



भारतीय प्रौद्योगिकी संस्थान हैदराबाद  
Indian Institute of Technology Hyderabad

## NOTICE INVITING TENDER (NIT)

***Name of the work: Annual Rate Running Contract for Repair, Maintenance & Miscellaneous Civil Works including Plumbing, Sanitary, Carpentry and Civil Maintenance Services for Hospital, MSH, Admin, KRC, RCC, Core Labs, Central Workshop Sheds and other Zone-2 jurisdiction buildings at IIT Hyderabad, Kandi (2<sup>nd</sup> Call).***

  
10/07/2026  
**Executive Engineer (Civil)**  
**IIT Hyderabad**

# INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD

## NOTICE INVITING TENDER

### **NIT Reference No. IITH/CMD/CIV/2026-27/NIT-12 (2<sup>nd</sup> Call)**

Indian Institute of Technology Hyderabad invites on behalf of President of India online bids **(e-tender)** ~~Item rate/percentage rate~~-tenders from approved and eligible Civil contractors of CPWD and those of appropriate list of M.E.S., BSNL, Railway and State P.W.D. (R&B) OR Working Civil Contractors of IIT Hyderabad for the below mentioned work.

**The enlistment of the contractors should be valid on the last date of submission of bid.**

**Copy of valid contractor's registration certificate, PAN card, GST Registration certificate & GSTIN should accompany the Technical Bid.**

**The Working Civil Contractors of IIT Hyderabad are eligible, those who are executed any Civil Works at IIT Hyderabad for the works costing equal to OR more than the Estimated Cost Put to Tender (ECPT) of this work.**

|      |                                                                                       |                                                                                                                                                                                                                                                                                                                                        |
|------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.1  | NIT No.:                                                                              | <b>IITH/CMD/CIV/2026-27/NIT-12 (2<sup>nd</sup> Call)</b>                                                                                                                                                                                                                                                                               |
| 1.2  | Name of Work:                                                                         | <b><i>Annual Rate Running Contract for Repair, Maintenance &amp; Miscellaneous Civil Works including Plumbing, Sanitary, Carpentry and Civil Maintenance Services for Hospital, MSH, Admin, KRC, RCC, Core Labs, Central Workshop Sheds and other Zone-2 jurisdiction buildings at IIT Hyderabad, Kandi (2<sup>nd</sup> Call).</i></b> |
| 1.3  | <b>Estimated Cost Put to Tender (ECPT):</b><br><i>(given merely as a rough guide)</i> | <b><i>Rs. 23,79,813/-</i></b>                                                                                                                                                                                                                                                                                                          |
| 1.4  | Earnest Money Deposit (EMD):                                                          | <b><i>Rs. 47,600/-</i></b>                                                                                                                                                                                                                                                                                                             |
| 1.5  | Period of Completion:                                                                 | <b><i>365 days</i></b>                                                                                                                                                                                                                                                                                                                 |
| 1.6  | Date of Online Publication of Tender                                                  | <b><i>10/07/2026 @1500hrs</i></b>                                                                                                                                                                                                                                                                                                      |
| 1.7  | Date of Downloading of Tender                                                         | <b><i>10/07/2026 @1530hrs</i></b>                                                                                                                                                                                                                                                                                                      |
| 1.8  | Last Date for Submission of Bids                                                      | <b><i>18/07/2026 @1500hrs</i></b>                                                                                                                                                                                                                                                                                                      |
| 1.9  | Date and time of Opening of Technical Bids                                            | <b><i>20/07/2026 @1530hrs</i></b>                                                                                                                                                                                                                                                                                                      |
| 1.10 | Date and time of Opening of Financial Bids                                            | <b><i>21/07/2026 @1530hrs</i></b>                                                                                                                                                                                                                                                                                                      |
| 1.11 | Cost of Bid Document:                                                                 | <b><i>NIL</i></b>                                                                                                                                                                                                                                                                                                                      |

## **Instructions to the Bidders for Online Bid Submission**

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

### **REGISTRATION**

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “**Online bidder Enrollment**” on the CPP Portal which is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g., Sify / nCode / eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

### **SEARCHING FOR TENDER DOCUMENTS**

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e- mail in case there is any corrigendum issued to the tender document.
- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

## **PREPARATION OF BIDS**

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g., PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” or “Other Important Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

**Note:** *My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.*

## **SUBMISSION OF BIDS**

- 1) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e., on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as “offline” to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4) Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date and time of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise, the uploaded bid will be rejected.
- 5) ***Tenders without valid EMD will be summarily rejected. No exemption of EMD's or process fee for MSME/NSIC registered contractors.***

- 6) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- 7) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 8) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128-bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 9) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 10) Upon the successful and timely submission of bids (i.e., after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 11) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

#### **ASSISTANCE TO BIDDERS**

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

## NOTICE INVITING TENDER

**NIT Reference No. IITH/CMD/CIV/2026-27/NIT-12 (2<sup>nd</sup> Call)**

1. Bidders shall produce definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below:-

Criteria of eligibility for submission of tender documents apart from basic eligibility:

***Three similar works each of value not less than 40% of estimated cost  
(OR)***

***Two similar works each of value not less than 60% of estimated cost  
(OR)***

***One similar work of value not less than 80% of estimated cost (rounded to nearest Rs. 10 lac) in last 7 (Seven) years ending last day of the month previous to the one in which the tenders are invited.***

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 submission of tender.

***“Similar Work” shall mean “Construction of RCC framed Buildings OR Masonry Compound walls OR Precast Buildings OR Precast Compound Walls OR Structural Steel Buildings or Precast Structures or Pre-engineered/ Prefabricated Buildings etc. OR Civil Rate Running /Maintenance Contracts of Institutional/Residential bldgs. OR Annual Civil Maintenance, Routine and Special Repair works in Institutional/Residential bldgs.***

***The intending bidders has to submit the Similar work experience certificate furnishing with all details of the format provided at Annexure – B.***

2. ***The bidder should have had average annual financial turn over (gross) of Rs. 19.10 Lakh on similar works during the last three Consecutive years ending March 2025, Balance sheets should be duly audited by Chartered Accountant. Year in which no turnover is shown would also be considered for working out the average. (Scanned copy of Audited Balance Sheet to be uploaded).***
3. ***Bidder has to submit tax returns filed for the firm during last three years ending 31st March 2025 (Scanned copy of returns filed to be uploaded).***
4. ***Should not have incurred any loss (profit after tax should be positive) in more than two years during the last five consecutive years ending 31st March 2025, duly audited and certified by the Chartered Accountant.***
5. ***Should have a Net worth certificate of Rs. 2.40 Lakh (Net worth certificate of Rs. 2.40 Lakh issued by certified Chartered Accountant with UDIN as per Format prescribed in Form B-1 of CPWD SOP 2024 at page No.214).***
6. To become eligible, the tenderer shall have to furnish an affidavit as per Form ‘J’ of the NIT.
7. Agreement shall be drawn with the successful tenderer on prescribed Form which is available in the website: [https://drive.google.com/file/d/19\\_LkFZ1IeQb\\_3BznXQtinslcLISYVdbo/view](https://drive.google.com/file/d/19_LkFZ1IeQb_3BznXQtinslcLISYVdbo/view) (with up-to-date correction slips if any and additional conditions are enclosed as annexure –

I) Tenderer shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.

8. The time allowed for carrying out the work will be as stated at para 1 from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.
9. The site for the work is available.
10. Tender documents consisting of plans, specifications, the schedule of quantities of the various classes of work to be done and the set of terms & conditions of contract to be complied with by the contractor whose tender may be accepted and other necessary documents can be seen for information at the above-mentioned website.
11. Applicants are advised to keep visiting the above-mentioned website from time to time (till the deadline for bid submission) for any updates in respect of the tender documents, if any. Failure to do so shall not absolve the applicant of his liabilities to submit the applications complete in all respects including updates thereof, if any. An incomplete application may be liable for rejection.
12. ***The contractor whose tender is accepted, will be required to furnish PG shall be 5% of the Estimated cost put to tender (ECPT) or contract amount whichever is higher, or as prescribed from time to time, to be submitted in the form as prescribed in GCC. Performance Guarantee shall remain valid for a minimum period of six months beyond the date of completion of all contractual obligations as per GCC. In case of contracts where supplementary agreement is drawn, the fresh PG shall be obtained from the contractor @ 5% of the amount of the supplementary agreement or as prescribed from time to time. The PG received against the original work shall be released as per contract conditions.*** This guarantee shall be in the form of Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any scheduled bank or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F'. including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.

**A bid will be treated as abnormally low if the quoted bid amount is lesser than 80% of the estimated cost put to tender.**

**Requirement of Additional Performance Guarantee (APG): In case of abnormally low bids as defined above, the bidder shall be required to submit Additional Performance Guarantee (APG) in addition to the standard Performance Guarantee (PG). The amount of Additional Performance Guarantee (APG) shall be equivalent to the difference between the 80% amount of ECPT and quoted amount. (e.g. if ECPT is A and quoted amount is 0.7A then the amount of APG shall be  $0.8A - 0.7A$ ).**

**The Additional Performance Guarantee (APG) shall be in the prescribed format of Performance Guarantee and has to be submitted within the time frame prescribed for submission of Performance Guarantee. The other terms and conditions of release etc. of APG shall be same as that of PG.**

13. The description of the work is as follows:

***Annual Rate Running Contract for Repair, Maintenance & Miscellaneous Civil Works including Plumbing, Sanitary, Carpentry and Civil Maintenance Services for Hospital, MSH, Admin, KRC, RCC, Core Labs, Central Workshop Sheds and other Zone-2 jurisdiction buildings at IIT Hyderabad, Kandi.***

Copies of other drawing and documents pertaining to the works will be open for inspection by the tenderers at the office of above-mentioned officer.

Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

14. Tenders with any condition including that of conditional rebates shall be rejected forthwith.

15. Cost of Bid document and EMD may also be remitted to Institute's account number as per bank particulars given below:

|                            |                                                                             |
|----------------------------|-----------------------------------------------------------------------------|
| Name of the Account Holder | : Indian Institute of Technology Hyderabad                                  |
| Account Number             | : 30412797764 (Current Account)                                             |
| Name of the Bank           | : State Bank of India                                                       |
| Address of the Bank        | : IIT Kandi, IIT Hyderabad Campus,<br>Kandi, Sangareddy, Telangana - 502284 |
| Branch code                | : 14182                                                                     |
| IFSC code                  | : SBIN0014182                                                               |
| MICR code                  | : 502002528                                                                 |
| SHIFT code                 | : SBININBB762                                                               |

16. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without the assignment of any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.

17. Canvassing whether directly or indirectly, in connection with tenderers is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.

18. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
19. The contractor shall not be permitted to tender for works if his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Institute.
20. No Engineer of gazette rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractor's service.
21. The tender for the works shall remain open for acceptance for a period of one hundred and twenty (90) days from the date of opening of tenders/Sixty days (60) from the date of opening of financial bid in case tenders are invited on 2/3 envelop system (strike out as the case may be) if any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tenderer shall not be allowed to participate in the retendering process of the work.
22. **(A) All taxes, Labour Cess etc., as applicable shall be borne by the contractor himself. The contractor shall quote his rates considering all such taxes including GST on works. Any recovery towards GST is notified by the competent authority, the same shall be effected and no claim what so ever shall be entertained by IITH. The contractor shall quote his rates accordingly.**
- (B) 2% as TDS amount of GST amount payable on the bills will be deducted as per the Govt. of India, Ministry of Finance, Department of Revenue notification vide No.65/39/2018-DOR, dtd: 14-09-2018.**
23. ***GST registration certificate of the state in which the work is to be taken up, if already obtained by the bidder.***

***If the bidder has not obtained GST registration in the state in which the work is to be taken up or as required by GST authorities, then in such a case the bidder shall scan and upload following under taking along with other bid documents.***

***“If the work awarded to me, I/We shall obtain GST registration certificate of the state, in which work is to be taken up, within one month from the date of receipt of award letter or before release of any payment by IIT Hyderabad,***

***whichever earlier, failing which I/We shall responsible for any delay in payments which will be due towards me/us on a/c of the work executed and/or for any action taken by IIT Hyderabad or GST department in this regard.”***

**24. Bidder has to submit Undertaking on their letter head pursuant to the Section 206AB (as applicable) of the Income Tax Act, 1961 in prescribed format as enclosed at Annexure-A along with each and every bill submitted for payment.**

**25.** This notice inviting Tender shall form a part of the contract document. The successful tenderer/contractor, on acceptance of his tender by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-

- a) The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.
- b) Standard Contract form (General Conditions of Contract) as posted in the website of the Institute. The bidder is deemed to have gone through and understood the Standard Contract Form and the General Conditions of Contract.

**26. Public Procurement (Preference to Make in India), Order 2017:**

IIT Hyderabad shall compare all substantially responsive bids to determine the lowest valued bid. This Institute is following and abiding with the ***Public Procurement (Preference to Make in India), Order 2017, DIPP, MoCI Order No. P-45021/2/2017-B.E. II dated 15th June 2017*** and its subsequent amendments. Accordingly, preference will be given to the Make in India products while evaluating the bids, however, it is the sole responsibility of the bidder(s) to specify the product quoted by them is of Make in India product along with respective documentary evidence as stipulated in the aforesaid order in the technical bid itself.

As per the above order and its subsequent amendments “Local Content” means the amount of value added in India which shall be value of the item procured (excluding net domestic indirect taxes) minus the value of the imported content in the item (including all the custom duties) as a proportion of the total value, in percent. Accordingly, the suppliers will be classified in following categories.

Class I local Supplier – has local content minimum 50%

Class II local Supplier – has local content minimum 20%

**Verification of Local Content:** The Class I Local Supplier /Class II Local Supplier at the time of bidding shall be required to indicate the percentage of local content and provide **self- certification as per Annexure-C** that the items offered meet the local content requirement. The details of the location(s) at which the local value addition is made also needs to be specified.

In case of procurement in excess of Rs.10 crores, the suppliers shall be required to provide the certificate from the Statutory auditor or cost auditor of the company giving the percentage of local content.

**The bidders can be debarred for a period up to two years as per Rule 151(iii) of GFR 2017, in case of false declaration.**

  
10/07/2026  
**Executive Engineer (Civil)**  
**IIT Hyderabad**

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(Signature of bidder)

**FORM 'J'****AFFIDAVIT**

I/we undertake and confirm that our firm/partnership firm has not been blacklisted by any state/Central Departments/PSUs/Autonomous bodies during the last 7 years of its operations. Further that, if such information comes to the notice of the department, then I/we shall be debarred for bidding in IIT Hyderabad in future forever. Also, if such information comes to the notice of IIT Hyderabad on any day before date of start of work, the Engineer-in-charge shall be free to cancel the agreement and to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee (Scanned copy of this notarized affidavit to be uploaded at the time of submission of bid)

***NOTE: Affidavit to be furnished on a 'Non-Judicial' stamp paper worth Rs.100/-***

Signature of Bidder(s) or an authorized Officer of the firm with stamp

Signature of Notary with seal

## **BRIEF DETAILS ABOUT IIT HYDERABAD CAMPUS AND CIVIL MAINTENANCE ZONES**

IIT Hyderabad started functioning since August 2008 from its temporary campus located in Sangareddy district. IIT Hyderabad wishes to make a dream campus, a campus that is built on state-of-the-art professional strategies of planning, architecture, design and construction, with equal emphasis on aesthetics, safety and comfort. It must stand befitting the status of a premier institute, offering a role model for other campuses to emulate. The infrastructure of the campus shall be so developed that it allows natural opportunities for interaction between academics of different disciplines to come together and undertake research on cutting edge interdisciplinary domains.

IIT Hyderabad is planned as a residential campus built on an area around 600 acres to eventually accommodate a total population of 30,000, including 20,000 students with a total built up area of 2.1 million square meters. The campus consists of academic area, residential area for students, residential area for faculty and staff and other support facilities.

The growth of the campus is planned in phases with a corresponding increase in the physical infrastructure and support facilities to accommodate an increase in the number of students in established programs and new programs of the future. IIT Hyderabad campus is envisioned as township that will be self-contained and based on concepts of sustainable development and living.

The master plan for IIT Hyderabad campus has been developed with modular flexibility for expansion to accommodate the future growth.

Phase-1 Campus Construction was started in January 2012 and completed in April 2019 and Phase-2 Campus Construction has been started in March 2019 and completed in October 2025.

For efficient administration, monitoring and execution of Civil maintenance services, the Institute/Campus is divided into the following maintenance zones:

### **Zone-1: Residential and Support Facilities Zone:**

- Faculty Towers FT-1, FT-2 and FT-3
- Staff Towers ST-1 and ST-2
- International Guest House (IGH)
- Centre for Continuing Education (CCE)/Convention Centre (CC)
- Technology Research Park (TRP)
- Technology and Innovation Park (TIP)
- School building
- Badminton Shed & Swimming Pool Shed
- PG Labs
- Other Utility buildings and Infrastructure facilities under Zone-1 jurisdiction.

**Zone-2: Hospital and Research Facilities Zone:**

- Hospital Building
- Married Student Housing (MSH)
- Administrative Building
- Knowledge Resource Centre (KRC)
- Research Centre Complex (RCC)
- Core Labs
- Central Workshop Sheds and associated facilities
- Old Sports Facilities
- Badminton Shed near old hostels
- Other Utility buildings and Infrastructure facilities under Zone-2 jurisdiction.

**Zone-3: Academics & Sports Zone:**

- Academic Buildings AD-1, AD-2, AD-3 and AD-4
- Department of Design (DOD)
- Lecture Hall Complex (LH)
- SNCC and associated facilities
- Other Utility buildings and Infrastructure facilities under Zone-3 jurisdiction.

**Zone-4: Hostel and Student Amenities Zone:**

- Ten (10) Old Hostels
- Eight (08) New Hostels
- Four (04) Precast Hostels
- Kapila Hostel Block
- Old and New Dining Halls
- STP-1
- SV-21 and SV-22
- WTP
- Cafeteria and associated facilities
- Other Utility buildings and Infrastructure facilities under Zone-1 jurisdiction.

**Checklist of documents to be submitted along with Technical Bid**

| <b>Sl. No.</b> | <b>Doc Ref</b>                                                                                                                                                                                                                                         | <b>Description of the Document</b>                                                                                                                                                                                                                                                                             | <b>Enclosed Yes/No</b> | <b>Remarks</b> |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------|
| 1              | As per GCC, Applicant shall submit the documents for Technical scrutiny                                                                                                                                                                                | Copy of valid contractor's registration certificate, PAN card, GST Registration certificate & GSTIN should accompany the Technical Bid                                                                                                                                                                         |                        |                |
| 2              | As per NIT: Registration of Contractors                                                                                                                                                                                                                | CPWD and those of appropriate list of M.E.S., BSNL, Railway and State P.W.D. (R&B)<br>(OR)<br>Working Civil Contractor at IIT Hyderabad, who completed the civil works at IIT Hyderabad for the works costing equal to or more than ECPT shall be enclosed with work completion certificate as issued by IITH. |                        |                |
| 3              | As per NIT: Eligible Contractors                                                                                                                                                                                                                       | Date of Validity of Enlistment                                                                                                                                                                                                                                                                                 |                        |                |
| 4              | Details of Works completed during last 7 years<br><i>(Detailed statements to be enclosed)</i><br><i>The intending bidders has to submit the Similar work experience certificate furnishing with all details of the format provided at Annexure – B</i> | Not less than 40% of estimated cost (Three similar works)                                                                                                                                                                                                                                                      |                        |                |
|                |                                                                                                                                                                                                                                                        | Not less than 60% of estimated cost (Two similar works)                                                                                                                                                                                                                                                        |                        |                |
|                |                                                                                                                                                                                                                                                        | Not less than 80% of estimated cost (One Similar work)                                                                                                                                                                                                                                                         |                        |                |
| 5              | As per the NIT (Affidavit)                                                                                                                                                                                                                             | The tenderer shall have to furnish an affidavit in prescribed format. (Form J)                                                                                                                                                                                                                                 |                        |                |
| 6              | As per Para No. 1.4 of NIT                                                                                                                                                                                                                             | Cost of EMD                                                                                                                                                                                                                                                                                                    |                        |                |
| 7              | As per Sl. No.23 of NIT                                                                                                                                                                                                                                | Undertaking for GST registration in the state in which the work is to be taken up                                                                                                                                                                                                                              |                        |                |
| 8              | As per Sl. No. 24 of NIT                                                                                                                                                                                                                               | Undertaking pursuant to Section 206AB (as applicable) of the Income Tax Act, 1961 (Proforma enclosed as Annexure-A)                                                                                                                                                                                            |                        |                |
| 9              | As per Sl. No. 26 of NIT                                                                                                                                                                                                                               | Self-certification for Declaration of Local Content (Proforma enclosed as Annexure-C)                                                                                                                                                                                                                          |                        |                |

|    |                                                                                                    |                                                                                                                                                                                                                                                                                     |   |  |
|----|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| 10 | Eligibility criteria for financial eligibility and submission of Annual Turnover related documents | Average annual financial turn over (gross) of Rs. 19.10 Lakh on similar works (Scanned copy of Audited Balance Sheet to be uploaded)                                                                                                                                                |   |  |
| 11 | Eligibility criteria for financial eligibility and submission of Profit and Loss Statements        | Should not have incurred any loss (profit after tax should be positive) in more than two years during the last five consecutive years ending 31st March 2025, duly audited and certified by the Chartered Accountant to be uploaded. (Scanned copy of returns filed to be uploaded) | . |  |
| 12 | Eligibility criteria for financial eligibility and submission of Net Worth Certificate             | Should have a Net worth certificate of Rs. 2.40 Lakh. (Net worth certificate of Rs. 2.40 Lakh issued by certified Chartered Accountant with UDIN as per Format prescribed in Form B-1 of CPWD SOP 2024 at page No.214)                                                              |   |  |

**On Contractor/ Agency's Letter Head**

**Undertaking pursuant to Section 206AB (as applicable) of the Income Tax Act, 1961**

**To,**  
**The Registrar**  
**IIT Hyderabad**  
**Kandi, Sangareddy- 502284.**

**Dear Sir/Madam,**

**Subject:** Declaration confirming filing of Income Tax Return for immediate two preceding years.

I, Ms./Mrs./Mr. \_\_\_\_\_ in capacity of Authorized Signatory of \_\_\_\_\_ having PAN \_\_\_\_\_ and registered office at \_\_\_\_\_ do hereby declare that \_\_\_\_\_ has filed Income Tax Returns for immediately last 2 preceding Financial Years as mentioned below per due dates under Section 139 (1) of the Income Tax Act, 1961 ('the Act') and details of which are as given under:

| <b>Financial Year for which Income Tax Return was due as per Section 139(1)</b> | <b>Acknowledgement no. of ITR filed under Section 139(1)</b> | <b>Date of Filing</b> |
|---------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------|
| 2024-25<br><i>(if applicable on date of this declaration)</i>                   |                                                              |                       |
| 2023-24                                                                         |                                                              |                       |
| 2022-23                                                                         |                                                              |                       |

Further, I confirm that \_\_\_\_\_ has linked the above PAN with Aadhaar number as on this date.

I also undertake that \_\_\_\_\_ hereby indemnify **Indian Institute of Technology Hyderabad** for any loss/liability (including any Tax, interest, penalty, etc.) that may arise due to incorrect reporting of above information.

**For** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Name of person:**

**Designation:**

**Place:**

**Date:**

## **PROFORMA OF SCHEDULES**

### **SCHEDULE 'A'**

Schedule of quantities (Enclosed): As enclosed at Page No ..... to.....

### **SCHEDULE 'B'**

Schedule of materials to be issued to the contractor

| Sl. No.                | Description of item | Quantity | Rates in figure & words at which the material will be charged to the Contractor | Place of issue |
|------------------------|---------------------|----------|---------------------------------------------------------------------------------|----------------|
| ..... <b>NIL</b> ..... |                     |          |                                                                                 |                |

### **SCHEDULE 'C'**

Tools and plants to be hired to the contractor

| Sl. No.                | Description | Hire Charges per day | Place of issue |
|------------------------|-------------|----------------------|----------------|
| ..... <b>NIL</b> ..... |             |                      |                |

### **SCHEDULE 'D'**

Extra schedule for specific requirements/documents for the work, if any.

--- NIL ---

### **SCHEDULE 'E'**

Reference to General Condition of Contract.: *Posted in the website of the Institute.*

Name of the work : ***Annual Rate Running Contract for Repair, Maintenance & Miscellaneous Civil Works including Plumbing, Sanitary, Carpentry and Civil Maintenance Services for Hospital, MSH, Admin, KRC, RCC, Core Labs, Central Workshop Sheds and other Zone-2 jurisdiction buildings at IIT Hyderabad, Kandi (2<sup>nd</sup> Call).***

Estimated cost of work : ***Rs. 23,79,813/-***

Earnest money : ***Rs. 47,600/-***

Performance Guarantee : *1) 5.00% of the accepted tendered value or ECPT whichever is higher  
2) Requirement of Additional*

*Performance Guarantee (APG): In case of abnormally low bids i.e. if the quoted bid amount is lesser than 80% of the estimated cost put to tender, then the bidder shall be required to submit Additional Performance Guarantee (APG) in addition to the standard Performance Guarantee (PG). The amount of Additional Performance Guarantee (APG) shall be equivalent to the difference between the 80% amount of ECPT and quoted amount. (e.g. if ECPT is A and quoted amount is 0.7A then the amount of APG shall be  $0.8A - 0.7A$ ).*

Security Deposit : 2.50% of the tendered value

## **SCHEDULE 'F'**

### **GENERAL RULES AND DIRECTIONS:**

Officer inviting tender: : *Executive Engineer (Civil), IITH*

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3 : *See below*

### **Definitions:**

2(v) Engineer -in- Charge : *Executive Engineer (Civil), Indian Institute of Technology, Hyderabad.*

2(viii) Accepting Authority : *Executive Engineer (Civil), Indian Institute of Technology, Hyderabad.*

2(x) Percentage on cost materials and Labour to cover all overheads and profit : *15% (Fifteen) per cent.*

2(xi) Standard Schedule of Rate : *CPWD, Delhi Schedule of Rates (DSR) 2023 Civil / Electrical (2025), with up-to-date correction slips.*

Standard Contract Form : *IITH General Conditions of Contract for Maintenance works*

### **Clause 1**

i) Time allowed for submission of Performance Guarantee, Programme Chart (Time and Progress) and applicable licenses, registration with EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance, in days : *15 (Fifteen) Days*

ii) Maximum allowable extension beyond the period provided in (i) above : *7 (Seven) days*

### **Clause 1A**

Whether Clause 1A is applicable : *Yes*

### **Clause 2**

Authority for fixing Compensation under Clause 2 : *Executive Engineer (Civil), Indian Institute of Technology, Hyderabad*

**Clause 3(VII):** If the contractor had secured the contract with Government as a result of wrong tendering or other non-bonafide methods of competitive tendering or commits breach of Integrity Agreement-will be made ineligible.

**Clause 5:**

Number of days from the date of issue of letter of acceptance for reckoning date of start : 7 Days or date of issue of LOC whichever is later

Milestones : Not Applicable

Time allowed for execution of work : **365 Days**

Authority to give fair and reasonable : Executive Engineer (Civil), IITH  
Extension of time for completion of work (as per hindrance register)

Rescheduling of mile stones : .....NA.....

**Clause 6:- Measurement Book**

Clause applicable, 6

- (i) For works having estimated cost more than Rs 15 Lakh – Clause 6
- (ii) For works having estimated cost Rs. 15 Lakh or less – Contractor's option of Clause 6 or to be exercised at the time of Tender Submission

**Clause 7:**

Gross work to be done together with net payment /adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment : Gross Work: Rs.4,00,000/-  
(in case above mentioned amount not achieved, considering the maintenance work, the bills shall be paid on monthly basis irrespective of the bill value).

**Clause 7A:**

Whether Clause 7A is applicable

- Yes.  
No running account bill shall be paid for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Engineer-in-charge.

**Clause 10A:**

Materials to be provided by the Contractor : As given in additional specifications

**Clause 10B (ii)- Secured advance on Materials:**

Whether Clause 10 B (ii) shall be applicable : Not Applicable

**Clause 10C:**

Component of labour expressed as percent of value of work : 25%

**Clause 10CA**

: *Not Applicable*

**Clause 10CC**

: *Not Applicable*

**Clause 11:**

Specification to be followed for execution :  
of work

**CIVIL WORKS**

**CPWD DSR Items:**

CPWD Specifications 2019 Vol. I & II, with up-to-date correction slips,

**For MORTH Items**

MORTH Specifications 2013, with up-to-date correction slips.

**For ELECTRICAL WORKS**

**i) CPWD DSR Items:**

CPWD General Specifications  
Part I Internal 2023  
Part II External 2023  
Part III Lifts & Escalators 2003  
Part IV Substations 2013  
Part V Wet Riser  
Sprinkler System 2020  
Part VI Fire Detection and Alarm System 2018  
Part VII DG Sets 2013  
Part VIII: Gas based fire extinguisher systems 2013  
all with up-to-date Corrections Slips.

**For all Market Rate Items:**

Particular Specifications

**Clause 12:**

**12.2 & 12.3:** Deviation limit beyond :  
which Clause 12.2 & 12.3 shall apply for  
building work

***All the deviation quantities shall be paid at agreement rates.***

***Extra Item(s)*** (i) *which items are available in the standard schedule of rates (DSR items), shall be paid as per the schedule rate plus cost index (at the time of tender@3%) plus/minus percentage above/ below quoted contract amount. (ii) Payment of Extra items in case of non-schedule items*

(Non-DSR items) shall be made as per the prevailing market rate.

**Clause 14:** : Yes.  
Whether Clause 14 is applicable

**Clause 16** : Superintending Engineer, IIT  
Competent Authority for deciding reduced rates. Hyderabad.

**Clause 18:** : As required for the work.  
List of mandatory machinery, tools & plants to be deployed by the contractor at site

**Clause 25:**  
(i) Settlement of disputes by Conciliation and Arbitration:

- Conciliator Dean (Planning)
- Authority to appoint arbitrator Director, IIT Hyderabad
- Place of Arbitration Hyderabad
- Venue of Arbitration IIT Hyderabad
- Type of Arbitration Tribunal Sole Arbitrator

*Note: Provisions of Arbitration and Conciliation Act 1996 with latest amendments in force shall be applicable.*

## **Clause 32:**

### **Requirement of Technical Representative(s) and Recovery Rate**

| Sl. No. | Minimum Qualification of Technical Representative | Discipline            | Designation (Technical Representative) | Minimum Experience (years) | Number | Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of Clause 36(i) (INR) / Month / Each |                              |
|---------|---------------------------------------------------|-----------------------|----------------------------------------|----------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
|         |                                                   |                       |                                        |                            |        | Figures                                                                                                                                | Words                        |
| 1       | Diploma Engineer                                  | Civil                 | Technical Representative               | 2                          | 1      | 20,000/-                                                                                                                               | Rupees Twenty Thousand Only  |
| 2       | Plumber                                           | ITI                   | --NA--                                 | 2                          | 1      | 15,000/-                                                                                                                               | Rupees Fifteen Thousand Only |
|         |                                                   | 10 <sup>th</sup> Std. |                                        | 3                          |        |                                                                                                                                        |                              |
| 3       | Mason                                             | 10 <sup>th</sup> Std. | --NA--                                 | 2                          | 1      | 15,000/-                                                                                                                               | Rupees Fifteen Thousand Only |
|         |                                                   | 7 <sup>th</sup> Std.  |                                        | 3                          |        |                                                                                                                                        |                              |

### **Clause 38**

(i): Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates

: *DSR – 2023 for Civil and 2025 for Electrical published by CPWD*

**(ii): Variations permissible on theoretical quantities:**

- |     |                                                                                           |   |                                     |
|-----|-------------------------------------------------------------------------------------------|---|-------------------------------------|
| (a) | Cement                                                                                    | : | 2% plus/minus                       |
| (b) | Bitumen All Works                                                                         |   | 2.5% plus only & nil on minus side. |
| (c) | Steel Reinforcement and structural steel sections for each diameter, section and category | : | 2% plus/minus                       |
| (d) | All other materials                                                                       |   | Nil                                 |

### **RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION**

| Sl. No. | Description of Item       | Rates in figures and words at which recovery shall be made from the Contractor |                                       |
|---------|---------------------------|--------------------------------------------------------------------------------|---------------------------------------|
|         |                           | Excess beyond permissible variation                                            | Less use beyond permissible variation |
| 1.      | Cement                    | Nil                                                                            | 6,800+10% per MT                      |
| 2.      | Steel Reinforcement       | Nil                                                                            | 63,000+10% per MT                     |
| 3.      | Structural Steel Sections | Nil                                                                            | 69,000+10% per MT                     |

## **SPECIAL CONDITIONS OF CONTRACT (SCC)**

### **Rate Running Contract for Maintenance, Repair and Miscellaneous Civil Works**

#### **1. Nature of Contract**

1.1 This contract is a Rate Running Contract intended for carrying out maintenance, repair, renovation, replacement and miscellaneous civil works as and when required during the currency of the contract.

1.2 No minimum quantity or value of work is guaranteed under the contract. Payment shall be made only for the quantities actually executed, measured, and accepted by the Engineer-in-Charge.

#### **2. Form of Tender**

2.1 The tender shall be invited under the CPWD Percentage Rate System.

2.2 The contract shall be governed by CPWD Form 7, General Conditions of Contract (GCC) for Maintenance Works–2023, CPWD Works Manual, CPWD Specifications and other relevant instructions issued from time to time.

#### **3. Zone-Wise Scope of Work**

##### **3.1 Campus Zones**

IIT Hyderabad is around 602 Acres campus. For efficient administration, monitoring and execution of maintenance services, the Institute campus is divided into the following maintenance zones:

##### **Zone–1: Residential and Support Facilities Zone**

- Faculty Towers FT-1, FT-2 and FT-3
- Staff Towers ST-1 and ST-2
- International Guest House (IGH)
- Centre for Continuing Education (CCE)/Convention Centre (CC)
- Technology Research Park (TRP)
- Technology and Innovation Park (TIP)
- School building
- Badminton Shed & Swimming Pool Shed
- PG Labs
- Other Utility buildings and Infrastructure facilities under Zone-1 jurisdiction.

##### **Zone–2: Hospital and Research Facilities Zone**

- Hospital Building
- Married Student Housing (MSH)
- Administrative Building
- Knowledge Resource Centre (KRC)
- Research Centre Complex (RCC)
- Core Labs
- Central Workshop Sheds and associated facilities
- Old Sports Facilities
- Badminton Shed near old hostels
- Other Utility buildings and Infrastructure facilities under Zone-2 jurisdiction.

### **Zone-3: Academics & Sports Zone**

- Academic Buildings AD-1, AD-2, AD-3 and AD-4
- Department of Design (DOD)
- Lecture Hall Complex (LH)
- SNCC and associated facilities
- Other Utility buildings and Infrastructure facilities under Zone-3 jurisdiction.

### **Zone-4: Hostel and Student Amenities Zone**

- Ten (10) Old Hostels
- Eight (08) New Hostels
- Four (04) Precast Hostels
- Kapila Hostel Block
- Old and New Dining Halls
- STP-1
- SV-21 and SV-22
- WTP
- Cafeteria and associated facilities
- Other Utility buildings and Infrastructure facilities under Zone-1 jurisdiction.

**3.2** The Contractor shall execute maintenance works strictly within the respective Zone(s) allotted under the contract. However, in case of emergency requirements or essential institutional needs, the Contractor shall, upon the directions of the Engineer-in-Charge, execute maintenance works in any other zone of the Institute without any additional claim on this account.

**3.3** Before submission of the bid, the Contractor shall inspect the buildings and areas falling under the jurisdiction of the respective Zone and fully acquaint himself with the nature, extent, and scope of maintenance works required. Submission of the bid shall be deemed as acceptance that the Contractor has familiarized himself with all site conditions and maintenance requirements.

## **4. Percentage Quoting Mechanism**

**4.1** The bidder shall quote a single percentage rate, either **above**, **below**, or **at par** with the applicable Schedule of Rates (SOR) for the respective Zone.

**4.2** Item-wise rates, selective percentage quotations, conditional rebates, or any other form of differential quoting shall not be permitted and are liable to result in rejection of the bid.

**4.3** The percentage quoted by the bidder shall remain firm and unchanged throughout the contract period, including any extension granted by the Institute in accordance with the contract conditions.

## **5. Indicative Quantities**

**5.1** The quantities incorporated in the Schedule of Quantities (SOQ) for the respective items are indicative in nature and have been estimated based on the anticipated maintenance requirements of the Zone.

**5.2** The actual quantities executed during the contract period may vary substantially, either upwards or downwards, depending upon the actual site requirements and directions of the Engineer-in-Charge.

**5.3** The quantities shown in the tender documents are for the purpose of evaluation only and shall not be construed as guaranteed quantities. No claim whatsoever shall be entertained by the Institute on account of variation in the actual quantities executed.

## **6. Operation of Quantities**

**6.1** The quantities of individual items shall be operated strictly based on the actual maintenance requirements arising during the execution of the contract and as directed by the Engineer-in-Charge.

**6.2** The Contractor shall have no claim on account of non-operation, partial operation, or excess operation of any individual item included in the Schedule of Quantities. Payment shall be made only for the quantities actually executed and measured.

**6.3** In cases where the total value of work is likely to exceed the sanctioned contract amount, the provisions of Clause 12 of the GCC for Maintenance Works–2023 shall apply.

## **7. Payment for Deviated Quantities**

**7.1** Increase or decrease in the quantities of individual items shall be regulated and paid in accordance with Clause 12.3 of the GCC for Maintenance Works–2023.

**7.2** As per Clause 12.3 of GCC for Maintenance Works–2023:

***"All deviated quantities shall be paid at the agreement rates."***

**7.3** No additional compensation, escalation, or claim shall be admissible solely on account of variation in the quantities of individual items executed under the contract.

## **8. Extra Items**

**8.1** Any item of work not included in the Schedule of Quantities but found necessary for satisfactory execution of maintenance works shall be treated as an **Extra Item**.

**8.2** Payment for Extra Items shall be regulated in accordance with Clause 12.2 of the GCC for Maintenance Works–2023.

***Extra Items are those items which are not available in the contract Schedule of Quantities.***

**8.4** In the case of Percentage Rate Tenders, Extra Item(s) that are available in the Standard Schedule of Rates (DSR Items) specified in Schedule 'F' shall be paid at the applicable Schedule of Rates, including the approved Cost Index considered in the estimated cost put to tender (3% for the present tender), plus or minus the percentage quoted by the Contractor on the estimated cost put to tender.

**8.5** In the case of Extra Item(s) that are not available in the Standard Schedule of Rates (Non-DSR Items) specified in Schedule 'F', the Contractor may, within fifteen (15) days from the date of receipt of the order or occurrence of the item, whichever is earlier, submit a claim for determination of market rate(s), duly supported by:

- Detailed analysis of rates;
- Manufacturer's specifications, where applicable;
- Quotations, invoices, vouchers, and other supporting documents; and
- Any other information required by the Engineer-in-Charge.

Failure of the Contractor to submit the claim within the stipulated period shall render the rate subsequently determined by the Engineer-in-Charge final and binding on the Contractor.

Upon receipt of the Contractor's claim, the Engineer-in-Charge shall, within forty-five (45) days, examine the documents submitted, assess prevailing market rates, and determine a reasonable rate for the item. Payment shall be made accordingly.

The rates for Extra Items determined by the Engineer-in-Charge in accordance with Clause 12.2 of GCC for Maintenance Works–2023 shall be final and binding on the Contractor and shall not be subject to arbitration or dispute.

## **9. Contract Period- Exhaustion of Agreement Amount and Extension of Contract Period, in case of Agreement Amount not fully Utilized during the Contract Period:**

- 9.1** The contract shall remain valid for a period of **one (1) year** from the stipulated date of commencement of work, unless terminated earlier in accordance with the provisions of the contract.
- 9.2** In the event that the sanctioned contract amount is exhausted before the expiry of the original contract period, the Contractor shall continue to attend maintenance works as directed by the Engineer-in-Charge, subject to the provisions and financial limits prescribed under Clause 12 of the GCC for Maintenance Works–2023. The agreement shall, however, remain in force up to the original completion period for fulfilment of all contractual obligations, including completion of ongoing works, measurements, submission of bills, defect rectification, and settlement of accounts.
- 9.3** Exhaustion of the sanctioned contract amount before expiry of the contract period shall not automatically entitle the Contractor to any extension of time or enhancement of the contract value, except as specifically approved by the Competent Authority in accordance with the provisions of the GCC for Maintenance Works–2023.
- 9.4** If the sanctioned contract amount is not fully utilized during the original contract period, the Institute may, at its sole discretion and subject to satisfactory performance of the Contractor, extend the contract for a further period of up to **one (1) year** on the same terms, conditions, rates, and percentage quoted by the Contractor, without any escalation whatsoever.
- 9.5** Extension of the contract period shall be considered only upon mutual consent of both parties and shall be subject to approval by the Competent Authority. The Contractor shall have no claim for extension as a matter of right.
- 9.6** During the extended period, the Contractor shall continue to execute maintenance works under the same scope, conditions, specifications, and contractual obligations as applicable under the original agreement.

## **10. Extension of Contract Period on Availability of Additional Funds after Exhaustion of Original Agreement Amount**

- 10.1** In the event that the original sanctioned contract amount is exhausted and additional funds are subsequently sanctioned and made available by the Institute, the contract may, subject to mutual consent of both parties and approval of the Competent Authority, be extended for a further period not exceeding **one (1) year** on the same terms, conditions, specifications, and percentage quoted by the Contractor.

- 10.2** Such extension shall be governed by the provisions and financial limits prescribed under Clause 12 of the GCC for Maintenance Works–2023 and shall not constitute a fresh contract.
- 10.3** During the extended period, no escalation, additional compensation, or revision of rates shall be admissible unless specifically provided under the GCC for Maintenance Works–2023.
- 10.4** The Contractor shall have no claim for extension of the contract or enhancement of the contract value as a matter of right merely on account of availability of additional funds.

## **11. Complaint Management and Record Keeping**

- 11.1** (a) The Contractor shall maintain Complaint Registers, Maintenance Registers, Digital Databases, Microsoft Excel Sheets, or any other record-keeping system approved by the Engineer-in-Charge for effective monitoring and execution of maintenance works.

(b) "The personnel deployed by the successful bidder shall coordinate and interact with the existing Complaint Management Desk of the Construction and Maintenance Division (CMD) for receipt, monitoring, and closure of complaints reported by the occupants of the Institute from time to time.

The successful bidder shall ensure that all complaints are attended to and completed within the minimum response and resolution time as mentioned in Sl. No. 12 below, in accordance with the priorities and timelines prescribed by the Engineer-in-Charge.

Presently, one employee is deployed at the CMD Office to manage complaint registration and communication with the occupants. The said employee shall continue to handle the inward and outward communications related to complaints and with the successful bidder.

However, if the successful bidder is of the opinion that the existing complaint management system is not adequate to achieve the desired response and resolution timelines, the bidder may propose and implement an improved complaint management system, subject to the prior approval of the Engineer-in-Charge. Any such system shall aim to enhance efficiency, streamline complaint tracking, improve monitoring, and reduce response and complaint closure time as per the terms and conditions of the Contract”.

- 11.2** Complaints received through the Institute's online portal, helpdesk, e-mail, telephone, written communication, WhatsApp or any other authorized mode shall be attended to and resolved within the timelines prescribed by the Engineer-in-Charge.
- 11.3** Complete records of complaint registration, assignment, attendance, rectification, and closure shall be maintained, clearly indicating the date and time of receipt, commencement of work, completion of work, and closure of the complaint.
- 11.4** The Contractor shall submit monthly complaint reports, maintenance records, work completion reports, measurement records, photographs (wherever required), and all other relevant documents necessary for processing the Running Account (RA) Bill to the Engineer-in-Charge before submission of the monthly bill.
- 11.5** Failure to maintain proper records or submit the required documents may result in withholding of the RA Bill, either partly or wholly, until compliance is achieved to the satisfaction of the Engineer-in-Charge.

**11.6** All records maintained under this contract shall be made available for inspection by the Engineer-in-Charge or any authorized representative of the Institute whenever required.

## **12. Complaint Handling & Service Levels and Compensation for Delay in Attending Complaints:**

| <b>Category</b> | <b>Nature of Complaint</b>                                                             | <b>Response Time</b> | <b>Completion Time</b> |
|-----------------|----------------------------------------------------------------------------------------|----------------------|------------------------|
| Emergency       | Water supply leakages, sewerage leakages, collapses, unsafe conditions and emergencies | Within 2 hours       | Within 24 hours        |
| Urgent          | Plumbing defects, choked drains and minor repairs                                      | Within 6 hours       | 2–3 days               |
| Routine         | Building leakages, petty civil repairs and routine maintenance                         | Within 24 hours      | Within 7 days          |

**12.1** The Contractor shall attend and complete maintenance complaints within the time limits prescribed by the Engineer-in-Charge. Delay beyond the prescribed completion period without valid justification and approval of the Engineer-in-Charge shall attract compensation at the following rates:

- (a) **Rs. 50/- per complaint per day** for the first three (3) days of delay;
- (b) **Rs. 100/- per complaint per day** for each day of delay thereafter until the complaint is satisfactorily rectified and closed;
- (c) The total compensation recoverable during any calendar month shall not exceed **10% of the gross amount payable** in the respective Running Account (RA) Bill.

**12.2** The above compensation shall be without prejudice to any other rights and remedies available to the Institute under the contract and shall be recoverable from any amount due or becoming due to the Contractor.

**12.3** In cases where the Contractor fails to attend to or complete the maintenance work within a reasonable time, or where the nature of the complaint warrants immediate action in the interest of safety, security, functionality, or uninterrupted operation of the Institute, the Engineer-in-Charge may arrange execution of such work through another agency or departmental resources at the **risk and cost of the Contractor**. The additional expenditure incurred shall be recoverable from the Contractor's dues, Security Deposit, Performance Guarantee, or any other amounts available under the contract.

**12.4** The decision of the Engineer-in-Charge regarding the occurrence of delay, adequacy of justification furnished by the Contractor, and the amount recoverable on account of compensation shall be final and binding on the Contractor.

**12.5** Repeated delays, persistent non-performance, or failure to maintain the prescribed service levels may be treated as breach of contract and may attract action under the relevant provisions of the GCC for Maintenance Works–2023, including reduction of scope, rescission of contract, forfeiture of Performance Guarantee/Security Deposit, and debarment as applicable.

## **13. Simultaneous Execution of Multiple Zones**

**13.1** Where a Contractor is awarded more than one Zone under this tender or under separate maintenance contracts of the Institute, the Contractor shall deploy and

maintain adequate and independent manpower, supervisory staff, tools and plants, vehicles, equipment, and other resources for each Zone so as to ensure uninterrupted and satisfactory maintenance services in all Zones.

- 13.2** Diversion of manpower, supervisory personnel, vehicles, tools, equipment, or other resources from one Zone to another, resulting in deterioration of service levels or delay in attending maintenance complaints, shall not be permitted without prior written approval of the Engineer-in-Charge.
- 13.3** The award of multiple Zones to a Contractor shall not relieve the Contractor of any contractual obligations, service standards, response times, or performance requirements specified for each individual Zone.
- 13.4** The Contractor shall, whenever required by the Engineer-in-Charge, furnish details of manpower deployment, supervisory arrangements, vehicles, tools and plants, and other resources deployed for each Zone, along with supporting records as may be prescribed.
- 13.5** In the event of inadequate deployment of resources, unsatisfactory performance, repeated delays in attending complaints, failure to maintain the prescribed service levels, or diversion of resources affecting maintenance operations, the Engineer-in-Charge may issue written instructions for immediate rectification. Failure to comply with such instructions within the stipulated time shall constitute a breach of contract.
- 13.6** Without prejudice to any other rights available under the contract, the Institute reserves the right to withdraw, reduce, or reassign the whole or part of any Zone from the Contractor and get the work executed through another agency at the risk and cost of the Contractor, in accordance with the relevant provisions of the GCC for Maintenance Works–2023.
- 13.7** No claim for compensation, loss of profit, idle charges, or damages shall be entertained from the Contractor on account of withdrawal, reduction, or reassignment of any Zone arising out of the Contractor's failure to fulfill contractual obligations.

#### **14. Cross-Zone Execution of Maintenance Works**

- 14.1** The Contractor shall attend and complete all maintenance complaints within the response and completion timelines prescribed by the Engineer-in-Charge.
- 14.2** Failure to attend, respond to, or complete complaints within the stipulated period may result in issuance of directions, reminders, notices, or instructions through letter, e-mail, SMS, WhatsApp, the Institute's online portal, telephone, or any other mode of communication deemed appropriate by the Engineer-in-Charge. Such communications shall be treated as valid notices under the contract.
- 14.3** Allocation of a Zone to the Contractor shall not confer any exclusive right to execute maintenance works within that Zone. The Institute reserves the right to make alternative arrangements whenever required in the interest of timely maintenance and uninterrupted functioning of the Institute.
- 14.4** If the Contractor fails to respond to complaints or continues to default in the discharge of contractual obligations, the Engineer-in-Charge may issue a notice directing the Contractor to rectify the default within a reasonable period specified therein. Failure to comply with such notice shall entitle the Institute to arrange execution of the pending work through another Zone Contractor, departmental resources, or any other suitable agency at the risk and cost of the defaulting Contractor.

- 14.5** Any additional expenditure incurred by the Institute in getting such works executed through alternative arrangements shall be assessed by the Engineer-in-Charge and recovered from the Contractor's Running Account Bills, Security Deposit, Performance Guarantee, or any other amounts due or becoming due under the contract.
- 14.6** Contractors engaged in other Zones may be directed by the Engineer-in-Charge to execute such works, and payment for such works shall be regulated in accordance with the rates and terms applicable to their respective contracts.
- 14.7** Repeated failures, persistent delays, non-deployment of adequate resources, non-compliance with directions of the Engineer-in-Charge, or failure to maintain prescribed service levels shall constitute unsatisfactory performance and may attract one or more of the following actions in accordance with the contract and GCC for Maintenance Works–2023:
- Recovery of compensation;
  - Execution of work at risk and cost;
  - Reduction in scope of work;
  - Withdrawal of Zone(s);
  - Rescission/termination of contract;
  - Forfeiture of Security Deposit and/or Performance Guarantee; and
  - Any other action permissible under the contract.
- 14.8** In emergencies involving public safety, structural distress, water supply failures, sewerage failures, electrical failures, fire hazards, or disruption of essential services, the Institute may immediately deploy another agency, departmental resources, or any other suitable arrangement without prior notice to the Contractor. The cost incurred on such emergency works, to the extent attributable to the Contractor's failure to perform contractual obligations, shall be recoverable from the Contractor.
- 14.9** The defaulting Contractor shall not be entitled to any compensation, damages, idle charges, loss of profit, or any other claim arising out of execution of works through alternative arrangements made by the Institute under this Clause.
- 14.10** The performance of the Contractor under this contract, including response time, complaint closure efficiency, quality of maintenance works, and compliance with contractual obligations, may be considered by the Institute while assessing performance records, awarding extensions, evaluating future tenders, or taking action under applicable rules and procedures.

## **15. Inter-Zone Coordination**

- 15.1** Where maintenance activities, repairs, or allied works extend beyond the limits of a single Zone or affect adjoining Zones, the Contractor shall coordinate with other Contractors, agencies, utility service providers, and departmental representatives as directed by the Engineer-in-Charge to ensure smooth and timely execution of the work.
- 15.2** The Contractor shall cooperate fully in matters relating to access, sequencing of work, sharing of information, shutdown coordination, restoration activities, and other operational requirements necessary for effective execution of maintenance works involving multiple Zones.
- 15.3** In the event of any dispute, overlap, ambiguity, or uncertainty regarding the jurisdiction, scope of work, responsibility, or allocation of maintenance activities between Zones, the decision of the Engineer-in-Charge shall be final and binding on all concerned parties.

- 15.4** The Contractor shall not refuse or delay execution of any work on the grounds of jurisdictional disputes, overlap of responsibilities, or involvement of adjoining Zones. Any such issues shall be referred to the Engineer-in-Charge for decision.
- 15.5** No additional payment, compensation, overhead charges, idle charges, extension of time, or any other claim shall be admissible on account of coordination with other Contractors, agencies, departments, or adjoining Zones.
- 15.6** The Contractor shall be responsible for avoiding interference with the activities of other Contractors and shall take all necessary precautions to ensure that maintenance operations are carried out without disruption to Institute activities, utility services, or works being executed by other agencies.

## **16. Material Procurement and Quality Assurance**

- 16.1** All materials used in the execution of maintenance works shall conform to the latest CPWD Specifications, relevant BIS Standards, manufacturer's specifications, and any other quality requirements stipulated by the Engineer-in-Charge.
- 16.2** Materials shall be procured from approved manufacturers, authorized dealers, or approved sources wherever specified in the contract, CPWD Specifications, or as directed by the Engineer-in-Charge.
- 16.3** The Contractor shall, whenever required, submit samples of materials for approval before procurement and use. Approval of samples shall not relieve the Contractor of responsibility for ensuring compliance with the specified quality standards.
- 16.4** The Contractor shall furnish test certificates, manufacturer's warranty certificates, batch certificates, invoices, laboratory test reports, and any other supporting documents as may be required by the Engineer-in-Charge to establish the quality and authenticity of materials.
- 16.5** The Engineer-in-Charge shall have the right to inspect, test, or arrange testing of any material at any stage of procurement, storage, or incorporation into the work. The Contractor shall provide all necessary assistance for such inspection and testing.
- 16.6** Any material found to be defective, substandard, damaged, adulterated, counterfeit, or not conforming to the specified standards shall be rejected and shall be removed from the site by the Contractor at his own cost within the time stipulated by the Engineer-in-Charge.
- 16.7** Any work executed using rejected, defective, or non-conforming materials shall be dismantled, removed, and re-executed by the Contractor at his own risk and cost without any additional payment.
- 16.8** No payment shall be admissible for rejected materials, defective work, dismantled work, or work requiring rectification due to the use of substandard materials.
- 16.9** The cost of testing materials, where tests are required under the specifications or directed by the Engineer-in-Charge due to suspected quality deficiencies, shall be borne in accordance with the provisions of the GCC for Maintenance Works-2023.
- 16.10** The Contractor shall be solely responsible for the quality, durability, performance, and suitability of all materials incorporated in the work and shall remain liable for defects attributable to material quality during the applicable defect liability or warranty period.

**16.11** Acceptance of materials or certification of bills by the Engineer-in-Charge shall not absolve the Contractor of responsibility for defects, deficiencies, or non-conformity detected subsequently.

## **17. Measurement and Payment**

**17.1** Measurements of all works executed under the contract shall be recorded in accordance with the provisions of the GCC for Maintenance Works–2023, CPWD Works Manual, CPWD Specifications, and other applicable instructions issued by the Institute.

**17.2** Payment shall be made only for the actual quantities of work satisfactorily executed, measured, recorded, and accepted by the Engineer-in-Charge.

**17.3** The percentage quoted and accepted by the Institute shall be applied to the measured quantities at the applicable Schedule of Rates for determining the amount payable to the Contractor.

**17.4** Running Account (RA) Bills shall be submitted and processed in accordance with the frequency, conditions, and procedures specified in Schedule 'F' and other relevant provisions of the contract.

**17.5** Submission of a Running Account Bill shall not imply acceptance of the quality or quantity of work, and the Engineer-in-Charge reserves the right to make corrections, recoveries, adjustments, or deductions in subsequent bills and/or the final bill.

**17.6** The Contractor shall submit all supporting documents, measurement records, complaint closure records, test certificates (wherever required), invoices, photographs (wherever required), statutory compliance documents, and any other records prescribed by the Engineer-in-Charge along with the RA Bill.

**17.7** Payments made through Running Account Bills shall be treated as interim payments only and shall not constitute final acceptance of the work or waiver of any contractual rights of the Institute.

**17.8** Final payment shall be released only after:

- Completion of all contractual obligations;
- Submission of the Final Bill and supporting documents;
- Rectification of all defects and deficiencies, if any;
- Submission of required warranties, guarantees, and completion records;
- Recovery of all dues recoverable under the contract; and
- Certification by the Engineer-in-Charge.

**17.9** The Institute shall be entitled to withhold, deduct, or recover any amount due from the Contractor under the contract from any Running Account Bill, Final Bill, Security Deposit, Performance Guarantee, or any other sums payable to the Contractor.

**17.10** In case of any discrepancy between measured quantities and quantities indicated in the Schedule of Quantities, payment shall be regulated based on the actual quantities measured and accepted by the Engineer-in-Charge.

## **18. Performance Monitoring and Evaluation**

**18.1** The performance of the Contractor shall be periodically monitored and evaluated by the Engineer-in-Charge based on, but not limited to, the following parameters:

- (a) Timely response to maintenance complaints;

- (b) Timely completion of maintenance works;
- (c) Quality and durability of repairs and maintenance works executed;
- (d) Compliance with prescribed Service Levels and response timelines;
- (e) Adequacy and availability of manpower, supervisory staff, tools, plants, vehicles, and other resources;
- (f) Site management, housekeeping, and work planning;
- (g) Maintenance of registers, complaint records, measurement records, and other contractual documentation;
- (h) Feedback received from occupants, users, authorities, departmental representatives, and other stakeholders;
- (i) Compliance with safety requirements, statutory provisions, and directions of the Engineer-in-Charge; and
- (j) Overall adherence to the terms and conditions of the contract.

**18.2** The Engineer-in-Charge may maintain monthly performance records, service level reports, complaint analysis reports, inspection reports, or any other performance monitoring mechanism considered necessary for assessing the Contractor's performance.

**18.3** Persistent poor performance, repeated delays, failure to maintain prescribed service levels, inadequate deployment of resources, poor workmanship, non-compliance with contractual obligations, or failure to comply with directions of the Engineer-in-Charge may attract action under the GCC for Maintenance Works–2023 and the contract conditions, including but not limited to:

- Recovery of compensation;
- Risk and cost execution of work;
- Reduction in scope of work;
- Withdrawal of one or more Zone(s);
- Withholding of payments;
- Rescission/termination of contract;
- Forfeiture of Security Deposit and/or Performance Guarantee; and
- Debarment or other actions as permissible under applicable rules.

**18.4** Unsatisfactory performance recorded for three (3) consecutive months, or for any three (3) months during the contract period, may be treated as evidence of persistent non-performance and may constitute grounds for reduction in scope, withdrawal of Zone(s), rescission of contract, restriction on award of additional Zone(s), or any other action permissible under the contract, subject to compliance with the principles of natural justice and the relevant provisions of the GCC for Maintenance Works–2023.

**18.5** Before taking any adverse action on account of unsatisfactory performance, the Contractor shall ordinarily be given an opportunity to explain the reasons for such performance and to take corrective measures within a reasonable period, except in cases involving emergencies, public safety, or circumstances warranting immediate action.

**18.6** The decision of the Competent Authority regarding assessment of performance and consequential action under the contract shall be final and binding, subject to the remedies available under the GCC for Maintenance Works–2023.

## **19. Manpower Deployment**

**19.1** The Contractor shall deploy adequate supervisory, skilled, semi-skilled, and unskilled manpower, as applicable, for satisfactory execution of the maintenance

works in accordance with the requirements specified in Schedule 'F' and the directions of the Engineer-in-Charge.

- 19.2** The manpower deployed shall possess the requisite qualifications, experience, competency, and trade skills necessary for execution of the assigned maintenance works.
- 19.3** The Contractor shall ensure availability of sufficient manpower at all times to meet the prescribed response times, service levels, and maintenance requirements under the contract.
- 19.4** In the event of absenteeism, leave, resignation, or replacement of personnel, the Contractor shall promptly provide suitable substitutes so that maintenance services are not adversely affected.
- 19.5** The Engineer-in-Charge may require augmentation of manpower whenever the deployed strength is found inadequate to meet the maintenance requirements, complaint load, emergency situations, or prescribed service levels. The Contractor shall comply with such directions without any additional financial claim.
- 19.6** The Contractor shall maintain attendance records, deployment registers, wage records, and statutory compliance records relating to the deployed manpower and shall produce the same for inspection whenever required by the Engineer-in-Charge.
- 19.7** Failure to deploy the prescribed manpower or maintain adequate staff shall be treated as a breach of contract and may attract compensation, reduction in scope of work, withholding of payments, risk-and-cost action, or any other action permissible under the contract and GCC for Maintenance Works-2023.
- 19.8** Deployment of manpower in excess of the minimum requirements specified in Schedule 'F', if considered necessary by the Contractor for proper performance of the contract, shall be at the Contractor's own cost and no additional payment shall be admissible on this account.

## **20. Safety, Health and Environmental Protection**

- 20.1** The Contractor shall comply with all applicable safety regulations, statutory provisions, labour laws, and safety guidelines issued by the Government, CPWD, local authorities, and the Institute from time to time.
- 20.2** The Contractor shall provide, at his own cost, all necessary Personal Protective Equipment (PPE) such as safety helmets, safety shoes, hand gloves, reflective jackets, safety belts, goggles, face shields, respiratory protection equipment, and any other safety gear required for the nature of work being executed.
- 20.3** The Contractor shall ensure that all personnel deployed at site are adequately trained and instructed in safe working practices and shall take all necessary precautions to prevent accidents, injuries, damage to property, interruption of services, and environmental hazards.
- 20.4** Suitable safety measures, warning signs, barricades, caution boards, lighting arrangements, protective coverings, and access control measures shall be provided wherever necessary to safeguard workers, Institute personnel, students, visitors, and the public.
- 20.5** The Contractor shall be solely responsible for the safety of his personnel, materials, equipment, tools, and works under execution and shall take all reasonable measures to prevent accidents and unsafe conditions.

- 20.6** Any accident, injury, loss of life, damage to property, disruption of services, or other incident arising out of or in connection with the execution of the work shall be immediately reported to the Engineer-in-Charge and the concerned statutory authorities, wherever required.
- 20.7** The Contractor shall be solely responsible for and shall indemnify and keep indemnified the Institute against all claims, demands, actions, proceedings, damages, compensation, penalties, costs, and expenses arising out of non-compliance with safety requirements, labour laws, statutory obligations, or negligence on the part of the Contractor, his employees, agents, or subcontractors.
- 20.8** The Institute shall not be liable for any injury, accident, disability, death, compensation, or claims arising out of the Contractor's operations, and all such liabilities shall rest solely with the Contractor.
- 20.9** Failure to comply with safety requirements may result in suspension of the work, stoppage of unsafe activities, recovery of costs incurred by the Institute, imposition of compensation, or any other action permissible under the contract and the GCC for Maintenance Works-2023.
- 20.10** Compliance with safety requirements by the Contractor shall not relieve him of any responsibility or liability under the contract, whether or not inspections are carried out by the Engineer-in-Charge.

## **21.Documentation**

The Engineer-in-Charge may require submission of complaint records, measurements, photographs before and after execution in Microsoft Excel formats as prescribed by the Engineer in Charge

## **22. Applicability of Percentage Quoted in Financial Bid**

- 22.1** The percentage quoted by the bidder in the Financial Bid, whether **above (Excess)**, **below (Less)**, or **at par** with the estimated cost put to tender, shall be applied uniformly to all items included in the Schedule of Quantities (SOQ) and Abstract of Cost forming part of the tender documents.
- 22.2** The quoted percentage shall be applicable uniformly to both **DSR Items** and **Non-DSR Items** included in the Schedule of Quantities/Abstract of Cost, unless otherwise specifically provided in the contract or regulated under the provisions of the GCC for Maintenance Works-2023.
- 22.3** No separate percentage, differential percentage, selective loading, selective discounting, or conditional adjustment shall be permissible for any individual item, group of items, or category of work.
- 22.4** The accepted percentage shall remain valid throughout the contract period, including any approved extension of the contract, and shall be applied for determining payments for all applicable items executed under the contract.

**ANNEXURE- B****CLIENT's CERTIFICATE REG. PERFORMANCE OF CONTRACTOR****Name & address of the Client.....****Details of works executed by Shri/ M/s. ....**

|                                                                              |                                      |
|------------------------------------------------------------------------------|--------------------------------------|
| 1. Name of work with brief particulars                                       |                                      |
| 2. Agreement No. and date                                                    |                                      |
| 3. Estimated Cost                                                            |                                      |
| 4. Agreement amount                                                          |                                      |
| 5. Date of commencement of work                                              |                                      |
| 6. Stipulated date of completion                                             |                                      |
| 7. Actual date of completion                                                 |                                      |
| 8. Details of compensation levied for delayed completion, if any             |                                      |
| (a) Whether case of levy of compensation for delay has been decided or not   | Yes/No                               |
| (b) If decided, amount of compensation levied for delayed completion, if any |                                      |
| 9. Amount of reduced rate items, if any                                      |                                      |
| 10. Performance Report                                                       |                                      |
| a) Quality of Work                                                           | Outstanding / Very Good / Good /Poor |
| b) Financial Soundness                                                       | Outstanding / Very Good / Good /Poor |
| c) Technical Proficiency                                                     | Outstanding / Very Good / Good /Poor |
| d) Resourcefulness                                                           | Outstanding / Very Good / Good /Poor |
| e) General behavior                                                          | Outstanding / Very Good / Good /Poor |

**Dated:****Executive Engineer or Equivalent**

**Declaration for Local Content**

**(To be given on Company Letter Head - For tender value below Rs.10 Crores)**

**(To be given by Statutory Auditor/Cost Auditor/Cost Accountant/CA for tender value above Rs.10 Crores)**

**Date:\_\_\_\_\_**

**To,  
The Director,  
Indian Institute of Technology Hyderabad,  
Kandi, Sangareddy 502284.**

Sub: Declaration of Local content

Tender Reference No: \_\_\_\_\_

Name of Tender / Work: \_\_\_\_\_

1. Country of Origin of Goods being offered: \_\_\_\_\_
2. We hereby declare that items offered has \_\_\_\_\_% local content.
3. Details of location at which local value addition will be made / made: (Complete address to be mentioned) \_\_\_\_\_

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*“Local Content” means the amount of value added in India which shall, be the total value of the item being offered minus the value of the imported content in the item (including all customs duties) as a proportion of the total value, in percent.*

*“\*False declaration will be in breach of Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.”*

**Yours Faithfully,**

**(Signature of the Bidder, with Official Seal)**

## **Additional Conditions of Contract**

### **Additional Conditions:**

1. Before tendering, the contractor shall inspect the site of work and shall fully acquaint himself about the conditions prevailing at site, availability of materials, availability of land and suitable location for construction of godowns, stores and camp, transport facilities, the extent of lead and lifts involved in the work (over the entire duration of contract) including local conditions, as required for satisfactory execution of the work and nothing extra whatsoever shall be paid on this account.
2. The contractor shall at his own expense and risk arrange land for accommodation of labour, setting up of office, the storage of materials, erection of temporary workshops, and construction of approach roads to the site of the work including land required for carrying out of all jobs connected with the completion of the work. In any case, IIT Hyderabad (Institute) shall not permit setting up of labour camps within its premises. If during contract period it becomes necessary to remove or shift the stored materials shed workshop, access roads, etc. to facilitate execution of any other work by any other agency, the contractor shall do as directed by the Engineer-in-charge and no claim whatsoever, shall be entertained on this account.
3. It shall be deemed that the contractor shall have satisfied himself as to the nature and location of the work, transport facilities, availability of land for setting up of camp etc. The department will bear no responsibility for lack of such knowledge and the consequences thereof.
4. The contractor shall at his own cost submit samples of all materials sufficiently in advance and obtain approval of the Engineer-in-charge. Subsequently, the materials to be used in the actual execution of the work shall strictly conform to the quality of samples approved by the Engineer-in-charge and nothing extra shall be paid on this account. The acceptance of any sample or material on inspection shall not be a bar to its subsequent rejection, if found defective.
5. Materials used on work without prior inspection and without approval of Engineer-in-charge are liable to be considered unauthorized, defective and not acceptable. The Engineer-in-charge shall have full powers to require removal of any or all of the materials brought to site by contractor which are not in accordance with the contract, Specifications or do not conform in character or quality to the samples approved by the Engineer-in-charge. In case of default on the part of the contractor in removing rejected materials, the Engineer-in-charge shall be at liberty to have them removed at the risk and cost of the contractor.
6. The work shall be carried out in such a manner so as not to interfere/or effect or disturb other works being executed by other agencies, if any.
7. Any damages done by the contractor to any existing work or work being executed by other agencies shall be made good by him at his own cost.
8. The work shall be carried out in the manner complying in all respects with the requirement of relevant rules and regulations of the local bodies under the jurisdiction of which the work is to be executed and nothing extra shall be paid on this account.
9. For completing the work in time, the contractor might be required to work in two or more shifts and no claims whatsoever shall be entertained on this account, notwithstanding the Fact that the contractor will have to pay to the labourers and other staff engaged directly or indirectly on the work according to the provisions of the labour regulations and the agreement entered upon and/or extra amount for

any other reasons.

10. The contractor shall maintain in good condition all work executed till the completion of the entire work entrusted to the contractor under this contract and nothing extra shall be paid on this account.
11. No payment will be made to the contractor for damage caused by rain, floods and other natural calamities whatsoever during the execution of the works and any damage to the work on this account shall have to be made good by the contractor at his own cost and nothing whatsoever shall be paid on this account.
12. The item rates or percentage rates for all items of work, unless clearly specified otherwise, shall include the cost of all labour materials, de-watering and other inputs involved in the execution of the items.
13. Unless otherwise provided in the schedule of quantities or CPWD Specifications the percentage rates tendered by the contractor shall be all-inclusive and shall apply to all heights, depths, leads and lifts.
14. No claim whatsoever for idle labour, additional establishments, costs of hire and labour charges for tools and plants etc. would be entertained under any circumstances.
15. For the safety of all labour directly or indirectly employed in the work for the performance of the contractor's part of this agreement, the contractors shall, in addition to the provisions of Safety code and directions of the Engineer-in-charge make all arrangements to provide facility as per the provisions of Indian Standard Specifications (Codes) listed below and nothing extra shall be paid on this account.

IS 3696 Part I Safety Code for scaffolds and ladders

IS 3696 Part II Safety Code for scaffolds and ladders Part II ladders

IS 764 Safety Code for excavation work

IS 4081 Safety Code for Blasting and Drilling operations,

IS 4138 Safety Code for working in compressed air.

IS 7293 Safety Code for working with construction machinery

IS 7969 Safety Code for storage and handling of building materials

IS 5216:1982 code of safety procedures and practices in electrical works

16. The contractor shall take all precautions to avoid all accidents by exhibiting necessary caution boards and by providing red flags, red lights and barriers. The contractor shall be responsible for any accident at the site of work and consequences thereof.
17. In case of Specifications the following hierarchy will be followed:
  - Nomenclature of the item.
  - Additional Specifications, particular Specifications, special / additional conditions if any as defined in the contract documents.
  - Drawings
  - CPWD Specifications,
  - BIS Specifications (Latest version) if CPWD Specifications not available.
  - Manufacturers Specifications if BIS Specifications not available.
  - Sound Engineering Practices Standard Textbooks.
  - If none of the above is available decision of Engineer-in-Charge will be final.
18. All Stone aggregates, sand, stone dust, etc shall be obtained only from the quarry or other source approved by the Engineer in charge before they are actually procured and used in the work. The percentage rate for the items mentioned in the schedule of quantities includes all charges and nothing-extra payable on any account.

19. Labour Welfare Cess @ 1% shall be deducted at source from the bills of Gross value (which includes the cost of stipulated materials) of the work done and Government shall not entertain any claim whatsoever in this respect in this contract.
20. The ESI and EPF Contribution on the part of the employer in respect of the contract shall be paid by the contractor. This contribution on the part of the employer paid by the contractor shall be reimbursed by the Engineer-in- Charge to the contractor on actual basis. The applicable and eligible amount of EPF and ESI shall be reimbursed preferably within 7 days but not later than 30 days of submission of documentary proof of payment provided same are in order.
21. No Running Account Bill shall be paid for the work till the applicable labour license, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Engineer-in-charge.
22. The contractor shall obtain a valid licence under the contract labour (R A) Act, 1970 and the contract labour (Regulation and Abolition) Central Rules, 1971 before the commencement of the work, and continue to have a valid licence until the completion of the work. The contractor shall also comply with provision of the Inter-state Migrant Women (Regulation of Employment and conditions of service) Act 1979.
23. The Government of India has announced that the ***four Labour Codes – the Code on Wages, 2019, the Industrial Relations Code, 2020, the Code on Social Security, 2020 and the Occupational Safety, Health and Working Conditions Code, 2020 are being made effective from 21st November 2025.*** As such the participating bidders are expected to have known about the above said labour laws. The clauses and sub clauses of the above four labour laws are to be implemented on site by the contractor. In case, violation of these clauses will attract penalties as per the stipulated rules of the labour laws. No claim whatsoever on account of such recoveries after giving reasonable notice will be entertained by the Institute.
24. Other agencies doing works related with this project will also simultaneously execute the works and the contractor shall afford necessary facilities for the same. The contractor shall leave such necessary holes, openings etc. for laying/burying in the work of pipes, cables, conduits, clamps, boxes and hooks for fan clamps etc. as may be required for other agencies. Conduits for electrical wiring/cables will be laid in a way that they leave enough space for concreting and do not adversely affect the structural members. Nothing extra over the agreement rates shall be paid for the same.
25. Some restrictions may be imposed by the Institutes security staff etc., on the working and for movement of labour, materials etc. The contractor shall be bound to follow all such restrictions/instructions and nothing extra shall be payable on this account.
26. The building work will be carried out in the manner complying in all respects with the requirements of relevant byelaws of the local body under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-Charge and nothing extra will be paid on this account.
27. The work of water supply, Internal Sanitary Installations and drainage work etc., shall be carried out as per local Municipal Corporation or such local body bye-laws and the contractor shall produce necessary completion certificate from such

authorities after completion of the work.

28. Water tanks, taps sanitary, water supply and drainage pipes, fittings and accessories should conform to byelaws and specifications of the Municipal Body/Corporation where CPWD specifications are not available. The contractor should engage licenced plumbers for the work and get the materials (fixtures/fittings) tested by the Municipal Body/Corporation authorities wherever required at his own cost.
29. The contractor shall comply with proper and legal orders and directions of the local or public authority or municipality and abide by their rules and regulations and pay all fees and charge, which he may be liable.
30. The contractor shall give a performance test of the entire installation(s) as per standard Specifications before the work is finally accepted and nothing extra whatsoever shall be payable to the contractor for the test.
31. Any cement slurry added over base surface (or) for continuation of concreting for better bond is deemed to have been in built in the items and nothing extra shall be payable (or) extra cement considered in consumption on this account.
32. The contractor shall take instructions from the Engineer-in-Charge for stacking of materials in any place. No excavated earth or building material shall be stacked on areas where other buildings, roads, services compound walls are to be constructed.
33. As a policy of the Institute, huts for labour are not permitted at the site of work by the contractors. The contractors are required to provide such accommodation outside the premises of the Institute and nothing extra shall be paid on this account.
34. Royalty at the prevalent rates shall have to be paid by the contractor on all the boulders, metals, shingle sand and bajri etc., collected by him for the execution of the work direct to the Revenue authority or authorized agent of the State Government concerned or Central Government.
35. The Percentage Rate for Centering shuttering includes cost of centering the rate of RCC works include cost of concreting in sloped roof/ chajjas / beams and no extra rate shall be payable on any account. Single stone slab only should be used in treads and risers of staircase steps etc. Payment shall be made in respect of items. No extra rate shall be payable on this account.
36. The Contractor should construct proper mortar bands of lean mix with adequate depth smaller size over the curved roof for flooding with water proper curing. In case of Arches, wet gunny bags shall be used for a period of two weeks.
37. Samples of all materials like UPVC Pipes, fittings, tiles etc., shall be got approved in advance before placing order for them. Similarly, samples of all works shall be prepared in advance and got approved from the Engineer-in-Charge before taking up the work
38. The Percentage rate for skirting, dados includes cost of chasing of Brick walls to the required thickness wherever required in order to accommodate required thickness of base cement mortar and nothing extra is payable.
39. The Percentage rate for the different flooring items under flooring sub head, includes

the cost of extra cement mortar required to be laid for making the finished floor level at par with the kota stone flooring at all floors and at all levels, and nothing extra shall be payable on any account.

40. No payment shall be made for preparing the existing surface like flooring, masonry etc. for hacking, cleaning to receive new work.

### **SCHEDULE OF QUANTITIES (SOQ) / Abstract of Cost**

- Quantities incorporated in the below Schedule of Quantities are indicative only and are based on anticipated maintenance requirements.
- The actual quantities may vary depending upon site requirements.
- The quantities shown in the tender shall not be treated as guaranteed quantities.
- The unit rate mentioned at Column No. (5) for the DSR items is inclusive of present Cost Index of Hyderabad @3% and 18% GST and rate for the Non-DSR items is as per the Local Market Rate including 18% GST and other Taxes.

| Sl. No.                                   | Description of Item.                                                                                                                                                                                              | Qty  | Unit | Rate (Rs.) | Amount (Rs.) |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------------|--------------|
| (1)                                       | (2)                                                                                                                                                                                                               | (3)  | (4)  | (5)        | (6)          |
| <b>DSR ITEMS (From Sl. No. 01 to 19):</b> |                                                                                                                                                                                                                   |      |      |            |              |
| 1.1                                       | <b><u>Sub-Head: Dismantling and Demolishing</u></b><br>Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. |      |      |            |              |
| 1.1.1                                     | Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)                                                                                                                                                  | 1.00 | Cum  | 1506.89    | ₹ 1,506.89   |
| 1.2                                       | Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.                    | 1.00 | Cum  | 3559.03    | ₹ 3,559.03   |
| 1.3                                       | 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.              |      |      |            |              |
| 1.3.1                                     | In cement mortar                                                                                                                                                                                                  | 1.00 | Cum  | 2064.71    | ₹ 2,064.71   |
| 1.4                                       | Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of                        |      |      |            |              |

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|        | Engineer-in-charge :                                                                                                                                                                                              |        |     |         |            |
| 4.1    | In cement mortar                                                                                                                                                                                                  | 1.00   | Cum | 2464.34 | ₹ 2,464.34 |
| 1.5    | Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead:                                                                                                |        |     |         |            |
| 1.5.1  | Of area 3 sq. metres and below                                                                                                                                                                                    | 1.00   | Sqm | 143.81  | ₹ 143.81   |
| 1.5.2  | Of area beyond 3 sq. metres                                                                                                                                                                                       | 1.00   | Sqm | 189.31  | ₹ 189.31   |
| 1.6    | Dismantling steel work in single sections including dismembering and stacking within 50 metres lead in:                                                                                                           |        |     |         |            |
| 1.6.1  | Channels, angles, tees and flats                                                                                                                                                                                  | 100.00 | Kg  | 2.31    | ₹ 230.50   |
| 1.7    | Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead. | 100.00 | Kg  | 5.66    | ₹ 566.24   |
| 1.8    | Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge                                          | 100.00 | Kg  | 3.86    | ₹ 385.84   |
| 1.9    | Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.                                                                                                |        |     |         |            |
| 1.9.1  | For thickness of tiles 10 mm to 25 mm                                                                                                                                                                             | 10.00  | Sqm | 73.56   | ₹ 735.61   |
| 1.10   | Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead                                                     | 5.00   | Sqm | 267.03  | ₹ 1,335.17 |
| 1.11   | Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead o                                                                                           |        |     |         |            |
| 1.11.1 | G.S. Sheet                                                                                                                                                                                                        | 1.00   | sqm | 165.31  | ₹ 165.31   |
| 1.12   | Dismantling and stacking within 50 metres lead, fencing posts or struts including all earth work and dismantling of concrete etc. in base                                                                         |        |     |         |            |

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|         | of:                                                                                                                                                                                                                                                                                                        |      |      |        |          |
| 1.12.1  | T' or 'L' iron or pipe                                                                                                                                                                                                                                                                                     | 1.00 | Nos. | 231.41 | ₹ 231.41 |
| 1.13    | Dismantling barbed wire or flexible wire rope in fencing including making rolls and stacking within 50 metres lead.                                                                                                                                                                                        | 1.00 | Kg   | 36.88  | ₹ 36.88  |
| 1.14    | Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50 metres lead.                                                                                                                      | 1.00 | Sqm  | 56.47  | ₹ 56.47  |
| 1.15    | Dismantling 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 :                                                                                                                 |      |      |        |          |
| 1.151.1 | Bituminous road                                                                                                                                                                                                                                                                                            | 1.00 | Sqm  | 429.44 | ₹ 429.44 |
| 1.16    | Taking out C.I. cover with frame from R.C.C. top slab of manholes of various sizes including demolishing of R.C.C. work manually/ by mechanical means and stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead as per direction of Engineer-in-charge. | 1.00 | Nos. | 698.93 | ₹ 698.93 |
| 1.17    | Dismantling of flushing cistern of all types (C.I./PVC/Vitreous China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.                                                                                                                 | 1.00 | Nos. | 112.30 | ₹ 112.30 |
| 1.18    | Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.                                                                      | 1.00 | Sqm  | 56.47  | ₹ 56.47  |
| 1.19    | Dismantling of flexible pavement (bituminous courses) by mechanical means and disposal of dismantled material up to a lead of 1 kilometre,                                                                                                                                                                 | 1.00 | Cum  | 421.72 | ₹ 421.72 |

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|       | as per direction of Engineer-in-charge.                                                                                                                                                                                                                                                                                                                                                                                                                 |       |     |        |            |
| 1.20  | Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.                                                                                                                                            | 1.00  | Cum | 264.53 | ₹ 264.53   |
| 2.1   | <b>Sub-Head : Carriage of Materials</b><br>Carriage of materials by Mechanical Transport including loading, unloading and stacking :                                                                                                                                                                                                                                                                                                                    |       |     |        |            |
| 2.1.1 | Earth - Lead 1.00 km                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.00  | Cum | 218.03 | ₹ 218.03   |
| 2.1.2 | Earth - Lead 2.00 km                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.00  | Cum | 246.36 | ₹ 246.36   |
| 2.1.3 | Earth - Lead 3.00 km                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.00  | Cum | 274.39 | ₹ 274.39   |
| 2.2   | Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5 cum or more. | 1.00  | Cum | 495.18 | ₹ 495.18   |
| 3.1   | <b>Sub-Head : Earth Work</b><br>Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth, 1.5m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth, lead up to 50m and lift up to 1.5m, as directed by Engineer-in-Charge.                                                                                                                           |       |     |        |            |
| 3.1.1 | All kinds of soil                                                                                                                                                                                                                                                                                                                                                                                                                                       | 50.00 | Cum | 177.89 | ₹ 8,894.44 |

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| 3.2   | Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. |        |     |        |             |
| 3.2.1 | All kinds of soil.                                                                                                                                                                                                                                                                                                                                            | 50.00  | Cum | 260.87 | ₹ 13,043.50 |
| 3.3   | Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.                                                                                                                    | 50.00  | Cum | 196.43 | ₹ 9,821.46  |
| 3.4   | Excavating, supplying, stacking and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in foundation trenches, plinth, sides of foundation etc. complete for all lift.                                                                      | 20.00  | Cum | 702.03 | ₹ 14,040.68 |
| 3.5   | Extra for every additional lift of 1.5 m or part thereof in excavation /banking excavated or stacked materials.                                                                                                                                                                                                                                               |        |     |        |             |
| 3.5.1 | All kinds of soil                                                                                                                                                                                                                                                                                                                                             | 50.00  | Cum | 127.08 | ₹ 6,353.88  |
| 3.6   | Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift upto1.5 m.                                                                                                                                                                                           |        |     |        |             |
| 3.6.1 | All kinds of soil.                                                                                                                                                                                                                                                                                                                                            | 100.00 | Sqm | 34.22  | ₹ 3,422.48  |
| 3.7   | Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50m outside the periphery of the area                                                                                                            | 500.00 | Sqm | 17.64  | ₹ 8,819.27  |

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|       | cleared.                                                                                                                                                                                                                                                                                                                  |        |      |         |             |
| 3.8   | Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.                                                                                                                                                                                                             | 100.00 | Sqm  | 8.97    | ₹ 896.96    |
| 3.9   | Felling trees of the girth (measured at a height of 1 m above ground level) including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material.                                                                                                     |        |      |         |             |
| 3.9.1 | Beyond 30 cm girth up to and including 60 cm girth                                                                                                                                                                                                                                                                        | 1.00   | Nos. | 533.52  | ₹ 533.52    |
| 4.1   | <b>Sub-Head : Concrete Work</b><br>Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :                                                                                                                                     |        |      |         |             |
| 4.1.1 | 1:1½:3 (1 Cement: 1½ coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).                                                                                                                                                                      | 1.00   | Cum  | 8359.12 | ₹ 8,359.12  |
| 4.2   | 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources).                                                                                                                                                                      | 5.00   | Cum  | 6826.92 | ₹ 34,134.59 |
| 4.3   | Centering and shuttering including strutting, propping etc. and removal of form work for :                                                                                                                                                                                                                                |        |      |         |             |
| 4.3.1 | Foundations, footings, bases for columns.                                                                                                                                                                                                                                                                                 | 50.00  | Sqm  | 393.01  | ₹ 19,650.44 |
| 4.4   | Providing and fixing up to floor five level precast cement concrete string or lacing courses, copings, bed plates, anchor blocks, plain window sills, shelves, louvers, steps, stair cases, etc. including hoisting and setting in position with cement mortar 1:3 (1 Cement : 3 coarse sand), cost of required Centering |        |      |         |             |

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|       | complete.                                                                                                                                                                                                                                |        |       |          |             |
| 4.4.1 | 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20mm nominal size derived from natural sources).                                                                                  | 1.00   | Cum   | 10127.23 | ₹ 10,127.23 |
| 5.1   | <b>Sub-Head : Reinforced Cement Concrete</b><br>Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : |        |       |          |             |
| 5.1.1 | 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)                                                                                  | 1.00   | Cum   | 9065.56  | ₹ 9,065.56  |
| 5.2   | Centering and shuttering including strutting, propping etc. and removal of form for :                                                                                                                                                    |        |       |          |             |
| 5.2.1 | Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.                                                                                                                                           | 10.00  | Sqm   | 844.35   | ₹ 8,443.45  |
| 5.2.2 | Suspended floors, roofs, landings, balconies and access platform                                                                                                                                                                         | 10.00  | Sqm   | 929.28   | ₹ 9,292.81  |
| 5.2.3 | Lintels, beams, plinth beams, girders, bressumers and cantilevers                                                                                                                                                                        | 10.00  | Sqm   | 738.01   | ₹ 7,380.13  |
| 5.2.4 | Columns, Pillars, Piers, Abutments, Posts and Struts                                                                                                                                                                                     | 10.00  | Sqm   | 963.41   | ₹ 9,634.05  |
| 5.3   | Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.                                                                                           |        |       |          |             |
| 5.3.1 | Thermo-Mechanically Treated bars of grade Fe-500D or more.                                                                                                                                                                               | 200.00 | Kg    | 108.09   | ₹ 21,617.24 |
| 5.4   | Add for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections                                                                                                                                               | 100.00 | Metre | 78.57    | ₹ 7,857.17  |

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| 5.5     | Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement |      |     |         |             |
| 5.5.1   | All works upto plinth level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |     |         |             |
| 5.5.1.1 | Concrete of M30 grade with minimum cement content of 350 kg /cum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2.00 | Cum | 9676.85 | ₹ 19,353.69 |
| 6.1     | <b><u>Sub-Head : Stone Work</u></b><br>Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level with :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |     |         |             |
| 6.1.1   | Cement mortar 1:6 (1 cement : 6 coarse sand).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1.00 | Cum | 7327.26 | ₹ 7,327.26  |

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| 6.2     | Random rubble masonry with hard stone in superstructure above plinth level and upto floor five level, including leveling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) at window sills, ceiling level and the like.                                                                                                                                                                                                                                                                                         |       |     |         |             |
| 6.2.1   | Cement mortar 1:6 (1 cement : 6 coarse sand).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1.00  | Cum | 9295.76 | ₹ 9,295.76  |
| 7.1     | <b><u>Sub-Head : Cladding Work</u></b><br>Providing and fixing 18 mm 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, approved shade, colour and texture laid over 20 mm thick base cement mortar 1 :4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc. complete at all levels. |       |     |         |             |
| 7.1.1   | Granite stone slab of colour black, Cherry/Ruby red                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |     |         |             |
| 7.1.1.1 | Area of slab upto 0.50 sqm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10.00 | Sqm | 5425.36 | ₹ 54,253.56 |
| 7.1.1.2 | Area of slab over 0.50 sqm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1.00  | Sqm | 5147.55 | ₹ 5,147.55  |
| 7.2     | Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.                                                 | 10.00 | Sqm | 1270.73 | ₹ 12,707.27 |

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| 8.1   | <b><u>Sub-Head : Wood and P.V.C. Work</u></b><br>Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. |       |      |         |             |
| 8.1.1 | 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws                                                                                                                                                                                                                                                              | 10.00 | Sqm  | 3174.89 | ₹ 31,748.88 |
| 8.2   | Extra for Providing and fixing flush doors with decorative veneering instead of non decorative ISI marked flush door shutters conforming to IS: 2202 (Part I)                                                                                                                                                                                   |       |      |         |             |
| 8.2.1 | On one side only.                                                                                                                                                                                                                                                                                                                               | 10.00 | Sqm  | 479.05  | ₹ 4,790.47  |
| 8.3   | 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.                                                                                                                                                       |       |      |         |             |
| 8.3.1 | Fixed to openings /wooden frames with rawl plugs screws etc.                                                                                                                                                                                                                                                                                    | 20.00 | Kg   | 238.87  | ₹ 4,777.44  |
| 8.4   | Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.                                                                                                                                                                     | 2.00  | Nos. | 1000.54 | ₹ 2,001.07  |
| 8.5   | Providing and fixing chromium plated brass handles with necessary screws etc. complete:                                                                                                                                                                                                                                                         |       |      |         |             |
| 8.5.1 | 125 mm                                                                                                                                                                                                                                                                                                                                          | 11.00 | Nos. | 231.56  | ₹ 2,547.12  |
| 8.6   | Providing and fixing chromium plated brass casement window fastener with necessary screws etc. complete.                                                                                                                                                                                                                                        | 10.00 | Nos. | 155.79  | ₹ 1,557.90  |
| 8.7   | Providing and fixing chromium plated brass casement stays (straight peg type) with necessary screws etc. complete :                                                                                                                                                                                                                             |       |      |         |             |
| 8.7.1 | 300 mm weighing not less than 330                                                                                                                                                                                                                                                                                                               | 10.00 | Nos. | 215.67  | ₹ 2,156.71  |

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|        | gms                                                                                                                                                                                                                                |       |       |        |            |
| 8.8    | 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 :             |       |       |        |            |
| 8.8.1  | 300x16 mm                                                                                                                                                                                                                          | 20.00 | Nos.  | 303.91 | ₹ 6,078.28 |
| 8.9    | 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. |       |       |        |            |
| 8.9.1  | Single rubber stopper                                                                                                                                                                                                              | 1.00  | Nos.  | 39.69  | ₹ 39.69    |
| 8.9.2  | Twin rubber stopper                                                                                                                                                                                                                | 1.00  | Nos.  | 72.51  | ₹ 72.51    |
| 8.10   | Providing and fixing aluminium tee channels (heavy duty) with rollers & stop end in pelmets as curtain rod.                                                                                                                        | 1.00  | Metre | 160.70 | ₹ 160.70   |
| 8.11   | Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete.                                                                                  |       |       |        |            |
| 8.11.1 | Triple strip vertical type                                                                                                                                                                                                         | 1.00  | Nos.  | 52.61  | ₹ 52.61    |
| 8.11.2 | Double strip (horizontal type)                                                                                                                                                                                                     | 1.00  | Nos.  | 39.79  | ₹ 39.79    |
| 8.12   | Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineer-in-charge.                                                                             | 1.00  | Set   | 415.11 | ₹ 415.11   |
| 8.13   | Providing and fixing sliding arrangement in racks/ cupboards/cabinets shutter with stainless steel rollers to run inside C or E aluminium channel section (The payment of C or E channel shall be made separately)                 | 5.00  | Nos.  | 20.44  | ₹ 102.22   |
| 8.14   | Providing and fixing stainless steel (SS-304 grade) friction hinges to the side/top hung uPVC windows, of approved quality, with necessary stainless steel screws etc. as per direction of Engineer-in-charge.                     |       |       |        |            |

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| 8.14.1 | 250 x 19 x 1.9 mm                                                                                                                                                                                                                                                                                           | 1.00 | Nos. | 423.48 | ₹ 423.48 |
| 8.14.2 | 300 x 19 x 1.9 mm                                                                                                                                                                                                                                                                                           | 1.00 | Nos. | 460.56 | ₹ 460.56 |
| 8.14.3 | 350 x 19 x 1.9 mm                                                                                                                                                                                                                                                                                           | 1.00 | Nos. | 625.97 | ₹ 625.97 |
| 8.14.4 | 400 x 19 x 1.9 mm                                                                                                                                                                                                                                                                                           | 1.00 | Nos. | 611.69 | ₹ 611.69 |
| 8.15   | Providing and fixing casement handle made of zinc alloyed (white powder coated) for uPVC casement window with necessary screws etc. complete.                                                                                                                                                               | 1.00 | Nos. | 231.56 | ₹ 231.56 |
| 8.16   | Providing and fixing zinc alloyed (white powder coated) touch lock for uPVC sliding window with necessary screws etc. complete.                                                                                                                                                                             | 1.00 | Nos. | 204.45 | ₹ 204.45 |
| 8.17   | Providing and fixing steel roller for uPVC sliding door with necessary screws etc. complete.                                                                                                                                                                                                                | 1.00 | Nos. | 185.91 | ₹ 185.91 |
| 8.18   | Providing and fixing steel (white power coated) crescent lock for uPVC sliding window/ door with necessary screws etc. complete.                                                                                                                                                                            | 1.00 | Nos. | 198.73 | ₹ 198.73 |
| 8.19   | Providing and fixing bright /matt finished Stainless Steel handles of approved quality & make with necessary screws etc all complete.                                                                                                                                                                       |      |      |        |          |
| 8.19.1 | 125mm                                                                                                                                                                                                                                                                                                       | 1.00 | Nos. | 119.46 | ₹ 119.46 |
| 8.19.2 | 100mm                                                                                                                                                                                                                                                                                                       | 1.00 | Nos. | 90.65  | ₹ 90.65  |
| 8.20   | Providing and fixing stainless steel fancy handle of approved make fixed with SS screws etc. complete as per direction of Engineer-in-charge.                                                                                                                                                               |      |      |        |          |
| 8.20.1 | 200 mm                                                                                                                                                                                                                                                                                                      | 1.00 | Nos. | 187.06 | ₹ 187.06 |
| 8.21   | Providing and fixing stainless steel soft closing heavy type telescopic drawer channels of approved make 500 mm long with screws etc. complete as per directions of Engineer- in-charge.                                                                                                                    | 1.00 | Set  | 887.04 | ₹ 887.04 |
| 9.1    | <b><u>Sub-Head : Aluminium Work</u></b><br>Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of |      |      |        |          |

|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |     |         |             |
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|         | required dia and size, including 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 / paneling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : |       |     |         |             |
| 9.1.1   | For fixed portion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |     |         |             |
| 9.1.1.1 | Powder coated aluminium (minimum thickness of powder coating 50 micron)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 20.00 | Kg  | 532.06  | ₹ 10,641.25 |
| 9.2     | For shutters of doors, windows & 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).                                                                                                                                                                                                                                                                         |       |     |         |             |
| 9.2.1   | Powder coated aluminium (minimum thickness of powder coating 50 micron)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 20.00 | Kg  | 635.84  | ₹ 12,716.79 |
| 9.3     | Providing and fixing 12mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS:12823 Grade 1 Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.                                                                                                                                                                      |       |     |         |             |
| 9.3.1   | Pre-laminated particle board with decorative lamination on both sides.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10.00 | Sqm | 1117.84 | ₹ 11,178.43 |

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| 9.4   | 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): |       |       |         |             |
| 9.4.1 | With float glass panes of 4.0 mm thickness (weight not less than 10 kg/sqm)                                                                                                                                                                                                                 | 10.00 | Sqm   | 1179.38 | ₹ 11,793.77 |
| 9.4.2 | With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)                                                                                                                                                                                                                | 10.00 | Sqm   | 1508.55 | ₹ 15,085.46 |
| 9.4.3 | With float glass panes of 8 mm thickness (weight not less than 20 kg/sqm)                                                                                                                                                                                                                   | 1.00  | Sqm   | 1689.09 | ₹ 1,689.09  |
| 9.5   | Filling the gap in between aluminium frame & 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.                                                           |       |       |         |             |
| 9.5.1 | Upto 5mm depth and 5 mm width                                                                                                                                                                                                                                                               | 10.00 | Metre | 96.96   | ₹ 969.62    |
| 9.6   | Providing and fixing stainless steel (SS 304 grade) adjustable friction windows stays of approved quality with necessary stainless steel screws etc. to the side hung windows as per direction of Engineer-in-charge complete.                                                              |       |       |         |             |
| 9.6.1 | 205 x 19 mm                                                                                                                                                                                                                                                                                 | 1.00  | Nos.  | 345.05  | ₹ 345.05    |
| 9.6.2 | 255 x 19 mm                                                                                                                                                                                                                                                                                 | 1.00  | Nos.  | 387.85  | ₹ 387.85    |
| 9.6.3 | 355 x 19 mm                                                                                                                                                                                                                                                                                 | 1.00  | Nos.  | 326.51  | ₹ 326.51    |
| 9.6.4 | 510 x 19 mm                                                                                                                                                                                                                                                                                 | 1.00  | Nos.  | 804.16  | ₹ 804.16    |
| 9.6.5 | 710 x 19 mm                                                                                                                                                                                                                                                                                 | 1.00  | Nos.  | 1481.39 | ₹ 1,481.39  |
| 9.7   | Providing and fixing aluminium tubular handle bar 32 mm outer dia, 3.0 mm thick & 2100 mm long with SS screws etc .complete as per direction of Engineer-in-Charge.                                                                                                                         |       |       |         |             |
| 9.7.1 | Powder coated minimum thickness 50 micron aluminium tubular                                                                                                                                                                                                                                 | 2.00  | Nos.  | 632.93  | ₹ 1,265.87  |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |      |         |             |
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|       | handle bar.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |      |         |             |
| 9.8   | Providing and fixing Brass 100mm mortice latch and lock with 6 levers without pair of handles (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.                                                                                                                                                                                                                                                                                                                                                                                                                  | 5.00  | Nos. | 530.01  | ₹ 2,650.04  |
| 9.9   | Providing and fixing aluminium casement windows fastener of required length for aluminium windows with necessary screws etc. complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |      |         |             |
| 9.9.1 | Powder coated minimum thickness 50 micron aluminium.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10.00 | Nos. | 98.16   | ₹ 981.65    |
| 9.9.2 | Polyester powder coated minimum thickness 50 micron aluminium.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10.00 | Nos. | 95.31   | ₹ 953.08    |
| 9.10  | Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P brass/ stainless steel screws @ 200mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment). | 1.00  | Kg   | 639.75  | ₹ 639.75    |
| 9.11  | Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & double acting hydraulic floor spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge (Door handle, lock and                                                                                                                                                                                                                                                     | 5.00  | Sqm  | 5337.56 | ₹ 26,687.82 |

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|        | stopper etc. to be paid separately).                                                                                                                                                                                                                                                                                                                                                 |      |       |         |            |
| 9.12   | Filling the gap in between aluminium/ stone/ wood frame and adjacent RCC/ Brick/ Stone/ wood/ Ceramic/ Gypsum work by providing weather/structural non sag elastomeric PU sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete complying to ASTM C920, DIN 18540-F & ISO 11600.                                    |      |       |         |            |
| 9.12.1 | Upto 5mm depth and 5 mm width                                                                                                                                                                                                                                                                                                                                                        | 1.00 | Metre | 148.42  | ₹ 148.42   |
| 9.12.2 | Upto 10 mm depth and 10 mm width                                                                                                                                                                                                                                                                                                                                                     | 1.00 | Metre | 201.39  | ₹ 201.39   |
| 9.12.3 | Upto 20 mm depth and 20 mm width                                                                                                                                                                                                                                                                                                                                                     | 1.00 | Metre | 364.00  | ₹ 364.00   |
| 10.1   | <b>Sub-Head : Steel Work</b><br>Providing and fixing carbon steel galvanised ( minimum coating 5 micron) dash fastener of 10 mm dia double threaded 6.8 grade (yield strength 480 N/mm <sup>2</sup> ), counter sunk head, comprising of 10 mm dia polyamide PA 6 grade sleeve, including drilling of hole in frame , concrete/ masonry, etc. as per direction of Engineer-in-charge. |      |       |         |            |
| 10.1.1 | 10 x 60 mm                                                                                                                                                                                                                                                                                                                                                                           | 1.00 | Nos.  | 131.39  | ₹ 131.39   |
| 10.1.2 | 10 x 80 mm                                                                                                                                                                                                                                                                                                                                                                           | 1.00 | Nos.  | 137.95  | ₹ 137.95   |
| 10.1.3 | 10 x 120 mm                                                                                                                                                                                                                                                                                                                                                                          | 1.00 | Nos.  | 171.32  | ₹ 171.32   |
| 10.2   | Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows all complete with :                                                                                                                                                                                                                                                          |      |       |         |            |
| 10.2.1 | 4.0 mm thick glass panes.                                                                                                                                                                                                                                                                                                                                                            | 1.00 | Sqm   | 1066.98 | ₹ 1,066.98 |
| 10.2.2 | 5.5 mm thick glass panes.                                                                                                                                                                                                                                                                                                                                                            | 1.00 | Sqm   | 1393.19 | ₹ 1,393.19 |
| 11.1   | <b>Sub-Head : Flooring</b><br>Cement concrete pavement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including finishing complete.                                                                                                                                                                                                            | 1.00 | Cum   | 8613.97 | ₹ 8,613.97 |

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| 11.2   | Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer ) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kgper sqm including pointing the joints with white cement mixed with pigment of matching shade complete. | 10.00 | Sqm | 1115.14 | ₹ 11,151.37 |
| 11.3   | Providing and laying rectified Glazed Ceramic floor tiles of size 300x300mm or more (thickness to be specified by the manufacturer), of 1stquality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4(1 Cement: 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete.                                                                              | 10.00 | Sqm | 1332.91 | ₹ 13,329.13 |
| 11.4   | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08%and conforming to IS : 15622 , of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete.                                                                                             |       |     |         |             |
| 11.4.1 | Size of Tile 600x600 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5.00  | Sqm | 1556.85 | ₹ 7,784.26  |
| 11.4.2 | Deduct for not using 20 mm thick cement mortar 1:4 (1 cement :                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10.00 | Sqm | -851.96 | -₹ 8,519.62 |

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|        | 4coarse sand) bedding in laying of floor tiles and jointing with grey cement slurry @ 3.3kg/sqm                                                                                                                                                                                                                                                                                                                                                  |       |     |         |            |
| 11.5   | Fixing glazed/ Ceramic/ Vitrified floor tiles with cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477, in average 3mm thickness.                                                                                                                                                                                                                                                                   | 10.00 | Sqm | 754.90  | ₹ 7,549.00 |
| 11.6   | Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer) with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make in all colours & shade in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1cement: 3 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joint with white cement & matching pigments etc. complete. |       |     |         |            |
| 11.6.1 | Size of Tile 600x600 mm                                                                                                                                                                                                                                                                                                                                                                                                                          | 5.00  | Sqm | 1626.60 | ₹ 8,133.02 |
| 11.7   | Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade(0.10 kg of hardener and 0.20 kg of resin per kg), including filling/grouting and finishing complete as per direction of Engineer-in-charge.                                                                                                                                                        |       |     |         |            |
| 11.7.1 | Size of Tile 500x500 mm                                                                                                                                                                                                                                                                                                                                                                                                                          | 10.00 | Sqm | 374.17  | ₹ 3,741.68 |
| 11.8   | Deduct for not grouting the joints with white cement and matching pigment in the items of fixing of vitrified tiles                                                                                                                                                                                                                                                                                                                              | 11.00 | Sqm | -13.33  | -₹ 146.62  |
| 11.9   | Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse                                                                                                                                        |       |     |         |            |

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|         | sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge :                                                                                                                                                                                                                                                                                                      |       |       |         |            |
| 11.9.1  | Flamed finish granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.00  | Sqm   | 3193.68 | ₹ 3,193.68 |
| 11.10   | Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. |       |       |         |            |
| 11.10.1 | Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1.00  | Sqm   | 4491.11 | ₹ 4,491.11 |
| 12.1    | <b>Sub-Head : Roofing</b><br>Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.                                                                                                                                                                                                                                                                        |       |       |         |            |
|         | (i)Single socketed pipes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |       |         |            |
| 12.1.1  | 75 mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10.00 | Metre | 249.34  | ₹ 2,493.45 |
| 12.1.2  | 110 mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10.00 | Metre | 378.23  | ₹ 3,782.27 |
| 12.2    | Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S.                                                                                                                                                                                                                                                                                                                                                                                                |       |       |         |            |

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|  | <p>sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37 mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50 mm long with 6 mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts &amp; bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre,</p>                                                                             |  |  |  |  |
|  | <p>shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of</p> |  |  |  |  |

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|        | primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :                                                                                                                                                                                                                                                                                                                                        |       |     |         |            |
| 12.2.1 | 12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- (Part I) : 2011 (Board with BIS certification marks)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5.00  | Sqm | 1358.77 | ₹ 6,793.85 |
| 12.2.2 | 12.5 mm thick tapered edge Glass Reinforced Gypsum (GRG) board conforming to IS: 2095- (Part 3) : 1996 (Board with BIS certification marks)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5.00  | Sqm | 1523.43 | ₹ 7,617.15 |
| 12.2.3 | 12.5 mm thick tapered edge gypsum moisture resistant board.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5.00  | Sqm | 1532.45 | ₹ 7,662.24 |
| 12.3   | Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-Charge) of total coated thickness 0.50 mm (base metal of minimum 0.45 mm thickness with total coating thickness of 0.05mm) 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 | 10.00 | Sqm | 740.27  | ₹ 7,402.68 |

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|          | 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.                                                                                                                                                                                        |       |       |         |             |
| 12.3.1   | Providing and fixing precoated galvanised steel sheet roofing accessories of total coated thickness 0.50 mm (base metal of minimum 0.45 mm thickness with total coating thickness of 0.05 mm) with Zinc coating 120 gram 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 using self drilling/ self tapping screws complete : |       |       |         |             |
| 12.3.1.1 | Flashings/ Aprons.( Upto 600 mm)                                                                                                                                                                                                                                                                                                                                                                                     | 2.00  | Metre | 486.66  | ₹ 973.33    |
| 12.3.1.2 | Gutter (600 mm over all girth)                                                                                                                                                                                                                                                                                                                                                                                       | 10.00 | Metre | 1316.58 | ₹ 13,165.77 |
| 13.1     | <b>Sub-Head : Finishing</b><br>12 mm cement plaster of mix :                                                                                                                                                                                                                                                                                                                                                         |       |       |         |             |
| 13.1.1   | 1:4 (1 cement: 4 fine sand)                                                                                                                                                                                                                                                                                                                                                                                          | 10.00 | Sqm   | 347.81  | ₹ 3,478.10  |
| 13.1.2   | 1:6 (1 cement: 6 fine sand)                                                                                                                                                                                                                                                                                                                                                                                          | 10.00 | Sqm   | 334.08  | ₹ 3,340.80  |
| 13.2     | 12 mm cement plaster finished with a floating coat of neat cement of mix :                                                                                                                                                                                                                                                                                                                                           |       |       |         |             |
| 13.2.1   | 1:3 (1 cement: 3 fine sand)                                                                                                                                                                                                                                                                                                                                                                                          | 1.00  | Sqm   | 440.21  | ₹ 440.21    |
| 13.2.2   | 1:4 (1 cement: 4 fine sand)                                                                                                                                                                                                                                                                                                                                                                                          | 1.00  | Sqm   | 426.48  | ₹ 426.48    |
| 13.3     | 18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5 (1 cement: 5 coarse sand) and a top layer 6 mm thick cement plaster 1:3 (1 cement: 3 coarse sand) finished rough with sponge.                                                                                                                                                                                                           | 1.00  | Sqm   | 538.63  | ₹ 538.63    |
| 13.4     | 6 mm cement plaster of mix :                                                                                                                                                                                                                                                                                                                                                                                         |       |       |         |             |
| 13.4.1   | 1:3 (1 cement: 3 fine sand)                                                                                                                                                                                                                                                                                                                                                                                          | 1.00  | Sqm   | 301.11  | ₹ 301.11    |

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| 13.5    | Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers.                                                                        | 1.00 | Per Bag of Cement | 22.15  | ₹ 22.15  |
| 13.6    | Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.                                                              | 1.00 | Sqm               | 263.28 | ₹ 263.28 |
| 13.7    | Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gram/litre, of approved manufacturer, of required shade and colour all complete :                      |      |                   |        |          |
| 13.7.1  | New work (two or more coats) over and including water thinnable priming coat with cement primer having VOC content less than 50 gram/litre                                                           | 1.00 | Sqm               | 186.06 | ₹ 186.06 |
| 13.8    | Finishing walls with water proofing cement paint of required shade :                                                                                                                                 |      |                   |        |          |
| 13.8.1  | New work (Two or more coats applied @ 3.84 kg/ 10 sqm).                                                                                                                                              | 1.00 | Sqm               | 117.16 | ₹ 117.16 |
| 13.9    | Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade                                                                                                 |      |                   |        |          |
| 13.9.1  | New work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/ 10 sqm)                                                              | 1.00 | Sqm               | 171.47 | ₹ 171.47 |
| 13.10   | Applying priming coat :                                                                                                                                                                              |      |                   |        |          |
| 13.10.1 | With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/steel works                                                                               | 1.00 | Sqm               | 67.55  | ₹ 67.55  |
| 13.11   | Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. |      |                   |        |          |
| 13.11.1 | On steel work                                                                                                                                                                                        | 1.00 | Sqm               | 242.28 | ₹ 242.28 |
| 13.12   | Applying a coat of mordant solution on G.S. sheet :                                                                                                                                                  |      |                   |        |          |
| 13.12.1 | With a solution of 38 gms of copper                                                                                                                                                                  | 1.00 | Sqm               | 63.49  | ₹ 63.49  |

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|         | acetate in a litre of soft water                                                                                                                                                                                                                                                                                                                                                                               |       |     |        |            |
| 13.12.2 | With a solution made of 13 gms of hydrochloric acid in a solution of 13 gms each of copper chloride, copper nitrate and ammonium chloride dissolved in a litre of soft water.                                                                                                                                                                                                                                  | 1.00  | Sqm | 63.19  | ₹ 63.19    |
| 13.13   | Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:                                                                                                                                                                                                                                                                                               |       |     |        |            |
| 13.13.1 | Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.                                                                                                                                                                                                                                                                                      | 1.00  | Sqm | 226.75 | ₹ 226.75   |
| 13.14   | Varnishing with varnish of approved brand and manufacture:                                                                                                                                                                                                                                                                                                                                                     |       |     |        |            |
| 13.14.1 | Two or more coats glue sizing with spar varnish or an under coat of flattening varnish.                                                                                                                                                                                                                                                                                                                        | 1.00  | Sqm | 237.42 | ₹ 237.42   |
| 13.15   | Providing and applying 12 mm thick (average) premixed formulated one coat gypsum lightweight plaster having additives and light weight aggregates as vermiculite/ per liter respectively conforming to IS: 2547 (Part- 1 & II) 1976, applied on hacked / uneven background such as bare brick/block/ RCC work on walls & ceiling at all floors and locations, finished in smooth line and level etc. complete. | 1.00  | Sqm | 469.93 | ₹ 469.93   |
| 13.16   | 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.                                                                                                                                                                                                                | 10.00 | Sqm | 156.39 | ₹ 1,563.92 |
| 13.17   | Distemping with 1st quality acrylic distemper (ready mixed) having VOC (Volatile Organic Compound ) content less than 50 gram/ litre, of approved brand and of required shade and colour complete to give an even shade.                                                                                                                                                                                       |       |     |        |            |
| 13.17.1 | Old work (one or more coats)                                                                                                                                                                                                                                                                                                                                                                                   | 10.00 | Sqm | 62.84  | ₹ 628.37   |

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| 13.18   | Wall painting with acrylic emulsion paint, 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.                          |       |     |        |            |
| 13.18.1 | One coat.                                                                                                                                                                                                                                                                  | 10.00 | Sqm | 92.20  | ₹ 922.01   |
| 13.18.2 | Two coats.                                                                                                                                                                                                                                                                 | 10.00 | Sqm | 137.75 | ₹ 1,377.51 |
| 13.19   | Wall painting with premium acrylic emulsion paint of interior grade, 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. |       |     |        |            |
| 13.19.1 | One coat.                                                                                                                                                                                                                                                                  | 10.00 | Sqm | 95.66  | ₹ 956.59   |
| 13.20   | Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound ) content.                                                                                                                                                 |       |     |        |            |
| 13.20.1 | With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre.                                                                                                                                                       | 10.00 | Sqm | 70.50  | ₹ 705.04   |
| 13.20.2 | With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre.                                                                                                                                                                            | 10.00 | Sqm | 74.11  | ₹ 741.12   |
| 13.21   | Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete                                                                                                                       | 10.00 | Sqm | 19.79  | ₹ 197.93   |
| 13.22   | Painting with oil type wood preservative of approved brand and manufacture :                                                                                                                                                                                               |       |     |        |            |
| 13.22.1 | Old work (one or more coats) .                                                                                                                                                                                                                                             | 10.00 | Sqm | 41.29  | ₹ 412.90   |
| 13.23   | Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :                                                                                                                                                          |       |     |        |            |
| 13.23.1 | One or more coats on old work.                                                                                                                                                                                                                                             | 10.00 | Sqm | 103.03 | ₹ 1,030.25 |
| 13.24   | Finishing walls with textured exterior paint of required shade :                                                                                                                                                                                                           |       |     |        |            |

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| 13.24.1 | Old work (One or more coats) applied @ 1.82 ltr/10 sqm.                                                                                                                                                                                                                                                                                                                              | 10.00  | Sqm   | 109.34  | ₹ 1,093.39  |
| 13.25   | Finishing walls with Acrylic Smooth exterior paint of required shade :                                                                                                                                                                                                                                                                                                               |        |       |         |             |
| 13.25.1 | Old work (One or more coat applied @ 0.90 ltr/10 sqm).                                                                                                                                                                                                                                                                                                                               | 200.00 | Sqm   | 80.83   | ₹ 16,165.32 |
| 13.26   | Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade :                                                                                                                                                                                                                                                                               |        |       |         |             |
| 13.26.1 | Old work (one or more coats applied @ 0.83 ltr/10 sqm).                                                                                                                                                                                                                                                                                                                              | 100.00 | Sqm   | 88.74   | ₹ 8,874.39  |
| 13.27   | Varnishing with varnish of approved brand and manufacture:                                                                                                                                                                                                                                                                                                                           |        |       |         |             |
| 13.27.1 | One or more coats with spar varnish.                                                                                                                                                                                                                                                                                                                                                 | 10.00  | Sqm   | 95.26   | ₹ 952.58    |
| 14.1    | <b><u>Sub-Head : Repairs to Buildings</u></b><br>Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-charge. |        |       |         |             |
| 14.1.1  | With cement mortar 1:4 (1 cement : 4 fine sand).                                                                                                                                                                                                                                                                                                                                     | 1.00   | Sqm   | 548.60  | ₹ 548.60    |
| 14.2    | Renewing glass panes, with putty and nails wherever necessary including racking out the old putty:                                                                                                                                                                                                                                                                                   |        |       |         |             |
| 14.2.1  | Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm).                                                                                                                                                                                                                                                                                                         | 1.00   | Sqm   | 1093.04 | ₹ 1,093.04  |
| 14.2.2  | Float glass panes of nominal thickness 5 mm (weight not less than 12.5kg/sqm).                                                                                                                                                                                                                                                                                                       | 1.00   | Sqm   | 1419.25 | ₹ 1,419.25  |
| 14.3    | Renewal of old putty of glass panes (length) .                                                                                                                                                                                                                                                                                                                                       | 10.00  | Metre | 56.27   | ₹ 562.73    |
| 14.4    | Raking out joints in lime or cement mortar and preparing the surface for re-pointing or replastering including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-                                                                                                                                                                             | 10.00  | Sqm   | 72.61   | ₹ 726.09    |

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|        | Charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |          |        |            |
| 14.5   | Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10.00 | kilo Ltr | 231.56 | ₹ 2,315.56 |
| 14.6   | Providing and fixing chromium plated brass butt hinges with necessary chromium plated brass screws etc. complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |          |        |            |
| 14.6.1 | 125x70x4 mm (ordinary type) .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10.00 | Nos.     | 171.42 | ₹ 1,714.25 |
| 14.6.2 | 100x70x4 mm (ordinary type) .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10.00 | Nos.     | 149.08 | ₹ 1,490.76 |
| 14.6.3 | 75x65x4 mm (heavy type) .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 10.00 | Nos.     | 181.40 | ₹ 1,813.96 |
| 14.70  | Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge. The elevational area of the scaffolding shall be measured for payment purpose. The payment shall be made once irrespective of duration of scaffolding. Note: - This item to be used for maintenance work judiciously, necessary deduction for scaffolding in the existing item to be done. | 10.00 | Sqm      | 338.99 | ₹ 3,389.91 |

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| 14.80 | Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In- Charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5.00    | Sqm  | 672.42 | ₹ 3,362.10 |
| 14.90 | Cleaning of terrace/loft water storage tank (inside surface area) up to 2000 litre capacity at all heights with coconut brushes, duster etc., removal of silt, rubbish from the tank and cleaning the tank with fresh water disinfecting with bleaching powder @ 0.5gm per litre capacity of tank, including marking the date of cleaning on the side of tank body with the help of stencil and paint and disposing of malba, all complete as per direction of Engineer-in-Charge. (The old date already written on tank should be removed with paint remover or black paint and if date is not written with the stencil or old date is not removed deduction will be made @ Rs. 0.10 per litre if during cleaning any GI fittings or ball cock is damaged that is to be repaired by contractor at his own cost and nothing extra will be paid on this account) | 5008.00 | Ltr  | 0.50   | ₹ 2,509.48 |
| 14.10 | Cleaning and de-silting of gully trap chamber, including removal of rubbish mixed with earth etc. and disposal of same, all as per the direction of Engineer-in-charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10.00   | Nos. | 108.54 | ₹ 1,085.37 |

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| 14.11 | Cleaning of choked sewer line by diesel running vehicle mounting hydraulic operated high pressure suction cum jetting sewer cleaning machine fitted with pump having 4000 litres suction capacity and 6000 litres water jetting tank capacity including skilled operator, supervising engineer etc. for cleaning and partial de-silting of manholes and de-chocking of sewer lines. De-chocking and flushing of sewer line from one manhole to another by high pressure jetting system of 2200 PSI for sewer line from 150mm dia upto 300mm dia for all depth.                                                                        | 10.00  | Metre | 341.50 | ₹ 3,414.96 |
| 14.12 | Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in-Charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1.00   | Nos.  | 134.39 | ₹ 134.39   |
| 14.13 | Hacking of CC flooring including cleaning for surface etc. complete as per direction of the Engineer-in-Charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 200.00 | Sqm   | 3.46   | ₹ 691.51   |
| 14.14 | Cleaning of under ground sump, Over Head R.C.C. Tank ( independent staging) including disposal of slit and rubbish, all as per direction of Engineer-in-Charge. The cleaning shall consist following operations:-<br>(i) Tank shall be emptied of water by pumping & bottom shall be cleaned of silt and other deposits.<br>(ii) Entire surface area of the sump shall then scrubbed thoroughly with wire brush etc. and pressure washed with water.<br>(iii) Chlorination of RCC internal surface by liquid chlorine.<br>(iv) The treated surface shall be dried using air jetting and all loose particles shall be removal from the | 1.00   | Sqm   | 85.04  | ₹ 85.04    |

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|       | surface.<br>(v) Finally the surface shall be treated with ultraviolet radiation etc. as per direction of Engineer-in-Charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |      |         |             |
| 15.10 | <b><u>Sub-Head : Road Work</u></b><br>Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road / vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density                                                                                                                                                                                                                                                                                                                            | 10.00 | Cum  | 1049.24 | ₹ 10,492.43 |
| 15.20 | Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 20.00 | Kg   | 126.03  | ₹ 2,520.51  |
| 15.30 | Providing and fixing Glow studs of size 100x20 mm made of heavy duty body shall be moulded ASA (Acrylic styrene Acrylonitrile) or HIP (High impact polystyrene) or ABS having electronically welded micro-prismatic lens with abrasion resistant coating as approved by Engineer in charge. The glow stud shall support a load of 13635 kg tested in accordance with ASTM D4280. The slope of retro- reflective surface shall be 35 (+/-5) degrees to base .The reflective panels on both sides with at least 12 cm of reflective area up each side. The luminance intensity should be as per the specification and shall be tested as described in ASTM I: 809 as recommended in BS: 873 part 4 : 1973. The studs shall be fixed to the Road surface using the adhesive | 10.00 | Nos. | 206.75  | ₹ 2,067.52  |

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|        | conforming to IS, as per procedure recommended by the manufacturer complete and as per direction of Engineer-in-charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |     |          |             |
| 15.40  | Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge). | 3.00 | Cum | 10139.76 | ₹ 30,419.27 |
| 15.50  | Construction of granular sub-base by providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.                                                                                                                         |      |     |          |             |
| 15.5.1 | With material conforming to Grade-I (size range 75 mm to 0.075 mm) having CBR Value-30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5.00 | Cum | 2790.10  | ₹ 13,950.48 |

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| 15.60 | Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm ) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paver finisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge. | 5.00   | Cum   | 2920.68 | ₹ 14,603.41 |
| 15.7  | Taking out existing kerb stones of all types from footpath/ central verge, including removal of mortar etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.                                                                                                                                                                                    | 50.00  | Metre | 39.44   | ₹ 1,971.81  |
| 15.8  | Taking out existing CC interlocking paver blocks from footpath/ central verge, including removal of rubbish etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.                                                                                                                                                                               | 200.00 | Sqm   | 132.04  | ₹ 26,407.71 |
| 15.90 | Laying old cement concrete interlocking paver blocks of any design/ shape laid in required line, level, curvature, colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer in-charge. (Old CC paver blocks shall be supplied by the department free of cost).                                                                                                                             | 100.00 | Sqm   | 403.83  | ₹ 40,383.25 |

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| 15.10   | Laying at or near ground level old kerb stones of all types in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement : 3 coarse sand), including making joints with or without grooves (thickness of joints, except at sharp curve, shall not be more than 5 mm), including making drainage opening wherever required etc. complete as per direction of Engineer -in-charge. (Length of finished kerb edging shall be measured for payment). (Old kerb stones shall be supplied by the department free of cost). | 55.00 | Metre | 109.69  | ₹ 6,032.93 |
| 15.11   | Providing and laying gang saw cut 30 mm thick, mirror polished pre moulded and pre polished machine cut granite stone of required size and shape of approved shade, colour and texture in footpath, flooring in road side plazas and similar locations, laid over 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement mixed with matching pigment, epoxy touch ups etc. complete as per direction of Engineer-in-Charge.                                                                    |       |       |         |            |
| 15.11.1 | With granite stone of all colour except black, cherry/ruby red of area less than 0.50 sqm                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1.00  | Sqm   | 5283.60 | ₹ 5,283.60 |
| 15.12   | Providing and laying matt finished vitrified tile of size 300x300x9.8mm having water absorption less than 0.5% and conforming to IS: 15622 of approved make in all colours and shades in outdoor floors such as footpath, court yard, multi modals location etc., laid on 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) in all shapes & patterns including grouting the joints with white cement mixed with                                                                                                                           | 5.00  | Sqm   | 1458.84 | ₹ 7,294.19 |

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|         | matching pigments etc. complete as per direction of Engineer-in-Charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |     |         |            |
| 15.13   | Providing and laying factory made chamfered edge Cement Concrete paver blocks In foot path, park & lawns driveway or light & traffic parking etc. of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of course sand, compacting and proper embedding/ laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand, all complete as per manufacturer's specifications & direction of Engineer in-Charge. |      |     |         |            |
| 15.13.1 | 80mm thick Cement concrete paver block of M-30 grade with approved colour, design & pattern.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1.00 | Sqm | 1093.89 | ₹ 1,093.89 |
| 15.14   | Providing and placing in position 100 mm thick factory made machine batched & machine mixed Precast RCC Rectangular Covers on drains of footpath of various sizes, of M-25 grade cement concrete for RCC work, including cost of centering, shuttering, reinforcement of 8 mm dia TMT bars of Fe 500 grade @ maximum 100mm c/c on both ways , neat cement punning on finished surface, properly encased on all edges with 1.6 mm thick , 100 mm wide MS sheet duly painted over priming coat , reinforcement to be welded at edges with MS sheet                                                                                                                                                           | 1.00 | Sqm | 3088.70 | ₹ 3,088.70 |

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|          | and providing 2 Nos. 12 mm dia bar for hooks etc i/c cost of cartage, all leads & lift, handling at site etc. all complete as per direction of Engineer-in-Charge.                                                    |       |      |         |             |
| 16.10    | <b>Sub-Head : Sanitary Installations</b><br>Providing and fixing controlled flush, low level cistern made of vitreous china with all fittings complete.                                                               |       |      |         |             |
| 16.1.1   | 10 litre (full flush) capacity-white                                                                                                                                                                                  | 1.00  | Nos. | 2248.66 | ₹ 2,248.66  |
| 16.20    | Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.                                                                                        | 5.00  | Nos. | 1037.07 | ₹ 5,185.33  |
| 16.30    | Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.                                                                                                               |       |      |         |             |
| 16.3.1   | Flexible pipe                                                                                                                                                                                                         |       |      |         |             |
| 16.3.1.1 | 40 mm dia                                                                                                                                                                                                             | 2.00  | Nos. | 119.81  | ₹ 239.62    |
| 16.3.2   | Providing and fixing 600x450 mm beveled 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             | 10.00 | Nos. | 1611.47 | ₹ 16,114.71 |
| 16.40    | Providing and filling the joints with spun yarn, cement slurry and cement mortar 1:2 ( 1 cement : 2 fine sand) in S.C.I./ C.I. Pipes :                                                                                |       |      |         |             |
| 16.4.1   | 100 mm dia pipe                                                                                                                                                                                                       | 30.00 | Nos. | 198.58  | ₹ 5,957.52  |
| 16.50    | Providing and fixing PTMT Bottle Trap for Wash basin and sink.                                                                                                                                                        |       |      |         |             |
| 16.5.1   | Bottle trap 38 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 263 gms | 25.00 | Nos. | 376.47  | ₹ 9,411.82  |

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| 17.10  | <b>Sub-Head : Water Supply</b><br>Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. : Internal work - Exposed on wall                                                              |       |       |        |            |
| 17.1.1 | 15 mm nominal outer dia. Pipes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10.00 | Metre | 287.43 | ₹ 2,874.28 |
| 17.1.2 | 20 mm nominal outer dia. Pipes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10.00 | Metre | 335.73 | ₹ 3,357.34 |
| 17.1.3 | 25 mm nominal outer dia .Pipes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10.00 | Metre | 402.43 | ₹ 4,024.29 |
| 17.1.4 | 32 mm nominal outer dia. Pipes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10.00 | Metre | 519.89 | ₹ 5,198.86 |
| 17.1.5 | 40 mm nominal outer dia. Pipes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10.00 | Metre | 704.49 | ₹ 7,044.89 |
| 17.1.6 | 50 mm nominal outer dia. Pipes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10.00 | Metre | 936.20 | ₹ 9,361.96 |
| 17.20  | Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. :Concealed work, including cutting chases and making good the walls etc. |       |       |        |            |
| 17.2.1 | 15 mm nominal outer dia .Pipes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10.00 | Metre | 498.89 | ₹ 4,988.90 |
| 17.2.2 | 20 mm nominal outer dia .Pipes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10.00 | Metre | 538.78 | ₹ 5,387.77 |
| 17.2.3 | 25 mm nominal outer dia .Pipes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10.00 | Metre | 628.62 | ₹ 6,286.24 |
| 17.2.4 | 32 mm nominal outer dia .Pipes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10.00 | Metre | 740.92 | ₹ 7,409.19 |
| 17.30  | Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded                                                                                                                                                                                                                                                                                                                                                          |       |       |        |            |

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|          | fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge : External work |       |       |         |            |
| 17.3.1   | 15 mm nominal outer dia. Pipes.                                                                                                                                                                  | 10.00 | Metre | 245.24  | ₹ 2,452.36 |
| 17.3.2   | 20 mm nominal outer dia. Pipes.                                                                                                                                                                  | 10.00 | Metre | 274.90  | ₹ 2,749.01 |
| 17.3.3   | 25 mm nominal outer dia. Pipes.                                                                                                                                                                  | 10.00 | Metre | 356.18  | ₹ 3,561.78 |
| 17.3.4   | 32 mm nominal outer dia. Pipes.                                                                                                                                                                  | 10.00 | Metre | 439.56  | ₹ 4,395.61 |
| 17.3.5   | 40 mm nominal outer dia. Pipes.                                                                                                                                                                  | 10.00 | Metre | 564.28  | ₹ 5,642.83 |
| 17.3.6   | 50 mm nominal outer dia. Pipes.                                                                                                                                                                  | 10.00 | Metre | 795.99  | ₹ 7,959.89 |
| 17.3.7   | 62.50 mm nominal inner dia. Pipes.                                                                                                                                                               | 3.00  | Metre | 1678.07 | ₹ 5,034.20 |
| 17.40    | Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. : Internal work – Exposed on wall.                                            |       |       |         |            |
| 17.4.1   | 15 mm dia. nominal bore                                                                                                                                                                          | 1.00  | Metre | 367.20  | ₹ 367.20   |
| 17.4.2   | 20 mm dia. nominal bore                                                                                                                                                                          | 1.00  | Metre | 438.26  | ₹ 438.26   |
| 17.4.3   | 25 mm dia. nominal bore                                                                                                                                                                          | 1.00  | Metre | 552.91  | ₹ 552.91   |
| 17.4.4   | 32 mm dia. nominal bore                                                                                                                                                                          | 1.00  | Metre | 668.46  | ₹ 668.46   |
| 17.4.5   | 40 mm dia. nominal bore                                                                                                                                                                          | 1.00  | Metre | 813.68  | ₹ 813.68   |
| 17.4.6   | 50 mm dia. nominal bore                                                                                                                                                                          | 1.00  | Metre | 1050.65 | ₹ 1,050.65 |
| 17.50    | Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. : External work                                                                               |       |       |         |            |
| 17.5.1   | 80 mm dia. nominal bore                                                                                                                                                                          | 1.00  | Metre | 1043.98 | ₹ 1,043.98 |
| 17.70    | Providing and fixing uplasticised PVC connection pipe with brass unions :                                                                                                                        |       |       |         |            |
| 17.7.1   | 30 cm length                                                                                                                                                                                     |       |       |         |            |
| 17.7.1.1 | 15 mm nominal bore                                                                                                                                                                               | 10.00 | Nos.  | 85.19   | ₹ 851.86   |
| 17.7.1.2 | 20 mm nominal bore                                                                                                                                                                               | 10.00 | Nos.  | 93.75   | ₹ 937.55   |
| 17.7.2   | 45 cm length                                                                                                                                                                                     |       |       |         |            |
| 17.7.2.1 | 15 mm nominal bore                                                                                                                                                                               | 50.00 | Nos.  | 97.96   | ₹ 4,898.20 |
| 17.7.2.2 | 20 mm nominal bore                                                                                                                                                                               | 20.00 | Nos.  | 119.31  | ₹ 2,386.21 |
| 17.80    | Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately) :                                     |       |       |         |            |
| 17.8.1   | 100 mm diameter                                                                                                                                                                                  |       |       |         |            |

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| 17.8.1.1 | Class II                                                                                                                                                                                                                             | 1.00 | Nos.  | 4996.77 | ₹ 4,996.77 |
| 17.8.2   | 150 mm diameter                                                                                                                                                                                                                      |      |       |         |            |
| 17.8.2.1 | Class II                                                                                                                                                                                                                             | 1.00 | Nos.  | 7328.41 | ₹ 7,328.41 |
| 17.90    | Painting G.I. pipes and fittings with synthetic enamel white paint with two coats over a ready mixed priming coat, both of approved quality for new work :                                                                           |      |       |         |            |
| 17.9.1   | 15 mm diameter pipe.                                                                                                                                                                                                                 | 1.00 | Metre | 19.44   | ₹ 19.44    |
| 17.9.2   | 20 mm diameter pipe.                                                                                                                                                                                                                 | 1.00 | Metre | 23.30   | ₹ 23.30    |
| 17.9.3   | 25 mm diameter pipe.                                                                                                                                                                                                                 | 1.00 | Metre | 30.32   | ₹ 30.32    |
| 17.9.4   | 32 mm diameter pipe.                                                                                                                                                                                                                 | 1.00 | Metre | 36.43   | ₹ 36.43    |
| 17.9.5   | 40 mm diameter pipe.                                                                                                                                                                                                                 | 1.00 | Metre | 42.74   | ₹ 42.74    |
| 17.9.6   | 50 mm diameter pipe.                                                                                                                                                                                                                 | 1.00 | Metre | 51.11   | ₹ 51.11    |
| 17.10    | Painting G.I. pipes and fittings with two coats of anti-corrosive bitumastic paint of approved quality :                                                                                                                             |      |       |         |            |
| 17.10.1  | 50 mm diameter pipe                                                                                                                                                                                                                  | 1.00 | Metre | 30.57   | ₹ 30.57    |
| 17.10.2  | 65 mm diameter pipe                                                                                                                                                                                                                  | 1.00 | Metre | 37.93   | ₹ 37.93    |
| 17.10.3  | 80 mm diameter pipe                                                                                                                                                                                                                  | 1.00 | Metre | 44.10   | ₹ 44.10    |
| 17.12    | Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws including excavation, refilling the earth or cutting of wall and making good the same complete wherever required : |      |       |         |            |
| 17.12.1  | 15 mm nominal bore.                                                                                                                                                                                                                  | 1.00 | Nos.  | 831.27  | ₹ 831.27   |
| 17.12.2  | 20 mm nominal bore.                                                                                                                                                                                                                  | 1.00 | Nos.  | 859.73  | ₹ 859.73   |
| 17.13    | Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931:                                                                                                                                                  |      |       |         |            |
| 17.13.1  | 15 mm nominal bore.                                                                                                                                                                                                                  | 1.00 | Nos.  | 507.91  | ₹ 507.91   |
| 17.14    | Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.                                                                                                |      |       |         |            |
| 17.14.1  | 15 mm nominal bore.                                                                                                                                                                                                                  | 1.00 | Nos.  | 822.50  | ₹ 822.50   |
| 17.15    | Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.                                                                                                                 |      |       |         |            |
| 17.15.1  | 15 mm nominal bore.                                                                                                                                                                                                                  | 1.00 | Nos.  | 671.92  | ₹ 671.92   |

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| 17.16     | Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 :                                                                                                                  |       |      |         |            |
| 17.17.1   | 15mm nominal bore                                                                                                                                                                                                                          | 1.00  | Nos. | 575.56  | ₹ 575.56   |
| 17.17     | Providing and fixing PTMT grating of approved quality and colour.                                                                                                                                                                          |       |      |         |            |
| 17.17.1   | Circular type.                                                                                                                                                                                                                             |       |      |         |            |
| 17.17.1.1 | 100 mm nominal dia.                                                                                                                                                                                                                        | 25.00 | Nos. | 37.68   | ₹ 942.06   |
| 17.17.1.2 | 125 mm nominal dia with 25 mm waste hole.                                                                                                                                                                                                  | 30.00 | Nos. | 51.96   | ₹ 1,558.91 |
| 17.18     | Providing and fixing enclosed type water meter (bulk type) conforming to IS : 2373 and tested by Municipal Board complete with bolts, nuts, rubber insertions etc. (The tail pieces if required will be paid separately) :                 |       |      |         |            |
| 17.18.1   | 80 mm dia nominal bore                                                                                                                                                                                                                     | 1.00  | Nos. | 3635.59 | ₹ 3,635.59 |
| 17.18.2   | 100 mm dia nominal bore                                                                                                                                                                                                                    | 1.00  | Nos. | 5480.33 | ₹ 5,480.33 |
| 17.19     | Providing and fixing PTMT soap Dish Holder having length of 138 mm, breadth 102 mm, height of 75 mm with concealed fitting arrangements. Weighing not less than 106 gms.                                                                   | 10.00 | Nos. | 111.69  | ₹ 1,116.94 |
| 17.22     | Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour.                                                                                                                  |       |      |         |            |
| 17.22.1   | 15 mm nominal bore with 30 cm length.                                                                                                                                                                                                      | 10.00 | Nos. | 96.56   | ₹ 965.61   |
| 17.22.2   | 15 mm nominal bore with 45 cm length.                                                                                                                                                                                                      | 10.00 | Nos. | 122.17  | ₹ 1,221.67 |
| 17.23     | Cutting holes up to 30x30 cm in walls including making good the same:                                                                                                                                                                      |       |      |         |            |
| 17.23.1   | With common burnt clay F.P.S. (non modular) bricks.                                                                                                                                                                                        | 10.00 | Nos. | 417.71  | ₹ 4,177.13 |
| 17.24     | Cutting holes up to 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal | 10.00 | Nos. | 452.99  | ₹ 4,529.90 |

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|          | size), including finishing complete so as to make it leak proof.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |       |          |             |
| 17.25    | Making chases up to 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10.00 | Metre | 203.34   | ₹ 2,033.44  |
| 17.26    | Making hole up to 20x20 cm and embedding pipes up to 150 mm diameter in masonry and filling with cement concrete 1:3:6 (1 cement: 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)including disposal of malba.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10.00 | Metre | 209.66   | ₹ 2,096.58  |
| 18.1     | <b><u>Sub-Head : Drainage</u></b><br>Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 coarse sand ) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : |       |       |          |             |
| 18.1.1   | 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) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |       |          |             |
| 18.1.1.1 | With common burnt clay F.P.S. (non modular) bricks of class designation 7.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1.00  | Nos.  | 12798.52 | ₹ 12,798.52 |

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| 18.2     | Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement and making necessary channels for the drain etc. complete :                                                                                                                                                                                                                                                                                                                            |      |      |         |            |
| 18.2.1   | For pipes 100 to 250 mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1.00 | Nos. | 812.22  | ₹ 812.22   |
| 18.2.2   | For pipes 250 to 300 mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1.00 | Nos. | 924.42  | ₹ 924.42   |
| 18.3     | Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 fine sand : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design: |      |      |         |            |
| 18.3.1   | Inside dimensions 455x610 mm and 45 cm deep for single pipe line :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |         |            |
| 18.3.1.1 | With common burnt clay F.P.S. (non modular) bricks of class designation 7.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.00 | Nos. | 6953.09 | ₹ 6,953.09 |
| 18.3.2   | Inside dimensions 500x700 mm and 45 cm deep for pipe line with one or two inlets :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |         |            |
| 18.3.2.1 | With common burnt clay F.P.S. (non modular) bricks of class designation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1.00 | Nos. | 8168.35 | ₹ 8,168.35 |

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|          | 7.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |      |         |            |
| 18.3.3   | Inside dimensions 600x850 mm and 45 cm deep for pipe line with three or more inlets :                                                                                                                                                                                                                                                                                                                                                                                                         |       |      |         |            |
| 18.3.3.1 | With common burnt clay F.P.S. (non modular) bricks of class designation 7.5                                                                                                                                                                                                                                                                                                                                                                                                                   | 1.00  | Nos. | 9615.36 | ₹ 9,615.36 |
| 19.1     | <b><u>Sub-Head : NEW TECHNOLOGIES AND MATERIALS</u></b><br>Chipping of unsound/weak concrete material from slabs, beams, columns etc. with manual Chisel and/ or by standard power driven percussion type or of approved make including tapering of all edges, making square shoulders of cavities including cleaning the exposed concrete surface and reinforcement with wire brushes etc. and disposal of debris for all lead and lifts all complete as per direction of Engineer-In-Charge |       |      |         |            |
| 19.1.1   | 25 mm average thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10.00 | Sqm  | 127.03  | ₹ 1,270.28 |
| 19.2     | Providing and injecting approved grout in proportion recommended by the manufacturer into cracks/honey-comb area of concrete/ masonry by suitable gun/pump at required pressure including cutting of nipples after curing etc. complete as per directions of Engineer-in- Charge. (The payment shall be made on the basis of actual weight of approved grout injected.)                                                                                                                       |       |      |         |            |
| 19.2.1   | Epoxy injection grout in concrete/RCC work of approved make                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10.00 | Kg   | 554.61  | ₹ 5,546.12 |
| 19.3     | Providing and inserting 12mm dia galvanised steel injection nipple in honey comb area and along crack line including drilling of holes of required diameter (20mm to 30mm) up to depth from 30mm to 80mm at required spacing and making the hole & crack dust free by blowing                                                                                                                                                                                                                 | 30.00 | Nos. | 237.42  | ₹ 7,122.56 |

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|                                                       | compressed air, sealing the distance between injection nipple with adhesive chemical of approved make and allow it to cure complete as per direction of Engineer-In-Charge.                                                                                                                                                                                                                            |        |       |         |             |
| 19.3.1                                                | Providing & Applying weather proof sealant on outer joints of approved make confirming to IS & directed by Engineer-in-charge.                                                                                                                                                                                                                                                                         |        |       |         |             |
| 19.3.1.1                                              | Sealant 25mmx10mm at joints                                                                                                                                                                                                                                                                                                                                                                            | 150.00 | Metre | 179.34  | ₹ 26,901.29 |
| <b><u>NON-DSR ITEMS: (From Sl. No. 20 to 322:</u></b> |                                                                                                                                                                                                                                                                                                                                                                                                        |        |       |         |             |
| 20.00                                                 | Hire charges for engaging Backhoe Loader (JCB/Equivalent make) including driver and fuel etc. all complete as per direction of Engineer-in-Charge.                                                                                                                                                                                                                                                     | 50.00  | Hrs   | 1384.00 | ₹ 69,200.00 |
| 21.00                                                 | Hire charges for engaging Tractor including driver and fuel etc. all complete as per direction of Engineer-in-Charge.                                                                                                                                                                                                                                                                                  | 2.00   | Day   | 4152.00 | ₹ 8,304.00  |
| 22.00                                                 | Hire and running charges for Dewatering pump 5 hp (diesel) including shifting to required location and fuel etc. all complete as per direction of Engineer-in-Charge.                                                                                                                                                                                                                                  | 10.00  | Hrs   | 441.00  | ₹ 4,410.00  |
| 23.00                                                 | Providing and laying solid concrete blocks masonry with block of M7.5 grade cement concrete block of required thickness as per drawing in foundation and plinth with RCC band and mullion as per structural detail in cement mortar 1:4 (1 cement : 4 coarse sand) all complete as per direction of Engineer. (The payment of RCC elements shuttering and reinforcement shall be made for separately). | 3.00   | Cum   | 6993.00 | ₹ 20,979.00 |
| 24.00                                                 | Providing and laying solid concrete blocks masonry with block of M7.5 grade cement concrete block of required thickness as per drawing in superstructure with RCC band and mullion as per structural detail in cement mortar 1:4 (1 cement : 4                                                                                                                                                         | 3.00   | Cum   | 8377.00 | ₹ 25,131.00 |

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|       | coarse sand) all complete as per direction of Engineer. (The payment of RCC elements shuttering and reinforcement shall be made for separately).                                                                                                    |       |      |         |            |
| 25.00 | supply and fixing of blackout film for window glass pannel / Fixed glass of existing window of required size, including Labour charges and fixing of necessary arrangements wherever required complete as per the directions of Engineer-in Charge. | 10.00 | Sqm  | 968.00  | ₹ 9,680.00 |
| 26.00 | Providing and Fixing of Bottle trap Brass (ESSCO ALE-773NL 190 X 125) Jaquar or Equivalent brand as approved by EIC                                                                                                                                 | 1.00  | Each | 1378.00 | ₹ 1,378.00 |
| 27.00 | Providing and Fixing of Pillar cock handle (FLR-CHR-5015) Jaquar or Equivalent brand as approved by EIC                                                                                                                                             | 2.00  | Each | 305.00  | ₹ 610.00   |
| 28.00 | Providing and Fixing of Pillar cocks (FLR-CHR-5015) Jaquar or Equivalent brand as approved by EIC                                                                                                                                                   | 1.00  | Each | 2192.00 | ₹ 2,192.00 |
| 29.00 | Providing and Fixing of Angle cock (FLR-5053N) Jaquar or Equivalent brand as approved by EIC                                                                                                                                                        | 1.00  | Each | 1322.00 | ₹ 1,322.00 |
| 30.00 | Providing and Fixing of PVC connection flexible (450mm) Jaquar or Equivalent brand as approved by EIC                                                                                                                                               | 10.00 | Each | 237.00  | ₹ 2,370.00 |
| 31.00 | Providing and Fixing of Urinal push cock spindle (PRS-CHR-077) FITTING-2WAY BIB COCK-5041-FLORA-ALL (ZCA-CHR-042) Jaquar or Equivalent brand as approved by EIC                                                                                     | 1.00  | Each | 1710.00 | ₹ 1,710.00 |
| 32.00 | Providing and Fixing of Toilet push cock button set (PRS-CHR-077) Jaquar or Equivalent brand as approved by EIC                                                                                                                                     | 1.00  | Each | 431.00  | ₹ 431.00   |
| 33.00 | Providing and Fixing of Urinal push cock set ( PRS-CHR-077) Jaquar or Equivalent brand as approved by EIC                                                                                                                                           | 1.00  | Each | 2842.00 | ₹ 2,842.00 |

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| 34.00 | Providing and Fixing of Urinal spreader (PRS-CHR-077) Jaquar or Equivalent brand as approved by EIC                                        | 1.00   | Each | 576.00  | ₹ 576.00      |
| 35.00 | Providing and Fixing of Towel rods (2feet) (CAN-CHR-1111NM) Jaquar or Equivalent brand as approved by EIC                                  | 5.00   | Each | 1493.00 | ₹ 7,465.00    |
| 36.00 | Providing and Fixing of Shower arm (SHA-487) Jaquar or Equivalent brand as approved by EIC                                                 | 1.00   | Each | 1419.00 | ₹ 1,419.00    |
| 37.00 | Providing and Fixing of Shower flower head (OHS-1989) Jaquar or Equivalent brand as approved by EIC                                        | 1.00   | Each | 1710.00 | ₹ 1,710.00    |
| 38.00 | Providing and Fixing of Health faucet with steel armround pipe, Gun and Holder Set (ALD-573) Jaquar or Equivalent brand as approved by EIC | 70.00  | Each | 1825.00 | ₹ 1,27,750.00 |
| 39.00 | Providing and Fixing of Health faucet Gun (ALD-573) Jaquar or Equivalent brand as approved by EIC                                          | 30.00  | Each | 1330.00 | ₹ 39,900.00   |
| 40.00 | Providing and Fixing of Health faucet steel armround pipe (ALD-573) Jaquar or Equivalent brand as approved by EIC                          | 100.00 | Each | 424.00  | ₹ 42,400.00   |
| 41.00 | Providing and Fixing of Health faucet lever (ALD-573) Jaquar or Equivalent brand as approved by EIC                                        | 50.00  | Each | 142.00  | ₹ 7,100.00    |
| 42.00 | Providing and Fixing of Health faucet Holder (ALD-573) Jaquar or Equivalent brand as approved by EIC                                       | 10.00  | Each | 157.00  | ₹ 1,570.00    |
| 43.00 | Providing and Fixing of Toilet paper roll holder (ACN-CHR-1151N) Jaquar or equivalent as approved by EIC                                   | 10.00  | Each | 1303.45 | ₹ 13,034.50   |
| 44.00 | Providing and Fixing of Double coat hooks (AQN-CHR-7761) Jaquar or equivalent as approved by EIC                                           | 10.00  | Each | 1378.00 | ₹ 13,780.00   |
| 45.00 | Providing and Fixing of Bottle Trap 32MM Size (ALD-CHR-769L300X190) Jaquar or equivalent                                                   | 10.00  | Each | 2185.50 | ₹ 21,855.00   |

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|       | as approved by EIC                                                                                                                                                                                                                  |       |      |         |             |
| 46.00 | Providing and Fixing of Procurement of 600x450 mm beveled edge mirror of superior glass (of approved quality) with 4 nos studs holes. Jaquar or Equivalent brand as approved by EIC                                                 | 1.00  | Each | 2337.00 | ₹ 2,337.00  |
| 47.00 | Providing and Fixing Soap Dispenser Continental Series ACN-CHR-1137N - Chrome Finish Jaquar or equivalent as approved by EIC                                                                                                        | 1.00  | Each | 4201.00 | ₹ 4,201.00  |
| 48.00 | Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade. Size of Tile 300x300 mm                                                              | 10.00 | Sqm  | 471.00  | ₹ 4,710.00  |
| 49.00 | Providing and Fixing of sink cock (FLR-5347 NGE) Jaquar or Equivalent make as approved by EIC                                                                                                                                       | 1.00  | Each | 2252.00 | ₹ 2,252.00  |
| 50.00 | Providing and Fixing of prismatic auto closing pillar cock (PRS-CHR-031) Jaquar or Equivalent make as approved by EIC                                                                                                               | 1.00  | Each | 2768.00 | ₹ 2,768.00  |
| 51.00 | Providing and Fixing of L Shape/Marble Stainless Steel Towerbolt, Size: 200mm / 8 ,complete as per the directions of Engineer in Charge.                                                                                            | 80.00 | Each | 307.00  | ₹ 24,560.00 |
| 52.00 | Providing and Fixing of mortise lock set as per existing door mortise lock of dorma or Equivalent approved make etc all complete as per the directions of Engineer in charge, complete as per the directions of Engineer in Charge. | 2.00  | Each | 2909.00 | ₹ 5,818.00  |
| 53.00 | Providing and Fixing of aluminium window handle for glass windows of approved make with handle of size 153 x 48 x 69 mm all complete as per the directions of Engineer in Charge.                                                   | 60.00 | Each | 656.00  | ₹ 39,360.00 |

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| 54.00 | Providing and Fixing of 8Pcs M4x60 Phillips Drive Flat Countersunk Head Fixing Cutting Slot Articulated Bolts Sleeves for Door Handle Hardware Lever Handle Screws Connecting etc, complete as per the directions of Engineer in Charge. | 20.00 | Each  | 251.00  | ₹ 5,020.00  |
| 55.00 | providing and fixing of 12.5 mm thick tapered edge gypsum moisture resistant board at the damaged area at the existing g.i sections of approved brand etc, complete as per the directions of Engineer-In-charge.                         | 10.00 | Each  | 489.00  | ₹ 4,890.00  |
| 56.00 | providing and fixing of 15 mm thick calcium silicate false ceiling tiles of size 595mm*595 mm at the damaged area at the existing g.i sections of approved brand etc, complete as per the directions of Engineer-In-charge.              | 10.00 | Each  | 489.00  | ₹ 4,890.00  |
| 57.00 | providing and fixing of 12.5 mm thick PVC laminated gypsum false ceiling tiles of size 595mm*595 mm at the damaged area at the existing g.i sections of approved brand etc, complete as per the directions of Engineer-In-charge.        | 10.00 | Sqm   | 481.00  | ₹ 4,810.00  |
| 58.00 | Providing and fixing of indicator lock set for bathroom partitions of approved make etc, all complete as per the directions of Engineer in Charge.                                                                                       | 10.00 | Each  | 1827.00 | ₹ 18,270.00 |
| 59.00 | Providing and fixing of SS curtain rods of approved thickness etc, complete as per the directions of engineer-In-Charge: 25 mm diameter.                                                                                                 | 10.00 | Metre | 165.00  | ₹ 1,650.00  |
| 60.00 | providing and fixing Door closure Dorma with screws with approved make etc. complete as per the directions of Engineer-In-charge.                                                                                                        | 1.00  | Each  | 2731.00 | ₹ 2,731.00  |
| 61.00 | Providing and fixing of SS curtain universal brackets of approved thickness etc, complete as per the directions of engineer-In-Charge: 25                                                                                                | 50.00 | Set   | 132.00  | ₹ 6,600.00  |

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|       | mm diameter.                                                                                                                                                   |        |       |         |             |
| 62.00 | providing and fixing 60 mm long thumb turn door lock cylinder of approved make Godrej or equivalent etc. complete as per the directions of Engineer-In-charge. | 5.00   | Each  | 783.00  | ₹ 3,915.00  |
| 63.00 | Providing and fixing of Ms powder coated brackets 20 mm dia of approved thickness etc ,complete as per the directions of engineer-In-Charge:                   | 10.00  | Set   | 120.00  | ₹ 1,200.00  |
| 64.00 | Providing and fixing of CP wall to wall bracket of approved thickness etc ,complete as per the directions of engineer-In-Charge:                               | 10.00  | Set   | 115.00  | ₹ 1,150.00  |
| 65.00 | providing and fixing SS aldrop 250 mm long with screws with approved make etc. complete as per the directions of Engineer-In-charge.                           | 2.00   | Each  | 1154.00 | ₹ 2,308.00  |
| 66.00 | providing and fixing Roller blinds chain with screws with approved make etc. complete as per the directions of Engineer-In-charge.                             | 10.00  | Metre | 126.00  | ₹ 1,260.00  |
| 67.00 | providing and fixing Roller blinds clamps set with screws with approved make etc. complete as per the directions of Engineer-In-charge.                        | 10.00  | Set   | 416.00  | ₹ 4,160.00  |
| 68.00 | Providing and fixing Hydraulic hinges cupboard set with screws with approved make etc. complete as per the directions of Engineer-In-charge.                   | 10.00  | Each  | 357.00  | ₹ 3,570.00  |
| 69.00 | Providing and Fixing of CRCL 12 Sliding window lock of approved make and model all complete as per the directions of EIC                                       | 100.00 | Each  | 243.00  | ₹ 24,300.00 |
| 70.00 | Providing and Fixing of Window handle of Alpha / approved make and model all complete as per the directions of EIC                                             | 30.00  | Each  | 670.00  | ₹ 20,100.00 |
| 71.00 | Providing and Fixing of CPVC 15mm end cap Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                                     | 100.00 | Each  | 48.00   | ₹ 4,800.00  |

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| 72.00 | Providing and Fixing of CPVC 20 mm<br>END cap<br>Sudhakar/Ashirvad/Astral /Hil<br>Birla/Equivalent as Approved by<br>Engineer-In-Charge | 100.00 | Each | 50.00  | ₹ 5,000.00 |
| 73.00 | Providing and Fixing of CPVC 25 mm<br>END cap<br>Sudhakar/Ashirvad/Astral /Hil<br>Birla/Equivalent as Approved by<br>Engineer-In-Charge | 20.00  | Each | 61.00  | ₹ 1,220.00 |
| 74.00 | Providing and Fixing of CPVC 32 mm<br>END cap<br>Sudhakar/Ashirvad/Astral /Hil<br>Birla/Equivalent as Approved by<br>Engineer-In-Charge | 10.00  | Each | 90.00  | ₹ 900.00   |
| 75.00 | Providing and Fixing of CPVC 50mm<br>END CAP<br>Sudhakar/Ashirvad/Astral /Hil<br>Birla/Equivalent as Approved by<br>Engineer-In-Charge  | 5.00   | Each | 201.00 | ₹ 1,005.00 |
| 76.00 | Providing and Fixing of CPVC 65mm<br>END CAP<br>Sudhakar/Ashirvad/Astral /Hil<br>Birla/Equivalent as Approved by<br>Engineer-In-Charge  | 1.00   | Each | 749.00 | ₹ 749.00   |
| 77.00 | Providing and Fixing of CPVC<br>Couplers 15mm<br>Sudhakar/Ashirvad/Astral /Hil<br>Birla/Equivalent as Approved by<br>Engineer-In-Charge | 10.00  | Each | 50.00  | ₹ 500.00   |
| 78.00 | Providing and Fixing of CPVC<br>Couplers 20mm<br>Sudhakar/Ashirvad/Astral /Hil<br>Birla/Equivalent as Approved by<br>Engineer-In-Charge | 50.00  | Each | 53.00  | ₹ 2,650.00 |
| 79.00 | Providing and Fixing of CPVC<br>Couplers 32mm<br>Sudhakar/Ashirvad/Astral /Hil<br>Birla/Equivalent as Approved by<br>Engineer-In-Charge | 50.00  | Each | 97.00  | ₹ 4,850.00 |
| 80.00 | Providing and Fixing of CPVC<br>Couplers 25mm<br>Sudhakar/Ashirvad/Astral /Hil<br>Birla/Equivalent as Approved by<br>Engineer-In-Charge | 50.00  | Each | 65.00  | ₹ 3,250.00 |

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| 81.00 | Providing and Fixing of CPVC coupler 40mm<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                             | 20.00 | Each | 246.00  | ₹ 4,920.00 |
| 82.00 | Providing and Fixing of CPVC Coupler 50mm<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                             | 11.00 | Each | 367.00  | ₹ 4,037.00 |
| 83.00 | Providing and Fixing of CPVC 3/4"x1/2" Brass Elbow<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                    | 1.00  | Each | 248.00  | ₹ 248.00   |
| 84.00 | Providing and Fixing of CPVC 20mm Ball valve Brass Threaded Two side<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 5.00  | Each | 535.00  | ₹ 2,675.00 |
| 85.00 | Providing and Fixing of CPVC 20mm Ball valve Brass Threaded one side<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 1.00  | Each | 471.00  | ₹ 471.00   |
| 86.00 | Providing and Fixing of CPVC 25mm Ball valve Brass Threaded one side<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 1.00  | Each | 705.00  | ₹ 705.00   |
| 87.00 | Providing and Fixing of CPVC 25mm Ball valve Brass Threaded Two side<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 1.00  | Each | 821.00  | ₹ 821.00   |
| 88.00 | Providing and Fixing of CPVC 32 mm Ball valve Brass Threaded one side<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 1.00  | Each | 1098.00 | ₹ 1,098.00 |
| 89.00 | Providing and Fixing of CPVC 32 mm Ball valve Brass Threaded Two side<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 1.00  | Each | 1206.00 | ₹ 1,206.00 |

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| 90.00 | Providing and Fixing of CPVC 15mm Ball valve handle Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 5.00  | Each | 63.00   | ₹ 315.00   |
| 91.00 | Providing and Fixing of CPVC 20mm Ball valve handle Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 5.00  | Each | 77.00   | ₹ 385.00   |
| 92.00 | Providing and Fixing of CPVC 25mm Ball valve handle Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 5.00  | Each | 83.00   | ₹ 415.00   |
| 93.00 | Providing and Fixing of CPVC 32 mm Ball valve handle Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 5.00  | Each | 116.00  | ₹ 580.00   |
| 94.00 | Providing and Fixing of CPVC 20mm clamps Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge             | 20.00 | Each | 40.00   | ₹ 800.00   |
| 95.00 | Providing and Fixing of CPVC 25 mm clamps Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge            | 20.00 | Each | 42.00   | ₹ 840.00   |
| 96.00 | Providing and Fixing of CPVC 32mm clamps Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge             | 10.00 | Each | 46.00   | ₹ 460.00   |
| 97.00 | Providing and Fixing of CPVC 40mm Clamp Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge              | 10.00 | Each | 49.00   | ₹ 490.00   |
| 98.00 | Providing and Fixing of CPVC Flanges 75 mm dia Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge       | 2.00  | Each | 2202.00 | ₹ 4,404.00 |
| 99.00 | Providing and Fixing of CPVC Flange 65 mm dia Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge        | 2.00  | Each | 1947.00 | ₹ 3,894.00 |

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| 100.00 | Providing and Fixing of CPVC Flange 50 mm dia Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                                    | 2.00  | Each  | 949.00 | ₹ 1,898.00 |
| 101.00 | Providing and Fixing of Reducing Male adapter Brass threaded 3/4"X 1/2" Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge          | 10.00 | Each  | 317.00 | ₹ 3,170.00 |
| 102.00 | Providing and Fixing of Tank Nipple washer 1 " Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                                   | 10.00 | Each  | 48.00  | ₹ 480.00   |
| 103.00 | Providing and Fixing of PVC 160mm Pipe 6 kg/cm2 - 1 metre including all fittings Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 3.00  | Metre | 967.00 | ₹ 2,901.00 |
| 104.00 | Providing and Fixing of PVC Type-B SWR 110 mm Pipe- 1 mtr including all fittings Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 3.00  | Metre | 493.00 | ₹ 1,479.00 |
| 105.00 | Providing and Fixing of PVC Type-B SWR 75 mm Pipe-1 mtr including all fittings Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge   | 3.00  | Metre | 149.00 | ₹ 447.00   |
| 106.00 | Providing and Fixing of PVC 63 mm Pipe- 1 mtr 4 kg/cm2 including all fittings Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge    | 3.00  | Metre | 149.00 | ₹ 447.00   |
| 107.00 | Providing and Fixing of PVC 50 mm Pipe- 1 mtr 6 kg/cm2 including all fittings Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge    | 20.00 | Metre | 140.00 | ₹ 2,800.00 |
| 108.00 | Providing and Fixing of PVC 40 mm Pipe- 1 mtr 6 kg/cm2 including all fittings Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved                          | 20.00 | Metre | 112.00 | ₹ 2,240.00 |

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|        | by Engineer-In-Charge                                                                                                                                      |       |       |        |            |
| 109.00 | Providing and Fixing of Pvc Pipe 32 mm -1 mtr PN10 including all fittings Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 20.00 | Metre | 112.00 | ₹ 2,240.00 |
| 110.00 | Providing and Fixing of PVC 160mm coupler Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                                 | 10.00 | Each  | 338.00 | ₹ 3,380.00 |
| 111.00 | Providing and Fixing of PVC SWR Type-B 160mm Coupler Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                      | 10.00 | Each  | 399.00 | ₹ 3,990.00 |
| 112.00 | Providing and Fixing of PVC SWR Type-B 110 mm Coupler Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                     | 10.00 | Each  | 211.00 | ₹ 2,110.00 |
| 113.00 | Providing and Fixing of PVC SWR Type-B 75 mm Coupler Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                      | 10.00 | Each  | 151.00 | ₹ 1,510.00 |
| 114.00 | Providing and Fixing of PVC 63 mm Coupler Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                                 | 10.00 | Each  | 105.00 | ₹ 1,050.00 |
| 115.00 | Providing and Fixing of PVC 50 mm Coupler Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                                 | 50.00 | Each  | 57.00  | ₹ 2,850.00 |
| 116.00 | Providing and Fixing of PVC 40 mm Coupler Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                                 | 50.00 | Each  | 54.00  | ₹ 2,700.00 |
| 117.00 | Providing and Fixing of Pvc 32 mm Coupler PN10 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                            | 20.00 | Each  | 48.00  | ₹ 960.00   |
| 118.00 | Providing and Fixing of PVC SWR 160 mm Equal Tee PN 6 Sudhakar/Ashirvad/Astral /Hil                                                                        | 10.00 | Each  | 518.00 | ₹ 5,180.00 |

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|        | Birla/Equivalent as Approved by Engineer-In-Charge                                                                                                |       |      |        |            |
| 119.00 | Providing and Fixing of PVC 110 mm Equal Tee<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                  | 10.00 | Each | 300.00 | ₹ 3,000.00 |
| 120.00 | Providing and Fixing of PVC 75 mm Equal Tee<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                   | 10.00 | Each | 182.00 | ₹ 1,820.00 |
| 121.00 | Providing and Fixing of PVC 63 mm Equal Tee<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                   | 10.00 | Each | 100.00 | ₹ 1,000.00 |
| 122.00 | Providing and Fixing of PVC 50 mm Equal Tee PN 6<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge              | 10.00 | Each | 77.00  | ₹ 770.00   |
| 123.00 | Providing and Fixing of PVC 40 mm Equal Tee PN 6<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge              | 10.00 | Each | 311.00 | ₹ 3,110.00 |
| 124.00 | Providing and Fixing of Pvc 32 mm Tee PN6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                        | 10.00 | Each | 303.00 | ₹ 3,030.00 |
| 125.00 | Providing and Fixing of PVC 160mm elbow 90 Degrees<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge            | 2.00  | Each | 323.00 | ₹ 646.00   |
| 126.00 | Providing and Fixing of PVC SWR 160 mm Elbow -90 degrees PN 6<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 10.00 | Each | 496.00 | ₹ 4,960.00 |
| 127.00 | Providing and Fixing of PVC SWR 160 mm Elbow -45 degrees PN 6<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 10.00 | Each | 433.00 | ₹ 4,330.00 |

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| 128.00 | Providing and Fixing of PVC SWR 110 mm Elbow 90 degrees PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge          | 10.00 | Each | 237.00 | ₹ 2,370.00 |
| 129.00 | Providing and Fixing of PVC SWR 110 mm Elbow 45 degrees PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge          | 10.00 | Each | 196.00 | ₹ 1,960.00 |
| 130.00 | Providing and Fixing of PVC SWR Type-B 75 mm Elbow 90 degrees PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge    | 10.00 | Each | 141.00 | ₹ 1,410.00 |
| 131.00 | Providing and Fixing of PVC 63 mm Elbow 90 degrees PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge               | 10.00 | Each | 84.00  | ₹ 840.00   |
| 132.00 | Providing and Fixing of PVC 50 mm Elbow 90 degrees PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge               | 30.00 | Each | 67.00  | ₹ 2,010.00 |
| 133.00 | Providing and Fixing of PVC 40 mm Elbow 90 degrees PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge               | 30.00 | Each | 59.00  | ₹ 1,770.00 |
| 134.00 | Providing and Fixing of PVC 75 mm Threaded Elbow PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                 | 10.00 | Each | 123.00 | ₹ 1,230.00 |
| 135.00 | Providing and Fixing of PVC 63 mm Threaded Elbow PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                 | 10.00 | Each | 102.00 | ₹ 1,020.00 |
| 136.00 | Providing and Fixing of PVC 75 mm X 63 mm Reduced Threaded Elbow PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 10.00 | Each | 130.00 | ₹ 1,300.00 |

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| 137.00 | Providing and Fixing of PVC 110 mm MTA PN 6<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 10.00 | Each | 143.00 | ₹ 1,430.00 |
| 138.00 | Providing and Fixing of PVC 110 mm FTA PN 6<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 10.00 | Each | 176.00 | ₹ 1,760.00 |
| 139.00 | Providing and Fixing of PVC 75 mm MTA PN 6<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 10.00 | Each | 81.00  | ₹ 810.00   |
| 140.00 | Providing and Fixing of PVC 75 mm FTA PN 6<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 10.00 | Each | 81.00  | ₹ 810.00   |
| 141.00 | Providing and Fixing of PVC 63 mm MTA PN 6<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 10.00 | Each | 66.00  | ₹ 660.00   |
| 142.00 | Providing and Fixing of PVC 63 mm FTA PN 6<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 10.00 | Each | 71.00  | ₹ 710.00   |
| 143.00 | Providing and Fixing of PVC 50 mm FTA PN 6<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 20.00 | Each | 56.00  | ₹ 1,120.00 |
| 144.00 | Providing and Fixing of PVC 50 mm MTA PN 6<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 20.00 | Each | 52.00  | ₹ 1,040.00 |
| 145.00 | Providing and Fixing of PVC 40 mm MTA PN 6<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 10.00 | Each | 48.00  | ₹ 480.00   |

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| 146.00 | Providing and Fixing of PVC 40 mm FTA PN 6<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                       | 20.00 | Each | 177.00 | ₹ 3,540.00 |
| 147.00 | Providing and Fixing of PVC 32 mm MTA PN 6<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                       | 30.00 | Each | 50.00  | ₹ 1,500.00 |
| 148.00 | Providing and Fixing of PVC 32 mm FTA PN 6<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                       | 30.00 | Each | 50.00  | ₹ 1,500.00 |
| 149.00 | Providing and Fixing of PVC 200 mm End cap plain PN 6 or reputed<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 1.00  | Each | 562.00 | ₹ 562.00   |
| 150.00 | Providing and Fixing of PVC 160 mm End cap plain PN 6<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge            | 1.00  | Each | 176.00 | ₹ 176.00   |
| 151.00 | Providing and Fixing of PVC 110 mm End cap plain PN 6<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge            | 1.00  | Each | 95.00  | ₹ 95.00    |
| 152.00 | Providing and Fixing of PVC 110 mm Threaded End cap PN 6<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge         | 1.00  | Each | 117.00 | ₹ 117.00   |
| 153.00 | Providing and Fixing of PVC 75 mm End cap plain PN 6<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge             | 1.00  | Each | 66.00  | ₹ 66.00    |
| 154.00 | Providing and Fixing of PVC 75 mm Threaded End cap PN 6<br>Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge          | 1.00  | Each | 71.00  | ₹ 71.00    |

|        |                                                                                                                                          |       |      |        |            |
|--------|------------------------------------------------------------------------------------------------------------------------------------------|-------|------|--------|------------|
| 155.00 | Providing and Fixing of PVC 63 mm End cap plain PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge    | 1.00  | Each | 58.00  | ₹ 58.00    |
| 156.00 | Providing and Fixing of PVC 63 mm Threaded End cap PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 1.00  | Each | 59.00  | ₹ 59.00    |
| 157.00 | Providing and Fixing of PVC 50 mm End cap plain PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge    | 5.00  | Each | 48.00  | ₹ 240.00   |
| 158.00 | Providing and Fixing of PVC 50 mm Threaded End cap PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 5.00  | Each | 55.00  | ₹ 275.00   |
| 159.00 | Providing and Fixing of PVC 40 mm End cap plain PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge    | 1.00  | Each | 42.00  | ₹ 42.00    |
| 160.00 | Providing and Fixing of PVC 40 mm Threaded End cap PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 10.00 | Each | 57.00  | ₹ 570.00   |
| 161.00 | Providing and Fixing of Pvc 32 mm End Cap PN6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge           | 10.00 | Each | 46.00  | ₹ 460.00   |
| 162.00 | Providing and Fixing of PVC 20 mm end cap Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge               | 10.00 | Each | 41.00  | ₹ 410.00   |
| 163.00 | Providing and Fixing of Pvc 25mm end cap Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge                | 10.00 | Each | 42.00  | ₹ 420.00   |
| 164.00 | Providing and Fixing of PVC 50 mm X 20 mm saddle PN 6 Sudhakar/Ashirvad/Astral /Hil                                                      | 10.00 | Each | 109.00 | ₹ 1,090.00 |

|        |                                                                                                                                                 |       |      |        |            |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|--------|------------|
|        | Birla/Equivalent as Approved by Engineer-In-Charge                                                                                              |       |      |        |            |
| 165.00 | Providing and Fixing of PVC 50 mm X 25 mm Threaded Saddle PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 10.00 | Each | 109.00 | ₹ 1,090.00 |
| 166.00 | Providing and Fixing of PVC 40 mm X 20 mm Threaded Saddle PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 10.00 | Each | 93.00  | ₹ 930.00   |
| 167.00 | Providing and Fixing of PVC 75 mm X 110 mm Reducer PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge        | 10.00 | Each | 125.00 | ₹ 1,250.00 |
| 168.00 | Providing and Fixing of PVC 63 mm X 110 mm Reducer PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge        | 10.00 | Each | 128.00 | ₹ 1,280.00 |
| 169.00 | Providing and Fixing of PVC 63 mm X 75 mm Reducer PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge         | 10.00 | Each | 75.00  | ₹ 750.00   |
| 170.00 | Providing and Fixing of PVC 40 mm X 50 mm Reducer PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge         | 10.00 | Each | 56.00  | ₹ 560.00   |
| 171.00 | Providing and Fixing of PVC 40 mm X 63 mm Reducer PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge         | 10.00 | Each | 69.00  | ₹ 690.00   |
| 172.00 | Providing and Fixing of PVC 40 mm X 75 mm Reducer PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge         | 10.00 | Each | 83.00  | ₹ 830.00   |
| 173.00 | Providing and Fixing of PVC 50 mm X 63 mm Reducer PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by                            | 10.00 | Each | 63.00  | ₹ 630.00   |

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|--------|----------------------------------------------------------------------------------------------------------------------------------------------|-------|------|--------|------------|
|        | Engineer-In-Charge                                                                                                                           |       |      |        |            |
| 174.00 | Providing and Fixing of PVC 50 mm X 75 mm Reducer PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge      | 10.00 | Each | 74.00  | ₹ 740.00   |
| 175.00 | Providing and Fixing of PVC40 mm X 32 mm Reducer PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge       | 10.00 | Each | 57.00  | ₹ 570.00   |
| 176.00 | Providing and Fixing of PVC50 mm X 32 mm Reducer PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge       | 10.00 | Each | 64.00  | ₹ 640.00   |
| 177.00 | Providing and Fixing of PVC110 mm X 160 mm Reducer PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge     | 10.00 | Each | 352.00 | ₹ 3,520.00 |
| 178.00 | Providing and Fixing of PVC110 mm X 160 mm Reducer TEE PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 5.00  | Each | 718.00 | ₹ 3,590.00 |
| 179.00 | Providing and Fixing of PVC160 mm X 75 mm Reducer TEE PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 1.00  | Each | 657.00 | ₹ 657.00   |
| 180.00 | Providing and Fixing of PVC110 mm X 75 mm Reducer TEE PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 1.00  | Each | 125.00 | ₹ 125.00   |
| 181.00 | Providing and Fixing of PVC75 mm X 63 mm Reducer TEE PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge   | 10.00 | Each | 151.00 | ₹ 1,510.00 |
| 182.00 | Providing and Fixing of PVC 63 mm X 75 mm Reducer TEE PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by                     | 10.00 | Each | 151.00 | ₹ 1,510.00 |

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|--------|---------------------------------------------------------------------------------------------------------------------------------------------|------|------|--------|----------|
|        | Engineer-In-Charge                                                                                                                          |      |      |        |          |
| 183.00 | Providing and Fixing of PVC 63 mm X 40 mm Reducer TEE PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 1.00 | Each | 100.00 | ₹ 100.00 |
| 184.00 | Providing and Fixing of PVC 160 mm Repairing coupler PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 1.00 | Each | 989.00 | ₹ 989.00 |
| 185.00 | Providing and Fixing of PVC 110 mm Repairing coupler PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 1.00 | Each | 445.00 | ₹ 445.00 |
| 186.00 | Providing and Fixing of PVC 75 mm Repairing coupler PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge   | 1.00 | Each | 264.00 | ₹ 264.00 |
| 187.00 | Providing and Fixing of PVC 63 mm Repairing coupler PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge   | 1.00 | Each | 196.00 | ₹ 196.00 |
| 188.00 | Providing and Fixing of PVC 160 mm Equal Door Tee PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge     | 1.00 | Each | 804.00 | ₹ 804.00 |
| 189.00 | Providing and Fixing of PVC 110 mm Equal Door Tee PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge     | 1.00 | Each | 270.00 | ₹ 270.00 |
| 190.00 | Providing and Fixing of PVC 75 mm Equal Door Tee PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge      | 1.00 | Each | 125.00 | ₹ 125.00 |
| 191.00 | Providing and Fixing of PVC 63 mm Equal Door Tee PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by                         | 1.00 | Each | 99.00  | ₹ 99.00  |

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|        | Engineer-In-Charge                                                                                                                        |       |      |        |            |
| 192.00 | Providing and Fixing of PVC 50 mm Equal DOOR Tee PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge    | 20.00 | Each | 77.00  | ₹ 1,540.00 |
| 193.00 | Providing and Fixing of PVC 40 mm Equal Plain Tee PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge   | 10.00 | Each | 61.00  | ₹ 610.00   |
| 194.00 | Providing and Fixing of PVC 160 mm Elbow PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge            | 10.00 | Each | 610.00 | ₹ 6,100.00 |
| 195.00 | Providing and Fixing of PVC 160 mm Equal Door Elbow PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 10.00 | Each | 319.00 | ₹ 3,190.00 |
| 196.00 | Providing and Fixing of PVC 110 mm Equal Door Elbow PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 10.00 | Each | 147.00 | ₹ 1,470.00 |
| 197.00 | Providing and Fixing of PVC 75 mm Equal Door Elbow PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 10.00 | Each | 103.00 | ₹ 1,030.00 |
| 198.00 | Providing and Fixing of PVC 63 mm Equal Door Elbow PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 1.00  | Each | 265.00 | ₹ 265.00   |
| 199.00 | Providing and Fixing of PVC 50 mm Equal DOOR Elbow PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 1.00  | Each | 81.00  | ₹ 81.00    |
| 200.00 | Providing and Fixing of PVC 40 mm Equal Plain Elbow PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by                    | 10.00 | Each | 70.00  | ₹ 700.00   |

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|        | Engineer-In-Charge                                                                                                                      |       |      |        |            |
| 201.00 | Providing and Fixing of PVC 110 mm 45 degree Bend PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 10.00 | Each | 148.00 | ₹ 1,480.00 |
| 202.00 | Providing and Fixing of PVC 75 mm45 degree Bend PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge   | 10.00 | Each | 87.00  | ₹ 870.00   |
| 203.00 | Providing and Fixing of PVC 63 mm 45 degree Bend PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 10.00 | Each | 104.00 | ₹ 1,040.00 |
| 204.00 | Providing and Fixing of PVC 50 mm 45 degree Bend PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 10.00 | Each | 76.00  | ₹ 760.00   |
| 205.00 | Providing and Fixing of PVC 40 mm 45 degree Bend PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge  | 10.00 | Each | 63.00  | ₹ 630.00   |
| 206.00 | Providing and Fixing of Pvc 32 mm Elbow PN10 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge           | 10.00 | Each | 59.00  | ₹ 590.00   |
| 207.00 | Providing and Fixing of Pvc 32 mm 45 Bend PN6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge          | 10.00 | Each | 67.00  | ₹ 670.00   |
| 208.00 | Providing and Fixing of PVC 110 mm Pipe clamps PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge    | 10.00 | Each | 80.00  | ₹ 800.00   |
| 209.00 | Providing and Fixing of PVC 75 mm Pipe clamps PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by                        | 10.00 | Each | 63.00  | ₹ 630.00   |

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|        | Engineer-In-Charge                                                                                                                  |       |      |         |            |
| 210.00 | Providing and Fixing of PVC 63 mm Pipe clamps PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 10.00 | Each | 61.00   | ₹ 610.00   |
| 211.00 | Providing and Fixing of PVC 50 mm Pipe clamps PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 10.00 | Each | 57.00   | ₹ 570.00   |
| 212.00 | Providing and Fixing of PVC 40 mm Pipe clamps PN 6 Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge | 10.00 | Each | 55.00   | ₹ 550.00   |
| 213.00 | Providing and Fixing of Pvc 32 mm Clamps Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Approved by Engineer-In-Charge           | 10.00 | Each | 52.00   | ₹ 520.00   |
| 214.00 | Providing and Fixing of SS Grating 4" Local make as Approved by Engineer-In-Charge                                                  | 20.00 | Each | 93.00   | ₹ 1,860.00 |
| 215.00 | Providing and Fixing of connection pipe washers Local make as Approved by Engineer-In-Charge                                        | 1.00  | Each | 98.00   | ₹ 98.00    |
| 216.00 | Providing and Fixing of Door eye viewer Local make as Approved by Engineer-In-Charge                                                | 1.00  | Each | 496.00  | ₹ 496.00   |
| 217.00 | Providing and Fixing of Door cap 110mm Local make as Approved by Engineer-In-Charge                                                 | 1.00  | Each | 338.00  | ₹ 338.00   |
| 218.00 | Providing and Fixing of Door cap 75mm Local make as Approved by Engineer-In-Charge                                                  | 1.00  | Each | 314.00  | ₹ 314.00   |
| 219.00 | Providing and Fixing of Flush tank syphon set (dual flush single piece) super flow or equivalent Approved by Engineer-In-Charge     | 1.00  | Each | 1282.00 | ₹ 1,282.00 |
| 220.00 | Providing and Fixing of Waste pipe Local make as Approved by Engineer-In-Charge                                                     | 50.00 | Each | 117.00  | ₹ 5,850.00 |
| 221.00 | Providing and Fixing of Pvc connection pipe PTMT - 2ft Local make as Approved by Engineer-In-                                       | 10.00 | Each | 131.00  | ₹ 1,310.00 |

|        | Charge                                                                                                                 |       |      |         |             |
|--------|------------------------------------------------------------------------------------------------------------------------|-------|------|---------|-------------|
| 222.00 | Providing and Fixing of PVC Waste coupling Reducer 50x40mm(threaded) Local make as Approved by Engineer-In-Charge      | 20.00 | Each | 228.00  | ₹ 4,560.00  |
| 223.00 | Providing and Fixing of SS Grating 75 mm Local make as Approved by Engineer-In-Charge                                  | 10.00 | Each | 145.00  | ₹ 1,450.00  |
| 224.00 | Providing and Fixing of SS Grating 50mm Local make as Approved by Engineer-In-Charge                                   | 1.00  | Each | 131.00  | ₹ 131.00    |
| 225.00 | Providing and Fixing of SS Grating 40 mm Local make as Approved by Engineer-In-Charge                                  | 1.00  | Each | 131.00  | ₹ 131.00    |
| 226.00 | Providing and Fixing of Wash basin (Cera Cruse -S2040111) CERA or Equivalent as Approved by Engineer-In-Charge         | 1.00  | Each | 3192.00 | ₹ 3,192.00  |
| 227.00 | Providing and Fixing of Washbasin (Cera cornet S2040104) CERA or Equivalent as Approved by Engineer-In-Charge          | 1.00  | Each | 3054.00 | ₹ 3,054.00  |
| 228.00 | Providing and Fixing of Rag bolts set (12mm) Local make as Approved by Engineer-In-Charge                              | 1.00  | Each | 560.00  | ₹ 560.00    |
| 229.00 | Providing and Fixing of Coupling nut 12mm for bolts Local make as Approved by Engineer-In-Charge                       | 1.00  | Each | 103.00  | ₹ 103.00    |
| 230.00 | Providing and Fixing of Flush tank Float valve (Super flow) Super flow or Equivalent as Approved by Engineer-In-Charge | 1.00  | Each | 851.00  | ₹ 851.00    |
| 231.00 | Providing and Fixing of Ceramic Tap Spindle Seico or Equivalent as Approved by Engineer-In-Charge                      | 1.00  | Each | 145.00  | ₹ 145.00    |
| 232.00 | Providing and Fixing of SS Towel rod (2 feet length) Local make as Approved by Engineer-In-Charge                      | 1.00  | Each | 834.00  | ₹ 834.00    |
| 233.00 | Providing and Fixing of SS Towel ring Local make as Approved by Engineer-In-Charge                                     | 1.00  | Each | 463.00  | ₹ 463.00    |
| 234.00 | Providing and Fixing of Seat Cover (For EWC Studio -20058) Local make as Approved by Engineer-In-Charge                | 20.00 | Each | 1543.00 | ₹ 30,860.00 |

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|--------|-----------------------------------------------------------------------------------------------------------------------|-------|------|---------|-------------|
| 235.00 | Providing and Fixing of Seat Cover (For cera make EWC - S1043101)Cera or Equivalent as Approved by Engineer-In-Charge | 8.00  | Each | 1613.00 | ₹ 12,904.00 |
| 236.00 | Providing and Fixing of EWC Seat Cover brackets (For EWC Studio - 20058) Local make as Approved by Engineer-In-Charge | 10.00 | Each | 230.00  | ₹ 2,300.00  |
| 237.00 | Providing and Fixing of Brass 50mm Float valve 50 mm dia Prayag or Equivalent as Approved by Engineer-In-Charge       | 1.00  | Each | 5191.00 | ₹ 5,191.00  |
| 238.00 | Providing and Fixing of Brass 40mm Float valve 50 mm dia Prayag or Equivalent as Approved by Engineer-In-Charge       | 1.00  | Each | 4035.00 | ₹ 4,035.00  |
| 239.00 | Providing and Fixing of Brass 32mm Float valve 50 mm dia Prayag or Equivalent as Approved by Engineer-In-Charge       | 1.00  | Each | 2865.00 | ₹ 2,865.00  |
| 240.00 | Providing and Fixing of Brass 25mm Float valve 50 mm dia Prayag or Equivalent as Approved by Engineer-In-Charge       | 1.00  | Each | 2443.00 | ₹ 2,443.00  |
| 241.00 | Providing and Fixing of Siphon set washers for flush tank Local make as Approved by Engineer-In-Charge                | 1.00  | Each | 55.00   | ₹ 55.00     |
| 242.00 | Providing and Fixing of WC Washer 4" size Local make as Approved by Engineer-In-Charge                                | 1.00  | Each | 271.00  | ₹ 271.00    |
| 243.00 | Providing and Fixing of 32 mm rubber washers(gasket) Local Make as approved by Engineer in charge                     | 1.00  | Each | 69.00   | ₹ 69.00     |
| 244.00 | Providing and Fixing of 40 mm rubber washers(gasket) Local Make as approved by Engineer in charge                     | 1.00  | Each | 75.00   | ₹ 75.00     |
| 245.00 | Providing and Fixing of 50mm rubber washers(gasket) Local Make as approved by Engineer in charge                      | 1.00  | Each | 78.00   | ₹ 78.00     |
| 246.00 | Providing and Fixing of 63mm Rubber washers (gasket) Local Make as approved by Engineer in charge                     | 1.00  | Each | 87.00   | ₹ 87.00     |
| 247.00 | Providing and Fixing of 75mm Rubber washers (gasket) Local Make as approved by Engineer in                            | 1.00  | Each | 89.00   | ₹ 89.00     |

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|--------|---------------------------------------------------------------------------------------------------------------|--------|------|--------|------------|
|        | charge                                                                                                        |        |      |        |            |
| 248.00 | Providing and Fixing of 90mm Rubber washers (gasket) Local Make as approved by Engineer in charge             | 1.00   | Each | 96.00  | ₹ 96.00    |
| 249.00 | Providing and Fixing of 110 mm Rubber washers (gasket) Local Make as approved by Engineer in charge           | 1.00   | Each | 103.00 | ₹ 103.00   |
| 250.00 | Providing and Fixing of 12mmX4" MS nut bolts with double washers Local Make as approved by Engineer in charge | 100.00 | Each | 67.00  | ₹ 6,700.00 |
| 251.00 | Providing and Fixing of 12mmX6" MS nut bolts with double washers Local Make as approved by Engineer in charge | 100.00 | Each | 73.00  | ₹ 7,300.00 |
| 252.00 | Providing and Fixing of HDPE Pipe T 32mm Supreme or equivalent as approved by Engineer in charge              | 10.00  | Each | 206.00 | ₹ 2,060.00 |
| 253.00 | Providing and Fixing of HDPE Pipe T 40mm Supreme or equivalent as approved by Engineer in charge              | 10.00  | Each | 246.00 | ₹ 2,460.00 |
| 254.00 | Providing and Fixing of HDPE Pipe T 50mm Supreme or equivalent as approved by Engineer in charge              | 10.00  | Each | 278.00 | ₹ 2,780.00 |
| 255.00 | Providing and Fixing of HDPE Pipe T 63mm Supreme or equivalent as approved by Engineer in charge              | 10.00  | Each | 392.00 | ₹ 3,920.00 |
| 256.00 | Providing and Fixing of HDPE Pipe T 75mm Supreme or equivalent as approved by Engineer in charge              | 10.00  | Each | 464.00 | ₹ 4,640.00 |
| 257.00 | Providing and Fixing of HDPE Pipe T 90 mm Supreme or equivalent as approved by Engineer in charge             | 10.00  | Each | 566.00 | ₹ 5,660.00 |
| 258.00 | Providing and Fixing of HDPE Pipe T 110 mm Supreme or equivalent as approved by Engineer in charge            | 1.00   | Each | 713.00 | ₹ 713.00   |
| 259.00 | Providing and Fixing of HDPE Pipe L bend 32mm Supreme or equivalent as approved by Engineer in charge         | 2.00   | Each | 227.00 | ₹ 454.00   |
| 260.00 | Providing and Fixing of HDPE Pipe L bend 40mm Supreme or equivalent as approved by Engineer in charge         | 10.00  | Each | 241.00 | ₹ 2,410.00 |

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| 261.00 | Providing and Fixing of HDPE Pipe L bend 50mm Supreme or equivalent as approved by Engineer in charge            | 10.00 | Each | 275.00 | ₹ 2,750.00 |
| 262.00 | Providing and Fixing of HDPE Pipe L bend 63mm Supreme or equivalent as approved by Engineer in charge            | 10.00 | Each | 347.00 | ₹ 3,470.00 |
| 263.00 | Providing and Fixing of HDPE Pipe L bend 75mm Supreme or equivalent as approved by Engineer in charge            | 10.00 | Each | 418.00 | ₹ 4,180.00 |
| 264.00 | Providing and Fixing of HDPE Pipe L bend 90 mm Supreme or equivalent as approved by Engineer in charge           | 10.00 | Each | 478.00 | ₹ 4,780.00 |
| 265.00 | Providing and Fixing of HDPE Pipe L bend 110 mm Supreme or equivalent as approved by Engineer in charge          | 10.00 | Each | 682.00 | ₹ 6,820.00 |
| 266.00 | Providing and Fixing of HDPE Pipe Reducer 25mm to 32mm Supreme or equivalent as approved by Engineer in charge   | 1.00  | Each | 217.00 | ₹ 217.00   |
| 267.00 | Providing and Fixing of HDPE Pipe Reducer 25mm to 40mm Supreme or equivalent as approved by Engineer in charge   | 1.00  | Each | 221.00 | ₹ 221.00   |
| 268.00 | Providing and Fixing of HDPE Pipe Reducer 32 mm to 40 mm Supreme or equivalent as approved by Engineer in charge | 10.00 | Each | 233.00 | ₹ 2,330.00 |
| 269.00 | Providing and Fixing of HDPE Pipe Reducer 40mm to 50 mm Supreme or equivalent as approved by Engineer in charge  | 10.00 | Each | 235.00 | ₹ 2,350.00 |
| 270.00 | Providing and Fixing of HDPE Pipe Reducer 32mm to 50 mm Supreme or equivalent as approved by Engineer in charge  | 10.00 | Each | 239.00 | ₹ 2,390.00 |
| 271.00 | Providing and Fixing of HDPE Pipe Reducer 63mm to 40mm Supreme or equivalent as approved by Engineer in charge   | 10.00 | Each | 263.00 | ₹ 2,630.00 |
| 272.00 | Providing and Fixing of HDPE Pipe Reducer 63mm to 50mm Supreme or equivalent as approved by Engineer in charge   | 10.00 | Each | 270.00 | ₹ 2,700.00 |
| 273.00 | Providing and Fixing of HDPE Pipe Reducer 75mm to 63mm Supreme                                                   | 10.00 | Each | 281.00 | ₹ 2,810.00 |

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|        | or equivalent as approved by Engineer in charge                                                                 |       |      |        |            |
| 274.00 | Providing and Fixing of HDPE Pipe Reducer 75mm to 50mm Supreme or equivalent as approved by Engineer in charge  | 10.00 | Each | 282.00 | ₹ 2,820.00 |
| 275.00 | Providing and Fixing of HDPE Pipe Reducer 90mm to 75mm Supreme or equivalent as approved by Engineer in charge  | 10.00 | Each | 298.00 | ₹ 2,980.00 |
| 276.00 | Providing and Fixing of HDPE Pipe Reducer 90mm to 63mm Supreme or equivalent as approved by Engineer in charge  | 10.00 | Each | 311.00 | ₹ 3,110.00 |
| 277.00 | Providing and Fixing of HDPE Pipe Reducer 90mm to 110mm Supreme or equivalent as approved by Engineer in charge | 10.00 | Each | 342.00 | ₹ 3,420.00 |
| 278.00 | Providing and Fixing of HDPE Pipe Reducer 75mm to 110mm Supreme or equivalent as approved by Engineer in charge | 10.00 | Each | 339.00 | ₹ 3,390.00 |
| 279.00 | Providing and Fixing of HDPE Flange 32mm Supreme or equivalent as approved by Engineer in charge                | 1.00  | Each | 194.00 | ₹ 194.00   |
| 280.00 | Providing and Fixing of HDPE Flange 40mm Supreme or equivalent as approved by Engineer in charge                | 10.00 | Each | 197.00 | ₹ 1,970.00 |
| 281.00 | Providing and Fixing of HDPE Flange 50mm Supreme or equivalent as approved by Engineer in charge                | 10.00 | Each | 198.00 | ₹ 1,980.00 |
| 282.00 | Providing and Fixing of HDPE Flange 63mm Supreme or equivalent as approved by Engineer in charge                | 10.00 | Each | 208.00 | ₹ 2,080.00 |
| 283.00 | Providing and Fixing of HDPE Flange 75 mm Supreme or equivalent as approved by Engineer in charge               | 10.00 | Each | 228.00 | ₹ 2,280.00 |
| 284.00 | Providing and Fixing of HDPE Flange 90 mm Supreme or equivalent as approved by Engineer in charge               | 10.00 | Each | 251.00 | ₹ 2,510.00 |

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| 285.00 | Providing and Fixing of HDPE Flange 110 mm Supreme or equivalent as approved by Engineer in charge | 10.00 | Each | 277.00 | ₹ 2,770.00 |
| 286.00 | Providing and Fixing of HDPE Collars 32mm Supreme or equivalent as approved by Engineer in charge  | 10.00 | Each | 201.00 | ₹ 2,010.00 |
| 287.00 | Providing and Fixing of HDPE Collars 40mm Supreme or equivalent as approved by Engineer in charge  | 10.00 | Each | 215.00 | ₹ 2,150.00 |
| 288.00 | Providing and Fixing of HDPE Collars 50mm Supreme or equivalent as approved by Engineer in charge  | 10.00 | Each | 228.00 | ₹ 2,280.00 |
| 289.00 | Providing and Fixing of HDPE Collars 63 mm Supreme or equivalent as approved by Engineer in charge | 10.00 | Each | 256.00 | ₹ 2,560.00 |
| 290.00 | Providing and Fixing of HDPE Collars 75mm Supreme or equivalent as approved by Engineer in charge  | 10.00 | Each | 309.00 | ₹ 3,090.00 |
| 291.00 | Providing and Fixing of HDPE Collars 90mm Supreme or equivalent as approved by Engineer in charge  | 10.00 | Each | 339.00 | ₹ 3,390.00 |
| 292.00 | Providing and Fixing of HDPE Collars 110mm Supreme or equivalent as approved by Engineer in charge | 10.00 | Each | 406.00 | ₹ 4,060.00 |
| 293.00 | Providing and Fixing of HDPE endcap 25mm Supreme or equivalent as approved by Engineer in charge   | 1.00  | Each | 201.00 | ₹ 201.00   |
| 294.00 | Providing and Fixing of HDPE endcap 32mm Supreme or equivalent as approved by Engineer in charge   | 5.00  | Each | 215.00 | ₹ 1,075.00 |
| 295.00 | Providing and Fixing of HDPE endcap 40mm Supreme or equivalent as approved by Engineer in charge   | 5.00  | Each | 228.00 | ₹ 1,140.00 |
| 296.00 | Providing and Fixing of HDPE endcap 50mm Supreme or                                                | 5.00  | Each | 242.00 | ₹ 1,210.00 |

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|        | equivalent as approved by Engineer in charge                                                                                                                                          |      |      |          |             |
| 297.00 | Providing and Fixing of HDPE endcap 63 mm Supreme or equivalent as approved by Engineer in charge                                                                                     | 5.00 | Each | 256.00   | ₹ 1,280.00  |
| 298.00 | Providing and Fixing of HDPE endcap 75mm Supreme or equivalent as approved by Engineer in charge                                                                                      | 5.00 | Each | 284.00   | ₹ 1,420.00  |
| 299.00 | Providing and Fixing of HDPE endcap 90mm Supreme or equivalent as approved by Engineer in charge                                                                                      | 5.00 | Each | 284.00   | ₹ 1,420.00  |
| 300.00 | Providing and Fixing of HDPE endcap 110mm Supreme or equivalent as approved by Engineer in charge                                                                                     | 1.00 | Each | 347.00   | ₹ 347.00    |
| 301.00 | Providing and Fixing of Hdpe Brass Service Saddle-50mm dia 20 mm Supreme or equivalent as approved by Engineer in charge                                                              | 1.00 | Each | 221.00   | ₹ 221.00    |
| 302.00 | Providing and Fixing of Hdpe Brass Service Saddle-50mm dia 25 mm Supreme or equivalent as approved by Engineer in charge                                                              | 1.00 | Each | 221.00   | ₹ 221.00    |
| 303.00 | Providing and Fixing of White vitreous china laboratory sink Size 600 x 450 x 200mm. Hindware model no 50002Hindware /Equivalent as Approved by Engineer-In-Charge                    | 1.00 | Each | 10475.00 | ₹ 10,475.00 |
| 304.00 | Providing and Fixing of White vitreous china laboratory sink Size 660 x 460 x 250mm. CERA model no S56010103 CERA /Equivalent as Approved by Engineer-In-Charge                       | 1.00 | Each | 9115.00  | ₹ 9,115.00  |
| 305.00 | Providing and Fixing of 15 mm dia. 3 way CP Brass Laboratory Sink Water Tap "Swan Neck" heavy duty type. Vijay make model no 891 AVijay /Equivalent as Approved by Engineer-In-Charge | 1.00 | Each | 3623.00  | ₹ 3,623.00  |
| 306.00 | Providing and Fixing of vitreous china wall mount water closet (Hindware EWC- 20047 or                                                                                                | 2.00 | Each | 11525.00 | ₹ 23,050.00 |

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|        | equivalent as approved ) with all fixtures etc Complete as per the directions of Engineer in charge                                                                                                               |       |              |         |             |
| 307.00 | Providing and Fixing of seat cover suitable for vitreous china wall mount water closet (Hindware EWC-20047 or equivalent as approved ) with all fixtures etc Complete as per the directions of Engineer in charge | 10.00 | Each         | 2046.00 | ₹ 20,460.00 |
| 308.00 | Providing and Fixing of Angle Cock suitable for Concealed cistern CERA Chevron or equivalent as approved Hindware or Equivalent brand as approved by EIC                                                          | 1.00  | Each         | 376.00  | ₹ 376.00    |
| 309.00 | Providing and Fixing of Seat cover for EWC of HINDWARE 92514 or equivalent as approved and as per the directions of Engineer in-charge                                                                            | 2.00  | Each         | 4459.00 | ₹ 8,918.00  |
| 310.00 | Providing and Fixing of seat cover of Hindware or equivalent approved make suitable for Hindware 20040 EWC and as per the directions of Engineer in-charge                                                        | 10.00 | Each         | 1780.00 | ₹ 17,800.00 |
| 311.00 | Providing and fixing VELCRO MESH using high strength double sided tape to aluminium kitchen window frames including installation and all complete as per the directions of Engineer-in-charge                     | 26.00 | Sqm          | 762.00  | ₹ 19,812.00 |
| 312.00 | Making hole in stone masonry / RCC wall/ RCC slab with core cutter for accommodating refrigerant pipe / drain pipe / MS pipe / cables etc. Dia per running inch length                                            |       |              |         |             |
| 313.00 | 50 mm                                                                                                                                                                                                             | 20.00 | Running inch | 80.00   | ₹ 1,600.00  |
| 314.00 | 100 mm                                                                                                                                                                                                            | 20.00 | Running inch | 165.00  | ₹ 3,300.00  |
| 315.00 | 150 mm                                                                                                                                                                                                            | 20.00 | Running inch | 250.00  | ₹ 5,000.00  |
| 316.00 | 200 mm                                                                                                                                                                                                            | 20.00 | Running inch | 340.00  | ₹ 6,800.00  |
| 317.00 | Providing and applying 100cm wide self-adhesive bituminous sealing tape of sika or equivalent approved                                                                                                            | 30.00 | Metre        | 246.00  | ₹ 7,380.00  |

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|        | make as per the directions of Engineer in Charge                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |      |         |                     |
| 318.00 | Providing and Fixing of angle cock for concealed cistern of Hindware Concealo 80 or its equivalent as approved Hindware or Equivalent brand as approved by EIC                                                                                                                                                                                                                                                                                                                                                        | 4.00  | Each | 376.00  | ₹ 1,504.00          |
| 319.00 | Supply of Unskilled manpower for miscellaneous works all complete as per the directions of Engineer in Charge.                                                                                                                                                                                                                                                                                                                                                                                                        | 20.00 | Each | 1145.00 | ₹ 22,900.00         |
| 320.00 | Supply of Semi-skilled manpower for miscellaneous works all complete as per the directions of Engineer in Charge.                                                                                                                                                                                                                                                                                                                                                                                                     | 20.00 | Each | 1271.00 | ₹ 25,420.00         |
| 321.00 | Supply of Skilled manpower for miscellaneous works all complete as per the directions of Engineer in Charge.                                                                                                                                                                                                                                                                                                                                                                                                          | 20.00 | Each | 1395.00 | ₹ 27,900.00         |
| 322.00 | Cleaning of under ground sump, Over Head R.C.C. Tank (independent staging) including disposal of slit and rubbish, all as per direction of Engineer-in-Charge. The cleaning shall consist following operations:-<br>(i) Tank shall be emptied of water by pumping & bottom shall be cleaned of silt and other deposits.<br>(ii) Entire surface area of the sump shall then scrubbed thoroughly with wire brush etc. and pressure washed with water.<br>(iii) Chlorination of RCC internal surface by liquid chlorine. | 1.00  | Sqm  | 54.00   | ₹ 54.00             |
|        | <b>Total Amount Rs.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |      |         | <b>23,79,813.00</b> |