INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR
KHARAGPUR, WEST BENGAL 721302

TENDER DOCUMENT

for

Construction of sports room and Gym room renovation at Patel Hall of Residence at IIT Kharagpur.
NIT No: IW/CE/NIT/22-23/075
## Contents

1. NOTICE INVITING TENDER.................................................................................................................. 2
   1.1. INTRODUCTION ........................................................................................................................ 2
   1.2. PARTICULARS ............................................................................................................................... 2
   1.3. ELIGIBILITY CRITERIA ................................................................................................................. 3

2. INFORMATION TO BIDDERS............................................................................................................... 4
   2.1. SCOPE OF WORK .......................................................................................................................... 4
   2.2. GENERAL INSTRUCTIONS ......................................................................................................... 4-5
   2.3. SUBMISSION OF TENDER ........................................................................................................... 5-6
   2.4. EVALUATION OF BIDS AND AWARD OF WORK ...................................................................... 6

3. UNDERTAKING BY THE BIDDER..................................................................................................... 7

Annexure(s)........................................................................................................................................ 8-10

4. Checklist for Documents to be uploaded on [https://eprocure.gov.in/eprocure/app](https://eprocure.gov.in/eprocure/app).............................................................................................................. 11

PRICE BID (SOQ).................................................................................................................................. 12-13
1. **NOTICE INVITING TENDER**

1.1. **INTRODUCTION**

Indian Institute of Technology (IIT) Kharagpur, hereinafter called IITKGP, invites online tenders from the eligible contractors for Construction of sports room and Gym room renovation at Patel Hall of Residence at IIT Kharagpur.

Particulars of the project are as following.

1.2. **PARTICULARS**

<table>
<thead>
<tr>
<th>1. NIT Number</th>
<th>IW/CE/NIT/22-23/075</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Name of Work</td>
<td>Construction of sports room and Gym room renovation at Patel Hall of Residence at IIT Kharagpur.</td>
</tr>
<tr>
<td>3. Location of Work</td>
<td>Hall of Residence at IIT Kharagpur</td>
</tr>
<tr>
<td>4. Estimated Cost (including 18% GST)</td>
<td>₹ 5,71,828.00/- (Rupees Five Lakhs Seventy One Thousand Eight Hundred Twenty Eight Only)</td>
</tr>
<tr>
<td>5. Earnest Money Deposit</td>
<td>₹ 11,437.00/- (Rupees Eleven Thousand Four Hundred and Thirty Seven Only) [Not mandatory for bidders registered under MSE category]</td>
</tr>
<tr>
<td>6. Time Limit for Execution</td>
<td>60 days from Date of Start.</td>
</tr>
<tr>
<td>7. Tender Basis and Mode</td>
<td>Two stage (Technical Bid &amp; Financial Bid)</td>
</tr>
</tbody>
</table>

8. **Mode of Payment to IITKGP (EMD)**

- i) Original Demand Draft/Pay Order or copy of valid registration certificate under MSE category has to be submitted physically at the office of CE on or before the due date/extended date of submission of bid.
- & Scanned copy of Demand Draft/Pay Order/Registration under MSE category has to be uploaded on [https://eprocure.gov.in/eprocure/app](https://eprocure.gov.in/eprocure/app)
- ii) Demand Draft/Pay order to be drawn in favor of IIT Kharagpur payable at Kharagpur.

9. **Date, Time & Venue of Pre-bid Meeting**

9TH Jan 2023 15:00hrs, CCM Meeting Room, 1st Fl, Old Bldg., IIT Kharagpur, Kharagpur-721302

10. **Closing Date & Time for Receipt of bids**

16th Jan 2023 upto 15:00hrs

11. **Date & Time for Opening of Technical Bid**

17th Jan 2023 at 15:30hrs

12. **Date & Time for Opening of Price Bid**

Shall be intimated to eligible bidders subsequently.

13. **Engineer-in-charge and contact details.**

Mr. S.K Biswas, Senior Executive Engineer,
Tel: 03222-82621, Email: skbiswas@adm.iitkgp.ac.in

14. **Address for tender issue, submission and opening**

Civil Construction & Maintenance Section, 1st Floor, Old Building, IIT Kharagpur, Kharagpur WB 721302

15. **Website for full and updated information**

[http://www1.iitkgp.ac.in/topfiles/tenders.php](http://www1.iitkgp.ac.in/topfiles/tenders.php); [https://eprocure.gov.in/eprocure/app](https://eprocure.gov.in/eprocure/app)

16. **Website for tender submission & processing**

[https://eprocure.gov.in/eprocure/app](https://eprocure.gov.in/eprocure/app)

17. **Hard copy submission of Technical Bid Documents**

Hard copy of the Technical Bid documents to be submitted at “Civil Construction & Maintenance Section, 1st Floor, Old Building, IIT Kharagpur, Kharagpur WB 721302” on or before 23rd Jan 2023
1.3. ELIGIBILITY CRITERIA

1.3.1. The bidder must be registered in appropriate class of works with Government organization like CPWD/ PWD/ MES or PSUs or those having experience in similar nature of works awarded by Government/ Semi Government Organizations/ Government Funded Autonomous Organization.

1.3.2. The bidder must have done at least 1 (ONE) similar work of value of 80% of the estimated cost or 2 (TWO) similar works for projects each of value 60% of the estimated cost or 3 (THREE) similar work for projects each of value 40% of the estimated cost with Government/ Semi-government/PSU/ Government Funded Autonomous Organization during last 7 (seven) years preceding last date of the month of tender submission.

Note:

(i) The estimated is ₹ 5,71,828.00 /-(Rupees Five Lakhs Seventy One Thousand Eight Hundred Twenty Eight Only)
(ii) The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to the last date of receipt of applications for tender.
(iii) Similar works shall mean: Construction/Repair and Renovation of Building /Other Civil Structure Work.

1.3.3. The bidder must be registered with appropriate Government authority as a bonafide business entity and must have GST registration certificate and Permanent Account Number of income tax.

1.3.4. The registrations and licenses should be valid during the execution phase.

1.3.5. The Average annual turnover of the bidder as per ITCC or profit & loss statement shall not be less than 30% of the estimated cost of project, not having incurred loss in more than two years, during last 5 years ending 31 Mar 2021. The documents submitted should be duly certified and audited by Chartered Accountant.

Copy to:

1) Registrar
2) Chief Engineer
3) Sr.EE(Civil/W&S)
4) Executive Engineer (Civil/E&M)
5) Assistant / Junior Engineer (Civil/ E&M)
6) Notice Board
7) Office file

On behalf of the Director, Indian Institute of Technology Kharagpur
2. INFORMATION TO BIDDERS

2.1 SCOPE OF WORK

2.1.1 The IITKGP intends for Construction of sports room and Gym room renovation at Patel Hall of Residence at IIT Kharagpur. The work consists of Construction of Sports and Renovation of Gym Room.

2.1.2 Constraint: The job needs to be executed in Hall area without causing any disturbances to the normal functioning of routine activities/road networks.

2.1.3 The vendor shall work out execution sequence and methodology with the approval of Engineer-in-Charge so as to complete the project within the envisaged time and the estimated cost, duly handling the constraint mentioned above.

2.2 GENERAL INSTRUCTIONS

2.2.1 Bidding documents are to be obtained electronically through websites: http://www1.iitkgp.ac.in/topfiles/tenders.php; https://eprocure.gov.in/eprocure/app

2.2.2 This bid document shall be read in conjunction with GCC (General Conditions of Contract) available on http://www1.iitkgp.ac.in/topfiles/tenders.php.

2.2.3 The bidder shall visit and inspect the site and obtain all information on his own responsibility and at own cost, which may be necessary for the purpose of quoting and submitting the tender. No excuse or ignorance as to site conditions and local information shall be accepted after awarding of the contract. Access to the site will be granted by the Engineer-in-charge on all working days within working hours with prior appointment.

2.2.4 IITKGP shall not provide any space at site for labour huts.

2.2.5 All clarifications about the tender shall be sought by bidder on or before pre-bid meeting. The bidders may make suggestions which shall be considered during the Pre Bid Meeting. Intending bidder(s) may also send their queries or suggestions, if any, through e-mail to the Engineer-in-charge on sskbiswas@adm.iitkgp.ac.in on or before 9TH Jan 2023, 14:30hrs. No queries shall be entertained after notification of replies to noteworthy queries received till the date of pre-bid meeting.

2.2.6 Completion certificate issued by Competent Authority will only be considered as credential. If the Completion certificate issued by Competent Authority does not reflect the type of work, then Final bill / Schedule of Quantity of the qualifying works also to be attached along with the Completion certificates. Certificate from private individuals / organizations for whom such works have been executed shall not be accepted.

2.2.7 The bidding document (consisting of specifications, the schedule of quantities of various types of items to be executed, the set of terms and conditions of the contract and other documents / drawings, if any), Addendum/Corrigenda, Clarifications to Pre-bid queries can be downloaded from the websites: ii)http://www1.iitkgp.ac.in/topfiles/tenders.php; iii)https://eprocure.gov.in/eprocure/app. Corrigenda, if any shall be published only on these websites sat any time before the closing time of tender. The institute shall not be responsible for any delay / difficulties / inaccessibility of downloading facility for any reason whatsoever. The tenderers who have downloaded the tender documents from website must visit the website and ensure that such addendum(s)/corrigendum(s) (if any) is also downloaded by them. This shall be the responsibility of the prospective registered bidders to check the website for any such corrigendum/addendum before closing time of tender and ensure that bid submitted by them are in accordance with all the corrigenda / addenda.

2.2.8 All costs, charges & expenses that may be incurred in connection with the preparation of his tender shall be borne by him and the Institute accepts no liability whatsoever therefore.

2.2.9 Rates quoted by the bidders (in the uploaded Excel Template having form of contract as "Percentage") shall be inclusive of GST (Goods and Services Tax - Central, State and Interstate) and all applicable taxes. Income Tax and all other statutory deductions like labour cess etc. will be deducted from the bill as per prevailing rules.

2.2.10 Exemption to IITKGP against any tax/ duty/ fee/ surcharge/ charge/ cost, if any, found applicable or sought later from IITKGP after award shall be passed on to IITKGP by the contractor without dispute.

2.2.11 IITKGP reserves the right to reject any or all of the bids without assigning any reason.

2.2.12 Bid Validity: Bid shall remain valid for 120 days from the date of submission.

2.2.13 Firm Price: Bidder’s quoted Rates/Prices for executing the activities under the Contract shall remain firm till completion of the entire work & shall not attract any escalation under any circumstances whatsoever.
2.2.14 If any information furnished by the bidder is found as false / fabricated, then his bid will be rejected and treated as cancelled. Even if such manipulation is detected at any stage after signing of the contract, it would lead to termination of the contract besides forfeiture of Earnest Money Deposit and liabilities towards prosecution. In such cases the bidder will be debarred from participation in future tendering process in IITKGP for next 01 (One) year.

2.2.15 Earnest Money Deposit (EMD): EMD of requisite amount and that in prescribed mode or proof of payment thereof shall be submitted with the Technical Bid as explained in section 1.2.8.

2.2.16 Refund / Conversion of Earnest Money Deposit: The Earnest Money received shall be refunded to the unsuccessful bidders without any interest upon executing the Contract Agreement by successful bidder. The Earnest Money Deposit of successful bidder shall be retained and converted into part of Security Deposit.

2.2.17 Forfeiture of Earnest Money Deposit: Earnest Money Deposit will be forfeited in any of the following cases:

- 2.2.17.1 The bidder withdraws / modifies his tender during the period of Bid Validity.
- 2.2.17.2 The bidder, in case of tie between lowest bids, refuse to submit revised offer.
- 2.2.17.3 The bidder does not accept the correction of arithmetical errors of his tender.
- 2.2.17.4 The bidder fails to deposit Performance Guarantee and information as per format given in GCC within the stipulated time period before award of the work.

2.3 SUBMISSION OF TENDER

2.3.1 Help for Contractors, FAQ, Information about DSC and Bidders Manual Kit containing the detailed guidelines for e-Procurement system are also available on Central Public Procurement Portal.[https://eprocure.gov.in/eprocure/app]

2.3.2 It is mandatory for all the bidders to have a valid Class-II/Class-III Digital Signature Certificate (in the name of person having power of attorney to sign the Bid) from any of the licensed Certifying Agency (Bidders can see the list of licensed CA's from the link www.cca.gov.in) to participate in e-Procurement of IIT KARAGPUR.

2.3.3 It is mandatory for the bidders to get their firm/company registered with e-procurement portal https://eprocure.gov.in/eprocure/app to have user ID & password.

2.3.4 Tender documents will be available online on website https://eprocure.gov.in/eprocure/app which can be downloaded free of cost.

2.3.5 Bidders may download and refer the "Instructions for Online Bid Submission" from (https://eprocure.gov.in/eprocure/app;jsessionid=2A56E1178EED5C7D8536175EFBB573C9F.eprocgep2?page=HelpForContractors&service=page).

2.3.6 The tender documents shall be submitted online in the prescribed format given on the websites and technical bids received online shall be opened as per NIT or Corrigendum thereof. No other mode of submission is acceptable. Detailed credentials as per the requirement of eligibility criteria and all tender papers except Bill of Quantities are to be submitted in "Technical Bid".

Bill of Quantities with rates duly filled in are to be submitted in the format provided online in the name of "Financial Bid". Hence, physical submission of the documents is limited to submission of MSE registration certificate as per provision given in sub-clause 1.2.5 of NIT & 2.2.15 of Information to Bidders.

Representative of the bidder, who chooses to attend, may attend the online opening of the technical bids on the scheduled date and time of Bid opening. However, such representatives shall be allowed to attend the opening of the Technical Bids, only, if such person presents the letter of authority issued in his name by the bidder on his letter head.

2.3.7 Bidders cannot submit the tender after the due date and time of e-bid submission. Time being displayed on Central Public Procurement Portal https://eprocure.gov.in/eprocure/app ("Server System Clock Time") shall be final and binding on the bidder. e-Bids are required to be submitted by bidders, only as per the Indian Standard Time (IST) and not the time as per their location/country.

2.3.8 The bidders are advised to submit their e-bids well before the e-bid due date. IIT KARAGPUR shall not be responsible for any delay in submission of e-bids for any reason including server and technical problems.

2.3.9 The Technical and Financial Bid shall be digitally signed by the Authorized Signatory of the bidder & submitted “on-line”. However, hard copies of the complete 'Technical Bid documents' shall be submitted in a sealed envelope super scribed with "Hard Copy of Technical Bid/Tender Documents for NIT No:
IW/CE/NIT/22-23/075 for the work: Construction of sports room and Gym room renovation at Patel Hall of Residence at IIT Kharagpur,” as prescribed in 1.2.17.

No price bid to be submitted offline. The authorized signatory of the bidder must be in possession of Power of Attorney before submitting the digitally signed bid online. Scanned copies of various documents can be prepared in .pdf file format.

2.3.10 Any tender received without original Earnest Money in the form as specified in clause 1.2.5 of tender documents shall not be considered and shall be summarily rejected.

2.3.11 IIT KHARAGPUR reserves the right to cancel the tenders before submission/opening of tenders, postpone the tender submission/opening date and to accept/reject any or all tenders without assigning any reasons thereof. IIT Kharagpur's assessment of suitability as per eligibility criteria shall be final and binding.

2.3.12 Tenderers may note that they are liable to be disqualified at any time during tendering process in case any of the information furnished by them is not found to be true. The decision of IIT Kharagpur in this regard shall be final and binding.

2.3.13 The EMDs shall be received at the Civil Construction & Maintenance Section, 1st Floor, Old Building, IIT Kharagpur, Kharagpur WB 721302, up to 15:00hrs 16th Jan 2023 or Corrigenda otherwise.

2.3.14 EMDs shall be submitted in an envelope super scribed “Construction of sports room and Gym room renovation at Patel Hall of Residence at IIT Kharagpur.” with the NIT NO: IW/CE/NIT/22-23/075

2.4 EVALUATION OF BIDS AND AWARD OF WORK

2.4.1 The Bid shall be opened electronically on the specified date and time of opening at the Office of CE, 1st Floor, Old Building, IIT Kharagpur, Kharagpur WB 721302 in the presence of willing bidders or their authorized representatives.

2.4.2 Date, time and place of opening of Financial Bid will be informed after evaluation of Technical Bid to the Technically Qualified Bidders.

2.4.3 Bids shall, first, be checked for payment of Earnest Money Deposit. Only those bids found to have duly paid/ submitted Earnest Money Deposit shall be considered for evaluation.

2.4.4 Evaluation of Technical Bid: The bids received will then be assessed on the eligibility criteria mentioned at Para 1.3 of Notice Inviting Tender. Bids found not meeting the eligibility criteria shall be considered non-responsive and shall be rejected summarily.

2.4.5 IITKGP retains the right to revert back to individual bidders with further clarifications / queries on the Technical Bid. The bidder has to respond to the queries within the specified time mentioned in the covering letter.

2.4.6 Date & time for opening of Financial Bid: The Financial bid or the Revised Financial Bids as the case may be will be opened on specified date and time, which will be intimated to the technically qualified bidders.

2.4.7 Evaluation of Financial Bids: The Financial Bid should contain the complete bid document with duly filled in Schedule of Financial Quote. Financial Bids opened as above will be checked for arithmetical errors.

2.4.8 The successful bidder shall be issued Letter of Acceptance (LOA) of the bid, and be required to furnish a Performance Guarantee as per General Conditions of Contract, Program Schedule with specific Milestones to be achieved as to complete the work within the stipulated time limit and details of his Technical Staff to be deployed as per ANNEXURE-I

2.4.9 Letter of Award shall be issued to the successful bidder. The Work Order will be issued only after receipt of the Performance Guarantee, along with Program Schedule and the details of Technical Staff to be deployed for the work.

2.4.10 Agreement (Contract) consisting of complete tender document including conditions, bill of quantities, technical proposal and specialized services, drawings, if any, and acceptance thereof together with any correspondence leading thereto, shall be drawn and signed with the awardee after issue of Work Order.

2.4.11 Date of start of work shall be reckoned from 7th day from the date of issue of “Letter of Acceptance”.
3. UNDERTAKING BY THE BIDDER

UNDERTAKING

I / We have read and examined the Tender document including terms & conditions, specifications, bill of quantities, drawings and designs, general rules & directions, General Conditions of Contract, Special Conditions of Contract and all relevant other documents, publications and rules referred to in the Conditions of Contract and all other contents in the tender documents for the work.

I / We, hereby tender for execution of the work specified for the Indian Institute of Technology Kharagpur within the time specified and in accordance in all respects with the specifications, designs, drawings and instructions in writing.

We agree to keep the tender open for 120 days from the last date of its submission and not to make any modifications in its terms and conditions. A sum of Rs. ____________ has been deposited in cash/ demand draft of a scheduled bank as earnest money. If I / we, fail to furnish the prescribed performance guarantee within prescribed period, I / we agree that the said Director, Indian Institute of Technology Kharagpur or his authorized officer shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I / we fail to commence work as specified, I / we agree that the Director, Indian Institute of Technology Kharagpur shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein.

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

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

Seal & Signature of Contractor
Postal Address

Dated

Witness

Address

Occupation
## TECHNICAL STAFF OF CONTRACTOR

<table>
<thead>
<tr>
<th>DISCIPLINE</th>
<th>NAME</th>
<th>QUALIFICATION</th>
<th>EXPERIENCE</th>
<th>CONTACT NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Project In-charge</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engineer - Structure and Civil Works</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engineer – Electrical &amp; Mechanical Works</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>In-charge - Safety, Health &amp; Environment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Seal & Signature of Contractor
UNDERTAKING FOR GCC COMPLIANCE

UNDERTAKING

We hereby undertake that we shall fulfill all the terms & conditions of GCC-IIT Kharagpur within the specified time frame, after the acceptance of our offer in case our offer is accepted; failing which IIT KCHARAGPUR may go ahead to take necessary action such as reporting the non-compliance to appropriate Government authorities and barring us from future participation in IIT KCHARAGPUR works.

Seal & Signature of Contractor

DATED:
Profit and Loss Summary statement of Last 5 Financial years
Approved through Chartered Accountants

TO WHOM IT MAY CONCERN

This is to certify that the total turnover and Profit/Loss summary of M/s ........................
.................................................................................................. having its registered office at
..................................................................................................
.................................................................................................. for last
five Financial years are as given below: -

<table>
<thead>
<tr>
<th>Description</th>
<th>Financial years</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2016-17</td>
</tr>
<tr>
<td>Annual Turnover from Operations</td>
<td></td>
</tr>
<tr>
<td>Profit (+)/Loss (-) After Tax</td>
<td></td>
</tr>
</tbody>
</table>

The above is true to the best of our knowledge and belief.

(TO BE VERIFIED BY Chartered Accountants)
4. Checklist for Documents to be uploaded on [https://eprocure.gov.in/eprocure/app](https://eprocure.gov.in/eprocure/app)

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Documents</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Tender Documents</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>EMD</td>
<td>1.2.5</td>
</tr>
<tr>
<td>3.</td>
<td>Document support of Bonafide Business Entity</td>
<td>1.3.3</td>
</tr>
<tr>
<td>4.</td>
<td>GST Registration Certificate</td>
<td>1.3.3</td>
</tr>
<tr>
<td>5.</td>
<td>Permanent Account Number</td>
<td>1.3.3</td>
</tr>
<tr>
<td>6.</td>
<td>Average annual turnover of the bidder as per ITCC or profit and loss statement for last 5 years</td>
<td>1.3.5</td>
</tr>
<tr>
<td>7.</td>
<td>Experience Certificate</td>
<td>1.3.2</td>
</tr>
<tr>
<td>8.</td>
<td>ANNEXURES-I,II,III</td>
<td>8-10</td>
</tr>
<tr>
<td>9.</td>
<td>SOQ</td>
<td>12-13</td>
</tr>
</tbody>
</table>
### CIVIL CONSTRUCTION & MAINTENANCE SECTION

#### IIT Kharagpur

**Name of Work:- Construction of sports room and Gym room renovation at Patel Hall of Residence at IIT Kharagpur**

<table>
<thead>
<tr>
<th>Sl No</th>
<th>Description of Items</th>
<th>Unit</th>
<th>Qty</th>
<th>Amount (Rs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Earth work in excavation by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.</td>
<td>Cu.M</td>
<td>6.66</td>
<td>1680.32</td>
</tr>
<tr>
<td>2</td>
<td>Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.</td>
<td>Cu.M</td>
<td>1.98</td>
<td>3867.04</td>
</tr>
<tr>
<td>3</td>
<td>Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to any level.(ii)1:2:4 (1 cement : 2 coarse sand (zone-III) :4 graded stone aggregate 20 mm nominal size).</td>
<td>Cu.M</td>
<td>6.40</td>
<td>43447.04</td>
</tr>
<tr>
<td>4</td>
<td>Brick work with clay fly ash F.P.S. (non modular) brick of class designation 7.5 in superstructure above plinth level up to floor five level in :Cement mortar 1:6 (1 cement : 6 coarse sand).</td>
<td>Cu.M</td>
<td>22.80</td>
<td>176766.12</td>
</tr>
<tr>
<td>5</td>
<td>Half brick masonry with non modular fly ash bricks of class designation 10, conforming ISO :12894, in super structure above plinth and upto floor V level.Cement mortar 1 : 4 (1 cement : 4 coarse sand)</td>
<td>SqM</td>
<td>72.49</td>
<td>66473.33</td>
</tr>
<tr>
<td>6</td>
<td>(ii)20 mm cement plaster of mix :1:6 (1 cement: 6 sand)</td>
<td>SqM</td>
<td>214.49</td>
<td>74138.47</td>
</tr>
<tr>
<td>7</td>
<td>Neat cement punning.</td>
<td>SqM</td>
<td>81.80</td>
<td>5132.95</td>
</tr>
<tr>
<td>8</td>
<td>Artificial stone in floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/sq.m all complete including all materials and labour.In ground floor.3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement).Using grey cement(b) 35 mm. thick</td>
<td>SqM</td>
<td>89.19</td>
<td>29254.32</td>
</tr>
<tr>
<td>9</td>
<td>Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.</td>
<td>SqM</td>
<td>219.82</td>
<td>25312.27</td>
</tr>
<tr>
<td>10</td>
<td>(i) Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer.</td>
<td>SqM</td>
<td>143.66</td>
<td>8619.60</td>
</tr>
<tr>
<td>11</td>
<td>Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)</td>
<td>SqM</td>
<td>76.16</td>
<td>12543.55</td>
</tr>
<tr>
<td>12</td>
<td>Distempering with 1st quality acrylic distemper, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour.(iii)Two coats.</td>
<td>SqM</td>
<td>227.94</td>
<td>18668.29</td>
</tr>
<tr>
<td></td>
<td>Description</td>
<td>SqM</td>
<td>Rate</td>
<td>Amount</td>
</tr>
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<td>---</td>
<td>------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>13</td>
<td>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</td>
<td>12.24</td>
<td>2168.32</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Renewing glass panes, with putty and nails wherever necessary including racking out the old putty. a) Float glass panes of thickness 4 mm.</td>
<td>4.54</td>
<td>4042.87</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Providing and fixing ISI 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: 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.</td>
<td>4.80</td>
<td>8735.04</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>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 grams per sqm 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 during 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 55 mm) 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.</td>
<td>33.00</td>
<td>20709.15</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes.</td>
<td>263.12</td>
<td>37744.56</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.</td>
<td>242.69</td>
<td>20883.47</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>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.</td>
<td>67.50</td>
<td>2632.50</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.</td>
<td>0.50</td>
<td>734.95</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Applying 2 coats of bonding agent with synthetic multi functional rubber emulsion having adhesive and water proofing properties by mixing with water in proportion (1 bonding agent : 4 water : 6 cement) as per Manufacturer's specification.</td>
<td>67.50</td>
<td>6719.33</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Hacking of CC flooring including cleaning for surface etc. complete as per direction of the Engineer-in-Charge.</td>
<td>51.34</td>
<td>128.35</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete</td>
<td>100.44</td>
<td>1426.25</td>
<td></td>
</tr>
</tbody>
</table>

Total: 571828.09

Say Rs 5,71,828.00