OLD BOYS HOSTELS NO. 1 & 2 AND  
MESS AREA IN THE CAMPUS OF IITTM GWALIOR (M.P.)**

S.No.	Particulars of item	Qty.	Unit	Rate/Unit		Amount ( Rs.)
				Words	Figures	
1	<p><b>A CIVIL WORKS</b></p> <p>Dismantling tile/Kota stone/Marble/Granite work in floors/walls and roofs laid in cement mortar including stacking material within 50 metres lead.</p> <p>For thickness of tiles 10 mm to 25 mm</p>	3000	Sqm			
2	<p>Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in-charge.</p> <p>Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).</p>	160	Cum			
3	<p>Dismantling doors, windows and clerestory windows (steel or wood) shutter including chow khats, architrave, holdfasts etc. complete and stacking within 50 metres lead</p> <p>Of area 3 sq. metres and below</p>	485	each			
4	<p>Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead :</p>					

	A 75 to 80 mm dia pipe. B 100 mm dia pipe	200 800	Metre Metre			
5	Dismantling G.I. pipes (external work)  including excavation and refilling trenches after taking out the pipes manually/by mechanical means  including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge :  A 15 mm to 40 mm nominal bore B 2 Above 40 mm nominal bore	3000 500	Metre Metre			
6	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including . necessary repairs to scratches etc. complete.	7500	Sqm			
7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings i/c fixing the pipe with clamps at 1.00m spacing.This includes jointing of pipes and 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.,  A 15 mm nominal outer dia .Pipes.  B 20 mm nominal outer dia .Pipes.	1700 1200	metre metre			

8	<p>Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete as per direction ,of</p> <p>Engineer in Charge.</p> <p>Internal work - Exposed on wall</p> <p>A 20 mm nominal outer dia .Pipes.</p> <p>B 25 mm nominal outer dia .Pipes.</p> <p>C 32 mm nominal outer dia .Pipes.</p> <p>D 40 mm nominal outer dia .Pipes.</p> <p>E 50 mm nominal outer dia .Pipes.</p>	900 300 150 350 250	metre metre metre metre metre			
9	<p>Providing and fixing CPVC gate valve with knob of approved quality .</p> <p>A 25mm nominal bore</p> <p>B 32 mm nominal bore.</p> <p>C 40 mm nominal bore</p> <p>D 50 mm nominal bore</p>	70 10 10 20	each each each each			
10	<p>Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :</p> <p>A 20 mm nominal bore</p> <p>B 25 mm nominal bore</p>	20 20	each each			

11	<p>Providing and fixing soil,waste and vent pipes :</p> <p>A 100 mm dia.Pipe minimum wall thickness 5mm Centrifugally cast (spun) iron socket and spigot (Sands) pipe as per IS: 3989.</p> <p>B 75mm dia Pipe minimum wall thickness 5mm Centrifugally cast (spun) iron socket pipe as per IS: 3989.</p>	1380	Metre			
		350	each			
12	<p>Providing and fixing plain bend of required degree</p> <p>100 mm dia minimum wall thickness 6.5mm</p> <p>Sand cast iron bend as per IS : 3989</p>	250	each			
13	<p>Providing and fixing collar:</p> <p>A 100 mm Sand cast iron bend as per IS - 3989</p> <p>B 75 mm Sand cast iron bend as per IS- 3989</p>	150	each			
		110	each			
14	<p>Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors :</p> <p>100 mm inlet and 100 mm outlet</p> <p>bend cast iron Sands as per IS: 3989</p> <p>sand cast iron bend as per IS : 1729</p>	120	Each			
15	<p>Providing lead caulked joints to sand cast iron/centrifugally cast(spun)iron pipes and fittings of diameter</p> <p>A 100 mm</p> <p>B 75 mm</p>	1000	each			
		550	each			

16	<p>Providing and laying water proofing treatment in sunken portion of WC,bathroom etc.,by applying cement slurry mixed with water proofing cement compound consisting of applying :</p> <p>a) First layer of slurry of cement @ 0.488kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours.</p> <p>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.</p>	400	Sqm			
17	<p>Providing and fixing unplasticised Rigid PVC soil and waste pipes.conforming to IS: 13592 Type B. including jointing with seal ring conforming to IS :</p> <p>5382 leaving 10 mm gap for thermal expansion. Single socketed pipes for working pressure of 4 kg/sqcm.</p> <p>110*mm diameter (minimum wall thickness 3.2mm)</p>	450	metre			
18	<p>Providing and fixing unplasticised PVC moulded fittings/ accessories for unplasticised Rigid PVC soil and waste pipes conforming to IS:13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.</p> <p>A Bend 87.50110 mm bend B Coupler 75 mm</p> <p>C Single tee with door 110x110x110 mm</p>	110	each			



		120	each			
		280	each			
19	Providing and fixing C.P. brass grating of approved quality and make conforming to IS:specification. 100 mm dia.	400	each			
20	Providing and fixing water squaring pan(Indian t., pe Vv'.C. pan) with 100mm sand cast Iron P or S trap. uPVC P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete  including cutting and making good the walls and floors wherever required White Vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot rests.	20	each			
21	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required :  W.C. pan with ISI marked white solid plastic	45	each			
22	Providing and fixing white vitreous china flat Back half stall urinal of size 580x380x350mm	10	each			
23	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm including painting of fittings and brackets, cutting and making good the walls wherever required :  Kitchen sink with drain board					

	510x1040 mm bowl depth 250mm.	4	Each			
24	<p>Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require :</p> <p>17.11.12 Oval shape wash basin over counter/under counter with 15 mm C.P brass pillar tap (Counter to</p>	65	each			
25	<p>Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931</p> <p>15 mm nominal bore.</p>	150	each			
26	<p>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</p>	150	each			
27	<p>Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931</p> <p>15 mm nominal bore</p>	300	each			
28	<p>Providing and fixing C.P. brass basin mixer of ,approved quality and make conforming to IS:specification. 15 mm nominal bore.</p>	70	each			
29	<p>Proved quality and make conforming to IS: specification 15 mm nominal bore</p>	70	each			
30	<p>Providing and fixing C.P. brass sink mixer of approved quality and make conforming to IS: specification. 15 mm nominal bore</p>	10	each			
31	<p>Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet :</p>	70	each			

	100 mm diameter					
32	Providing and fixing C.P. brass elbow oprated pillar cock of approved quality and make conforming, to IS:specification.  15 mm nominal bore.	70	each			
33	Providing and fixing uplasticised PVC connection pipe with brass unions :  45 cm length 15 mm nominal bore	250	each			
34	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe 32 mm dia	75	each			
35	Providing and fixing 600x450 mm bevelled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	75	each			
36	Providing and fixing CP jet assembly to including connection etc complete.	50	each			
37	Providing and fixing CP brass soap dish of approved quality and make	70	each			
38	Providing and fixing CP brass Urinal spreaderof approved quality and make	10	each			
39	Providing and fixing C.P. brass soap container 109 mm wide, 125 high and 112 mm distance from wall of standard shape with bracket of the same material with all fittings etc. of approved quality and make like jaguar or equivalent conforming to IS: specification.					

		70	Each			
40	Providing and fixing CP brass bottle trap of approved quality and make for sink and wash basin.	75	each			
41	Providing and fixing CP brass towel rail of approved quality and make 600x20mm	70	each			
42	Providing and fixing CP brass towel ring of approved quality and make 200mm dia ring	70	each			
43	<p>Providing and fixing M.S. holder bat clamp of approved design to sand cast iron/ cast iron (spun) pipes comprising of M.S. flat brackets made of 50x5mm flat of specified shape, projecting 75mm outside the wall surface and fixed on wall with 4nos, 6mm dia expansion hold fasteners including drilling necessary holes in brick wall/ CC/ RCC surface and the cost of bolts etc. The pipes shall be fixed to the already fixed brackets with the help of 30mm x1.6mm galvanised M.S. flats of specified shape and of total length 420mm and shall be fixed with M.S. nuts, bolts, and washers of size 25x6mm, one bolts on each side of the pipe.</p> <p>Total bracket length 580mm of approved shape and design (for single, 100mm dia pipe).</p>	300	each			

44	<p>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 openings /wooden frames with rawl plugs screws etc.</p>	820	Kg			
45	<p>Providing and fixing aluminium work for doors,windows, ventilators and partitions with extruded built up standard tubular sections/appro priate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size,includ ing necessary filling up the gaps at junctions,i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle,Aluminium snap beading for glazing/panel ing, C.P. brass/stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge.(Glazing, panel ing and dash fasteners to be paid for separately)</p> <p>A Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)</p> <p>B For shutters of doors, windows and ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber /neoprene gasket required (Fittings shall be paid for separately).</p> <p>Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)</p>	3300	Kg			

		2200	Kg			
46	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item) : With float glass panes of 5.50 mm thickness	50	Sqm			
47	Add extra for providing and fixing frosted glass instead of float glass With glass panes of 5.50 mm thickness	50	Sqm			
48	Filling the gap in between aluminium frame and adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of . Engineer-in-charge complete.  Upto 5mm depth and 5 mm width	1200	metre			
49	Providing and fixing aluminium pull bolt lock anodised ISI marked (anodic coating not less than grade AC 10 as per IS:1868) trans parent or dyed to required colour and shade with necessary screws bolts, nut and washers etc. complete.	1200	each			
50	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or dash fastener shall be paid for separately).Kiln seasoned and chemically treated					

	Haldu, Kail, Bija wood.	8	cum			
51	<p>Providing and fixing IR marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters of such as duro board, century or equivalent make.</p> <p>35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.</p>	1200	Sqm			
52	<p>Providing and fixing aluminium sliding door bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete :</p> <p>A 9.109.2 250x16 mm</p> <p>B 9.109.1 300x16 mm</p>	186 20	each each			
53	<p>Providing and fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete</p> <p>250x10 mm</p>	200	each			
54	<p>Providing and fixing aluminium handles IS1 marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete: 125 mm</p>	412	each			

55	<p>Providing and fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete.</p> <p>Twin rubber stopper</p>	206	each			
56	<p>Brick work with fly ash lime bricks (FALG Bricks) conforming to IS:12894-2002, in super structure above plinth level up to floor II level in :</p> <p>Having 100kg/cm<sup>2</sup> average compressive strength</p> <p>Cement mortar 1:6 (1 cement : 6 sand)</p>	10	cum			
57	<p>Half brick masonry with fly ash lime Gypsum bricks (FALG bricks) conforming to IS : 12894, in super structure above plinth and upto floor two level.</p> <p>having 75kg/cm<sup>2</sup> average compressive strength</p> <p>Cement mortar 1 : 3 (1 cement : 3 sand)</p>	50	Sqm			
58	<p>Extra for providing and placing in position 2Nos. 8mm dia. M.S. bars at every third course of half brick masonry.</p>	50	Sqm			
59	<p>Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding including cost of binding wire up to floor two level including all wastage etc.complete. •</p> <p>Thermo-Mechanically Treated bars.(TMT</p>	800	Kg			
60	<p>Reinforced cement concrete work (with 20mm nominal size graded stone aggregate) in beams, suspended floors, roofs having slope of any degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level and up to floor two level excluding the cost of centering, shuttering, finishing and reinforcement in concrete grade. M 20 —Grade</p>					



	Concrete	10	cum			
61	Centering and shuttering including strutting, propping etc. and removal of form for :Suspended floors,roofs,landings,balconies and access platform.	100	sqm			
62	Providing and laying gang saw cut <b>18 mm thick</b> , mirror polished premoulded (wherever required) and pre polished machine cut granite stonework in flooring of required size shape of approved shade, color and texture in flooring laid over 20 mm thick base of cement mortar 1:4 (1 Cement: 4 sand) including grouting the joints with white cement mixed with matching pigments epoxy touch ups etc. complete as per direction of Engineer-in-Charge. Area of slab upto 0.50 sqm	50	sqm			
63	Providing and fixing 18mm thick gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement :4 sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing moulding and polishing to edge to give high gloss finish wherever required etc. complete at all levels. samples approved by Engineer-in-charge.  Granite of any colour and shade	50	Sqm			
64	Providing edge moulding to 18mm thick marble stone counters, Vanities, window sills etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.  Granite work.	200	Rm			

65	Extra for providing opening of required size and shape for wash basins/ kitchen sink in kitchen platform, vanity counters and similar location in marble/Granite/stone work including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	70	each			
66	Providing and fixing stone slab table rubbed on both faces edges rounded and polished of size as required and 1.8 cm thick fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finished smooth.  Granite Stone of approved shade.	10	sqm			
67	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 sand) 25 mm thick.(Area of slab to be over 0.25 sqm)	20	sqm			
68	Stone work (machine cut edges) for wall lining etc. (vener work) up to 10meter height backing filled with a grout of 12mm thick cement mortar 1:3 (1cement : 3sand) including pointing in white cement mortar 1 :2(1white cement:2 marble dust) with an admixture of pigment matching the stone shade:(To be secured to the backing by means of clamps ■, ' hid' shall be paid for separately) :  A Red sand stone - exposed face fine dressed with rough backing .70 mm thick.  B White sand stone - exposed face fine dressed with rough backing . 50 mm thick  C Red sand stone - Exposed face machine cut and table rubbed with rough backing. 60 mm thick.	35	Sqm			
		60	Sqm			
		25	Sqm			
69	Providing and laying digital print random design (PGVT)/(GVT) vitrified tiles in different sizes with water absorption less than 0.05% and conforming to IS:15622 of approved make in all colours & shades, 1st quality premium, including flouting the					

	<p>joints with white cement and matching pigments etc. complete. For floor glossy/rustic/satin/matt finish laid on 20mm thick cement mortar 1:4 (1 cement :4 sand)</p> <p>a) Size 600x600 mm thickness 9-10 mm</p>	3200	sqm			
70	<p>Providing and laying digital print random design (PGVT)/(GVT) vitrified tiles in different sizes with water absorption less than 0.05% and conforming to IS:15622 of approved make in all colours &amp; shades, 1st quality premium in skirting, riser, [aid on 12 mm thick cement mortar 1:3 (I cement: 3 Sand) including grouting the joints with white cement and matching pigments etc. complete.For Skirting, risers etc. glossy/rustic/satin /matt finish in allcolours and shades.</p> <p>a) Size 600x600 mm thikness 9-10 mm</p>	350	sqm			
71	<p>Water proofing treatment with APP (Atactic poly-propylene)modified Polymeric membrane over roof consisting of first coat of bitumen primer @ 0.40Kg per sqm, 2nd, 4th and 6th courses of bonding material @ 1.20Kg/sqm, which shall consist of blown type bitumen of grade 85,25 conforming to IS : 702, 3rd and 5th layers of roofing membrane APP modified Polymeric membrane 1.5mm thick of 2.25 Kg/sqm weight consisting of five layers prefabricated with centre core as 20niicron HMHDPE film sandwiched on both sides with polymeric mix and the polymeric mix is protected on both side with 20micron HMHDPE film. (with 5 years service guarantee)</p>	200	Sqm			
72	<p>Providing and laying Ceramic glazed floor tiles 300x300 mm or more (having thickness 6 to 7mm) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4(I Cement : 4 sand) including pointing the joints with white cement and matching pigment etc., complete</p>					

		400	sqm			
73	Providing and fixing Ceramic glazed wall tiles .300x450 mm or more (having thickness 6 to 7 mm) of 1st quality conforming to IS : 15622 of approved make in all Colours shades, Except burgundy, Bottle green, Black, laid on 12mm thick bed of Cement Mortar 1:3 (1 Cement : 3 sand) jointed with grey cement slurry @3.3 kg per sqm including pointing the joints with white cement and matching pigments etc., complete.	2200	sqm			
74	Providing and laying vitrified floor tiles multi/Double charged (Minimum top layer thickness 2.0 mm)Nano Polished self design, in different sizes with water absorption less than 0.05% and conforming to IS:15622 of approved make in all colours & shades, 1st quality/premium in flooring, laid on 20mm thick cement mortar 1:4(1cement:4Sand) including grouting the joints with white cement and matching ' pigments etc. complete. In light shade glossy/rustic/satin finished  (b) Size 800x800 mm thickness 11-12 mm	2000	Sqm			
75	Providing and laying vitrified floor-tiles Full Body Design Homogenous Body matt/rustic finish in different size with water absorption less than 0.05% and conforming to IS:15622 of approved make in all colours& shades, 1st quality/ premium quality in skirting, riser laid on 12mm thick cement mortar 1:4(1cement :4sand) including grouting the joints with white cement and matching pigments etc. complete	100	Sqm			
76	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :Water thinnable cement primer.	7500	Sqm			

77	Providing and applying white cement based putty of average thickness 1mm, of approved brand and manufacturer, Like birla white/JK white or equivalent, over the plastered wall surface to pre pare the surface even and smooth i/c all cost of material, labour and scaffold etc in all position complete.	7500	Sqm			
78	Wall painting with plastic emulsion paint of . approved brand and manufacture to give an even shade:Two or more coats on new work	6500	Sqm			
79	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade New work (Two or more coats applied @ 1.43ltr/ 10 sqm. over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm).	1000	Sqm			
80	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:. Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	1900	Sqm			
81	Applying priming coats with primer of approved brand and manufacture, having low VOC(Volatile Organic Compound) content.  With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre	800	Sqm			
82	Supplying and stacking of good earth at site including royalty if any and carriage (earth measured in stacks will be reduced by 20% for payment).	100	Sqm			
83	Supplying and stacking at site dump manure from approved source, including carriage (manure measured in stacks will be reduced by 8% for payment) :	45	Cum			
84	Providing and filling earth in required thickness as per the direction of officer in charge ( cost of sludge , dump manure and / or good earth to be paid separately)	75	Cum			
85	Mixing earth and sludge or manure in the required proportion specified or directed by the Officer-in-charge	75	Cum			
86	Providing and planting different variety of plants of approved quality and sizes as mentioned including making pits of required size at site, refilled					

	<p>with B.C. Soil mixture Mannering 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).</p> <p><b>A</b> Any of one from Plameriya alba, focus Benjameena, Malkikeya champa, Begnonia plumaric pudoca Plants (1.80mtrs to 2.10mtrs height.</p> <p><b>B</b> Any of one from Lantana VAR Red, Lantana Blue White, Hemelia Mini, Lantana varicated, Ticoma Redicens, Spi Oala, Golden Dunanta.(height 0.3 m to0.45 m)</p> <p><b>C</b> Any of one from Hibiscus Vice Rai, Gul Phinia, Bamboo Varicated, Chandani Vericated, Hamilia Pattern, Bouganvella, Canna Red/Yellow,Taqwamonasia. (height 0.3 m to 0.45 m)</p> <p><b>D</b> Any of one from Spathodia, Silver Oak, Thuja, Golden Bottle Brush, Exora Red. (height 0.45m to 0.60 m)</p> <p><b>E</b> Any of one from Glerodendron, Allamamala New, Allamanda Bail, Thima Bouganvella.</p> <p><b>F</b> Any of one from Climetics, Venentora. {height 0.3 m to 0.45 m}</p> <p><b>G</b> Foxtail Palm (1.80mtrs to 2.10mtrs height.)</p> <p><b>H</b> Cycus (1.80mtrs to 2.10mtrs height.)</p> <p><b>I</b> Ficus Varicated (1.80mtrs to 2.10mtrs height.)</p> <p><b>J</b> Casia Biflora (0.45mtrs to 0.60 mtrs height.)</p>	10	each			
		10	each			
		20	each			
		4	each			
		4	each			
		4	each			
		2	each			
		2	each			
		2	each			
		2	each			
		2	each			
87	Providing and laying below ground unplasti cised PVC pipe to with stand working pressure of 4 kg/cm2 sad waste pipes confirming to IS:135 92 and IS:4985 including jointing with seal ring confirming to IS:5282 leaving 10mni gap for thermal expansion all necessary fittings etc. complete. Excavation to be paidseperataly.200 mm diameter OD	100	Rm			
88	Providing and laying cement concrete 1:3:6 (1cement: 3 sand: 6 graded stone aggregate 20 mm nominal size) all-round PVC. pipes including bed concrete as per standard design 200 mm diameter PVC. pipe	100	metre			

89	<p>Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 sand ) R.C.C. top slab with Cement Concrete 1:2:4 mix (1 cement : 2 sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 sand : 8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1cement : 3 sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20mm ' nominal size) finished with a floating coat of neat cement complete as per standard design :</p> <p>Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) :With well burnt bricks</p>	10	each			
90	<p>Excavating trenches of required width for pipes,cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5m including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m : (No extra lift is payable if work is done by mechanical means)</p> <p>All kinds of soil Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia.</p>	100	Metre			
A	<b>TOTAL AMOUNT OF CIVIL WORKS</b>					

91	<p><b>B ELECTRICAL WORKS</b></p> <p>Supplying and fixing of approved make modular type metal box with modular frame/base plate and cover plate including fixing in concealed/surface excluding switch, socket etc. as required for:-</p> <p>A 3 Module</p> <p>B 4 Module</p> <p>C 6 Module</p> <p>D 8 / 9 Module</p> <p>E 12 Module</p> <p>F 18 Module</p>	50				
92	<p>Supplying and drawing single core PVC insulated cable FRLS with copper multi strand conductor ISI marked in existing rigid PVC casing and capping/conduit in surface or concealed as per specification.</p> <p>1 X 1.5 sq mm</p> <p>A (a) 1 X 1.5 sq mm</p> <p>B 1 X 2.5 sq mm</p> <p>(a) 1 X 2.5 sq mm</p> <p>C 1 X 4.00 sq mm</p> <p>(a) 1 X 4.00 sq mm</p>	1000	Per metre			
93	<p>Point wiring (excluding metallic switch box &amp; sheet but including switches, sockets) for 3 pin 6 Amp. Socket outlet point with 1.5Sq. mm. PVC insulated cable FR with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI marked of suitable size and 1.5 Sq. mm. PVC insulated copper earth continuity conductor of green colour inside conduit with required materials as</p>	150	each			



	per specification on same board .					
94	<p>16 Supplying and fixing PVC conduit ISI marked along with the accessories in concealed system etc. as required</p> <p>A PVC . Conduit 20 mm (HMS)</p> <p>B PVC . Conduit 25 mm (HMS)</p>	<p>200</p> <p>200</p>	<p>Metre</p> <p>metre</p>			
95	<p>Supplying of ISI Marked and accepted standard of Miniature Circuit Breaker (MCB) of 'C' series suitable for 240/415 Volts, 50 Cycle , 10 kA Value AC supply confirming to IS : 8828: 1996, IEC : 60898 :2002 but without enclosures :-</p> <p>A SINGLE POLE (SP)</p> <p>6 Amp to 32 Amp Rating</p> <p>B SINGLE POLE &amp; NEUTRAL (SPN)</p> <p>6 Amp to 32 Amp Rating</p> <p>C FOR TRIPLE POLE &amp; NEUTRAL (TPN)</p> <p>50 Amp to 63 Amp Rating</p>	<p>60</p> <p>10</p> <p>5</p>	<p>Each</p> <p>Each</p> <p>Each</p>			
96	<p>Supplying of MCB Isolators suitable for 240/ 415 Volts, 50 Hz AC supply with KA value rating 10 kA of approved make confirming to IS :13947-Part III : 1993 &amp; IEC :60947-3:2001 (without enclosures ) :-</p> <p>SINGLE POLE</p> <p>1 40 Amps.</p>	<p>10</p>	<p>Each</p>			
97	<p>Supplying of MCB Isolators suitable for 240/ 415 Volts, 50 Hz AC supply with KA value rating 10 kA of approved make confirming to IS :13947-Part III : 1993 &amp; IEC :60947-3:2001 (without enclosures ) :-</p> <p>SINGLE POLE</p> <p>1 40 Amps.</p>	<p>5</p>	<p>Each</p>			

98	<p>Supplying of approved make vertical TPN MCB DB metal double door IP 43 protection with provision for FP MCB/Isolator/RCCB/RCBO as incomer and SP/TP MCBs as outgoing inclusive of busbar, neutral bar, earth bar, &amp; two earth terminals etc. complete as per IS:13032(exclusive of MCB &amp; isolator)</p> <p>6 Way (8+18)</p>	5	Each			
99	<p>Supplying and fixing of Deluxe fresh air fan with louvers (ventilating fan ) with self closing louvers of decorative PVC blades mounting square frame of approved make complete with all necessary material as required</p> <p>250mm RPM1300/140</p>	40	Each			
100	<p>Supplying, erecting and testing of approved make Exhaust Fan heavy duty with mounting frame , blades AC 230-250 complete connection and including, frame bolt! Anchor hole fastners etc. complete finished of approved as required.</p> <p>450mm sweep 900 RPM</p>	5	Each			
101	<p>Supplying, erection and testing of approved make electric Ceiling fan of double ball bearing complete with standard down rod, canopy, hanging shackle, Aluminium blades, without regulator, A.C. 230-250 volts including connections with all necessary material complete of approved as required confirming to IS :374/1979 with up to date amendments.</p> <p>Ceiling Fan (5 star &amp; ISI)-1200 mm Sweep</p>	150	Each			
102	<p>Supplying and fixing as per specification Polycarbonate Batten Holder / Angle Holder of approved make with necessary materials complete</p>	200	Each			

103	<p>Supplying and fixing as per specification Switch. of approved make ISI marked with necessary material complete.</p> <p>A 6/10 Amps S.P.250 Volt Modular Switch</p> <p>B 20/16 Amps S.P.250 Volt Modular Switch</p>	2000	Each			
104	<p>Supplying and fixing as per specification socket outlet of approved make &amp; ISI marked with necessary material complete</p> <p>A 6Amp 250 Volt 3 / 5 Pin Flush type</p> <p>B 16 Amp 250 Volt 3 / 6 Pin Flush type</p>	200	Each			
105	<p>Supplying and fixing of approved make step type Modular electronic Fan regulator including connection etc. as required on existing board</p> <p>100 Watt (2 module)</p>	150	Each			
106	<p>Supply and fixing Led tube rod comprising of LED tube with non-integral/integral driver, up to 6500K color temp having 40000 burning hrs life with minimum @ L 70, system lumen output should be minimum with system efficacy &gt; 100 lm/Watt. LED driver PF &gt; 0.95 &amp; THD &lt; 20%. The colour rendering index of LED light should be more than 70. Submission LM 79-08/IS16106 (2012), IEC60598, IEC61347i/c connection wire, testing etc. to complete the job.</p> <p>1X 18/20/22W,integral</p>	200	Each			
107	<p>Supplying, Fixing and Testing of Compact Fluorescent Lamp (CFL) with inbuilt electronic ballast ISI marked BC /ES cap of approved make as required as per specification</p>	40	Each			

	A 20 Watt B 45 Watt C 85 Watt	80 30	Each each			
<b>B</b>	<b>TOTAL AMOUNT OF ELECTRICALS WORKS</b>					
	<b>TOTAL AMOUNT OF A+B</b>					

**Signature of Contractor/ Firm**

**Name :**

**Seal :**

**Date :**