



INDIAN STATISTICAL INSTITUTE, DELHI CENTRE
7 S.J.S MARG, KATWARIA SARAI
NEW DELHI 110016

NOTICE INVITING e-TENDER

NIT No- D/ISI/Civil AMC Work/2023-24/ 631

Dated : - 07/11/2023

Subject : Item wise Annual Rate Contract for Miscellaneous works related to Maintenance/minor works (addition/alteration/replacement) of buildings in Indian Statistical Institute, Delhi Centre, New Delhi – 110016 for a period of one year from the date of commencement of the contract

Online Tenders in Single bid system are invited from all eligible bidders for the following work at Indian Statistical Institute, 7, SJS, Sansanwal Marg, New Delhi 110 016. The Tender notice will be available on www.eprocure.gov.in/ www.isid.ac.in under Administrative Announcements and Tenders

Name of the Work: Miscellaneous works related to Maintenance/minor works (addition/alteration/replacement) of buildings in Indian Statistical Institute, Delhi Centre, New Delhi – 110016

Place of the Work: Indian Statistical Institute, Delhi Centre, 7, SJS Sansanwal Marg, New Delhi 110 016

Scope of the Work: The scope of work includes the works mentioned in the Schedule of Requirements

Duration of Contract: Initially for a period of 01 (one) year extendable on yearly basis for a maximum of two more years depending on the performance of the agency and need of the Institute and compliance with Terms and Conditions by the contractor.

Please refer to the tender document for further details.

श्रीमान् पद्वी

उप मुख्य कार्यकारी (प्रशासन)/

Deputy Chief Executive (Admn.)

Notice Inviting e-Tender (NIT) for Item wise Annual Rate Contract for Miscellaneous works related to Maintenance/minor works (addition/alteration/replacement) of buildings in Indian Statistical Institute, Delhi Centre, New Delhi – 110016 for a period of one year from the date of commencement of the contract

CONTENTS

| Sl. No. | Description | Page No. |
|---------|--|----------|
| 1 | Instructions to Bidders | 3-4 |
| 2. | Schedule of Requirements (Scope of Work) | 5 |
| 3. | Conditions of Contract | 6-11 |
| 4. | Details of the Bidder (Annexure-A) | 12-13 |
| 5. | Price Schedule (Annexure-B) | 14-47 |

INSTRUCTIONS TO BIDDERS

1. The interested bidders are advised to go through the tender document carefully and satisfy themselves against the eligibility criteria laid down therein.
2. Single bid system shall be followed for this tender. The bidders shall submit the “Details of the Bidder” in Annexure-A and “Price Schedule” in Annexure-B duly signed and stamped along with other self attested documents as mentioned in the NIT. Tender should be downloaded from www.eprocure.gov.in/ www.isid.ac.in under Administrative Announcements and Tenders.
3. The details provided in Annexure A & B, along with all enclosures, certificates etc. and corrections in the tender, if any, should be signed and stamped by the bidder before submission.
4. All the details should be provided in ink. Overwriting/applying correction fluid should be avoided.
5. The quotation shall remain valid for a period of 90 (Ninety) days from the date of opening the bid.
6. The acceptance of the tender in part or whole shall rest with the Competent Authority of the Institute, who reserves to himself/herself the authority to reject any or all the tenders received without assigning any reason thereof.
7. Bids, which do not fulfill any of the conditions mentioned hereinabove or hereinbelow or are incomplete in any respect, will be rejected.
8. Bidders must have the experience of execution of at least one similar type of work of an amount not less than RS 6 Lakhs during the last three years.
9. Bidders must have GST registration, valid PAN card.
10. The participating agencies shall submit the following self-attested documents along with their bids signed on each page:
 - (i) Photocopy of PAN Card.
 - (ii) Photocopy of GST Registration Certificate
 - (iii) Photocopy of Income Tax Return for the last three years
 - (iv) Photocopy of Work Order/Completion certificate of having executed at least one other similar type of work of an amount not below Rs. 6,00,000/- (Rs. Six Lakhs) during the last three years
 - (v) Details of the previous clients including Name, Address of the Firm and Contact number.
 - (vi) The original documents of PAN card, GST registration certificate, ITR, Completion Certificate and Firm details shall have to be produced by the successful bidder for verification before award of contract
11. Incomplete bids / conditional bids, bids received in any other mode except those mentioned in Instruction No. 2 or bids received after the last date will not be entertained and will be summarily rejected.
12. Before submitting the Bid, it is advisable that the tenderer acquaint himself with the premises so as to get an idea of the site he will be working at.
13. Bidders are asked to refer the Crucial Dates as given below for further information. Corrigendum to the Tender notice, if any, will also appear on www.eprocure.gov.in/ www.isid.ac.in.

While submitting the Tender for this work, the tenderers will be deemed to have read, understood and accepted all the terms and conditions laid down in the Tender document. Any doubts or clarifications with regard to the interpretation of the Terms and Conditions stipulated in this Tender enquiry, may be got clarified from Engineer (Civil), ISI, Delhi Centre, within the dates mentioned hereunder. Requests for postponing the Tender opening date for the same will not be accepted.

CRUCIAL DATES

| Sl. No. | Notice | Date | Time |
|---------|--|------------|----------|
| 1. | Publication of Tender notice | 07/11/2023 | 01:00 PM |
| 2. | Starting Date for Downloading of Documents | 08/11/2023 | 10:00 AM |
| 3. | Bid Submission Start Date | 08/11/2023 | 10:00 AM |
| 4. | Clarification Start Date | 08/11/2023 | 10:00 AM |
| 5. | Clarification End Date | 15/11/2023 | 05:00 PM |
| 6. | Pre Bid Meeting Date | 16/11/2023 | 02:00 PM |
| 7. | Bid Submission End Date | 28/11/2023 | 03:00 PM |
| 8. | Bid Opening Date | 29/11/2023 | 03:30 PM |

SCHEDULE OF REQUIREMENTS (SCOPE OF WORK)

The scope of work of the successful bidder (hereinafter referred to as contractor) at ISI Delhi Centre (hereinafter referred to as ISID) under the tender includes:

1. Miscellaneous works related to Maintenance/minor works (addition/alteration/replacement) of buildings in Indian Statistical Institute, Delhi Centre, New Delhi – 110016
2. Civil Maintenance will also include in its scope works such as – Earth work, Concrete work, Brick work, Mortar and Granite work, Wood and PVC work, Steel work, Flooring work, Roofing work, Finishing work, Repairs to buildings, Dismantling and demolishing work, Sanitary installation work, Water supply work, Aluminium work, Water-proofing work etc.
3. The contractor shall deploy his own material, manpower, tools and equipment.
4. The deployed agency or its deployed manpower will not be provided with any residential accommodation at the work place or transportation to or from workplace.
5. No freight charges for transport of materials to ISID premises or cost of labour will be provided by ISID.
6. Store room, if required, may be provided to the contractor as per the convenience of ISID.

GENERALS TERMS AND CONDITIONS OF CONTRACT

1. PERIOD OF VALIDITY OF THE CONTRACT

The contract shall remain valid for a period of one year from the date of commencement of the contract, extendable on yearly basis for a maximum period of two more years, depending upon the performance of the agency and need of ISID and compliance with Terms and Conditions by the contractor.

2. ELIGIBILITY CRITERIA

In order to be eligible for bidding, the Tendering firm must possess the following:

- a) A valid PAN card
- b) A valid GST Registration Certificate
- c) Copies of Income Tax Returns filed in the last 3 years
- d) Work Order/Completion Certificate of execution of one similar type of work of Civil maintenance of a contract value not less than Rs. 6,00,000/- (Rs. Six Lakhs) during the last three years
- e) Details of the previous clients including Name, Address of the Firm and Contact Number.

3. TERMS OF PAYMENT

Payment will be released to the contractor on job basis/monthly basis within 07 (seven) days of receipt of bill after the execution of awarded work, subject to satisfactory performance and submission of all relevant documents including a Completion Certificate from Engineer (Civil), ISID, as mentioned in the contract. No advance payment will be made to the contractor under any circumstances.

4. EMD

The EMD amount of Rs. 30,000/- (Rs. Thirty Thousand only) has to be submitted by way of Demand Draft drawn on any Scheduled Commercial Bank in favour of **Indian Statistical Institute, Delhi Centre**. Payment by any other mode will not be accepted. The DD shall be sent in a closed cover superscribing the words "EMD for Civil AMC Tender at ISI Delhi Centre" well in advance so as to reach the D.C.E (Admin), Indian Statistical Institute, Delhi Centre, 7, S.J.S. Sansanwal Marg, New Delhi – 110016 before the last date of submission of Tender. EMD of the tendering firms who submit the Tender but withdraw the same before expiry of the Tender validity date may be forfeited at the discretion of ISID.

5. SECURITY DEPOSIT

Payments shall be made based on the satisfactory actual work done and based on the actual measurement, after deduction of 5%, which shall be kept as security to cover the defects liability for a period of six months from the date of completion. During this period, in case any defect is detected in the executed job then the same shall be got rectified immediately by the contractor at no extra payment. The security deposit so submitted shall bear no interest. The Security Deposit will be forfeited if the contractor fails to execute the work partially or fully according to the terms and conditions of LOI/ Work Order for any reason whatsoever.

6. RATES

The rates quoted in Annexure B are as per CPWD's DSR-2021. Rates should be quoted on % above/below basis in the enclosed Performa as per Annexure B attached with the Tender document. For items not covered within the scope of the Tender, the rates should be % above/below DSR rates as quoted in the tender document. All rates should be inclusive of GST. Rates may be change of any items if any correction/modification slip revised by the CPWD during the currency of the contract.

7. EMPLOYMENT OBLIGATION

There will be no Employer-Employee relationship whatsoever between ISID and the workers to be deployed by the contractor under the contract and no claim for any employment will be entertained or tenable. The contractor shall render the services to ISID as an independent contractor and it shall be the sole responsibility of the contractor to regulate their terms of employment with the engaged persons without any liability whatsoever on ISID. The contractor shall comply with all the relevant Acts, Rules, Laws and other statutory provisions, regulations, by-laws etc. in connection with execution of the work which are currently in force or to be enforced/revised by the Government from time to time.

8. AWARD OF CONTRACT

ISID will award the contract to the bidder whose Bid has been determined to be substantially responsive and who has offered the lowest evaluated tender price.

Notwithstanding the above, ISID reserves the right to seek previous Work Orders, references etc. and to accept or reject any quotations and to cancel the process and reject all tenders at any time prior to award of contract.

The bidder whose rate is accepted will be notified for the award of contract by ISID prior to expiry of the Tender validity period. The terms and conditions stipulated in the Tender document shall be fully applicable to the resultant contract and taken as an integral part of the contract concluded on the basis of this Tender Enquiry.

Contract will be awarded to the firm offering the lowest/Net Bundled price and not with the reference to the lowest prices quoted for the sub-items. The issuance of Work Order will depend upon the requirement of the ISID and on actual basis.

In case two firms quote the same rate (that is, % above/below to CPWD's DSR-2021), then the total tendering process will be cancelled.

9. DISCIPLINE

The contractor shall maintain strict discipline among their workforce and shall review their performance at regular intervals. Personnel employed by the contractor, who are found to be indisciplined or whose performance is not satisfactory, as noticed by the contractor or as reported by the authorized officer of ISID, shall be replaced by the contractor immediately without causing any disruption in the assigned work. The contractor shall be solely and fully responsible and liable for the act, conduct and behavior of their personnel. In case of any misconduct and/or criminal activities by any of their personnel, the matter will be brought to the notice of the contractor by ISID for necessary action. The contractor shall remain liable for any damage caused to the property or person of ISID by any person engaged by him. In addition, ISID reserves the right to initiate legal proceedings against such person or persons and/or the contractor for recovery of damages so caused.

10. PENALTY

In the event the contractor fails to comply with any of the clauses of the contract or any other statutory requirement that is binding upon him, ISID shall deduct an amount equal to 10% from the running bill.

In case of financial loss/liability incurred due to negligence/default on the part of the contractor or his staff, non-compliance of the provisions of the applicable Acts/statutes/Legislation/Rules or regulations relevant to the contract, ISID reserves the right to recover such monetary losses from the running bills/security deposit of the contractor.

The contractor shall maintain a high quality of work under the scope of the contract. If any defect in quality is noticed, then the same shall be got rectified by him within 48 hours at his own cost.

The successful bidder has to start the work within 24 hours of issuance of Work Instruction and complete the work within the time frame as stipulated by the Engineer (Civil) of ISID, failing which, ISID will recover Compensation for Delay of work @ 1% per month of delay to be computed on per day basis of the Tended Value of work/total amount of bill.

11. STATUTORY DEDUCTIONS

All the statutory deductions towards GST / Income Tax etc. shall be made from the bill/s as applicable as per the prevailing rates under the rules. TDS as applicable will be deducted from each bill of the contractor under the statutory rules of the Union Govt., in respect of Income Tax and other taxes. No claim on account of any other statutory charges for execution of work awarded under this contract will be entertained by ISID and such charges should be paid by the contractor himself.

12. INDEMNIFICATION

ISID shall have no liability whatsoever towards the persons deployed by the contractor for the subject of work. The contractor shall keep ISID indemnified against all losses/damages/liabilities/claims arising out of deployment of the contractor's workers during the period of the contract. Any claim which may arise during the currency of the contract or at any subsequent point of time, shall be the sole responsibility of the contractor and ISID shall in no way be held responsible for it.

13. LIABILITY AGAINST LOSS OR DAMAGE TO LIFE OR PROPERTY

The contractor shall be liable to pay ISID for any loss/damage caused as a result of theft/pilferage of any property of ISID from the premises where the staffs of the contractor have been deployed, provided such loss/damage is due to the negligence of the contractor or its deployed manpower.

The contractor shall also be liable for the consequences of any incident of major/minor injury or accident or death caused to any of its worker arising out of or in the course of his employment under the scope of the contract.

ISID shall not be responsible for any injury or loss of life in respect of the contractor that may take place while on work. Any compensation or expenditure towards treatment for such injury or loss of life shall be the sole responsibility of the contractor. The contractor shall be solely responsible for any damage, injury or accident that may occur to any of his personnel working under his contract. No claim whatsoever arises to ISID.

14. LIQUIDATED DAMAGES

If the contractor fails to execute the contract either in full or in part or fails to observe the terms and conditions set hereinabove or hereinbelow, the entire loss/damage sustained by ISID shall be reimbursed by the contractor and/or will be recovered from the contractor's running bills. In case of financial loss/liability incurred due to the negligence/default of the contractor, the same will be recovered from the contractor's running bills.

15. TERMINATION OF THE CONTRACT IN FULL OR IN PART

The contract will be automatically terminated upon the expiry of the period of the contract. The contract may also be terminated by either of the parties after serving a notice of one month to the other party or payment of charges in lieu thereof. Any complaints pending on the day of giving notice and also before the expiry of the notice served shall have to be attended in accordance with the terms and conditions of the contract.

ISID may terminate the contract in full or part, subject to the said provision, in case of failure/neglect/default/refusal on the part of the contractor to perform satisfactorily as per the scope of the contract. In such

an event, ISID reserves the right to get the balance work executed through alternate source(s) at the risk and cost of the contractor and the security deposit of the contractor shall stand forfeited. Further, in the event of termination, the contractor shall vacate the site/premises peacefully and remove the personnel deployed by him within the stipulated period as decided by ISID. The decision of ISID authority in this regard shall be final and binding upon the contractor.

In case of breach of any of the terms & conditions of the agreement, the Institute shall be at liberty to terminate the contract forthwith without prejudice to the right of the Institute to claim damages on account thereof and the Contractor and his personnel shall vacate the area of operation for this purpose on the expiry of such period. In the event of such termination of the contract, the refund of Security Deposit would be subject to deduction of any dues, penalties or other recoveries etc.

16. FORECLOSURE OF CONTRACT IN FULL OR IN PART

If at any time after issuance of work order, ISID decides to foreclose or reduce the scope of the work and hence not require the whole or any part of the work to be carried out by the contractor, ISID shall give 10 days' notice in writing to that effect to the contractor. In case any such action is taken by ISID, the contractor shall be paid full amount for the quantum of work executed till the date of foreclosure. No compensation, however, shall be paid by ISID for the period of work not executed.

17. FORCE MAJEURE

If at any time during the continuance of this contract, the performance in whole or part is prevented or delayed by reason of war, an act of terrorism, act of hostility by public enemy, civil disruption or sabotage, fire, explosions, epidemics, quarantine restrictions, strikes, lock-outs or natural calamities like flood, earthquake or severely inclement weather, provided notice of the happening of any such eventuality is given by either party to the other within 2 days from the date of occurrence thereof, neither party shall by reasons of such event be entitled to terminate this contract nor shall either party have any claim for damages against the other in respect of such non-performance or delay in performance/execution under the contract. Provided also that such performance/execution under the contract should commence as soon as practicable, after such event comes to an end or ceases to exist, and the decision of ISID as to whether the performance has been so resumed or not shall be final and conclusive. Provided further that if the performance in whole or in part of the execution under this contract is prevented or delayed by reasons of any such event for a period exceeding 60 days, either party may opt to terminate the contract.

18. SUBLETTING / SUBCONTRACTING

Subletting or subcontracting of the contract, either in full or part, is not allowed under any circumstance. In other words, the contractor shall not enter into any sub-contract with any person or transfer the contract or any benefit thereunder to any person or firm without written permission and approval of ISID.

19. RESOLUTION OF DISPUTES

- (a) Save where expressly stated to the contrary in this contract, any dispute, difference or controversy of whatsoever nature between the parties, however arising under, out of or in relation to this contract including disputes, if any, with regard to any act, decision or opinion of any of the party and so notified in writing by either party to the other, the "Dispute" shall in the first instance be attempted to be resolved amicably in accordance with the procedure set forth in para (b) below.
- (b) Either party may require such Dispute to be referred to the concerned officials of ISID and the contractor for amicable settlement. Upon such reference, the two shall meet at the earliest opportunity as per their mutual convenience and in any event within fifteen (15) days of such reference to discuss

and attempt to amicably resolve the dispute by mutual consultation. If the dispute is not amicably settled within fifteen (15) days of such meeting, either party may refer the dispute to arbitration in accordance with the provisions of arbitration clause. In such an eventuality, the party intending to start arbitration shall have to give notice to the other party of its intention to commence arbitration as per the Indian Arbitration and Conciliation Act, 2015.

20. ARBITRATION

1. In the event of any question, dispute/difference arising under the agreement or in connection herewith (except as to matters the decision of which is specially provided under this contract) the same shall be referred to the sole Arbitration of the Head, ISI, Delhi Centre or his nominee.
2. The decision of the Arbitrator shall be final and binding on the parties. In the event of such Arbitrator to whom the matter is originally referred is unable to act for any reason whatsoever, the Head, ISI Delhi Centre shall appoint another person to act as the Arbitrator in place of the original Arbitrator in accordance with the terms of this agreement. The Arbitrator so appointed shall be entitled to proceed with the reference from the stage which was left by his predecessor or afresh as the case may be. The Arbitrator may give interim award and/or directions, as may be required.
3. Subject to the aforesaid provisions, the Arbitration & Conciliation Act, 2015 and the rules made thereunder and any modification thereof from time to time being in force, shall be deemed to apply to the Arbitration proceedings under this clause.

21. CORRECTION/MODIFICATION SLIP

- a) amendment/correction is revised by CPWD with respect to Clause No. 6 for DSR 2021 then the new DSR rate will be implemented from the current date.

22.. MISCELLANEOUS

- (i) The workers to be deployed by the contractor should be physically fit and not be suffering from any chronic disease/ailment. They should be of sound physical and mental health and should be free from any physical disability which would interfere in the normal discharge of their duties.
- (ii) The contractor shall deploy adequate manpower as per actual requirements. It will be the responsibility of the contractor to supervise the work of the personnel deployed by him and ensure fast and speedy disposal of work without compromising on the quality of the work.
- (iii) The contractor shall be fully responsible for the safe custody of the materials/equipment/documents relevant to the contract till handing over the materials/documents to the authorized officer of ISID.
- (iv) The contractor is responsible for any accident during duty hours at work site. All medical treatment/medical expenditure incurred for the treatment of the injured worker shall be borne by the contractor.
- (v) ISID reserves the right to award parallel contract or award part of the work to other agency(s) in the event of failure of the contractor to perform the functions as per the WO to the satisfaction of ISID and the same will be at the risk and cost of the contractor.
- (vi) The works shall be strictly carried out as per the latest CPWD specification of work and works manual under the supervision of Engineer (Civil).
- (vii) After finishing of work, Debris (*Malba*), if any, shall be removed by the bidder at his own cost.

23. JURISDICTION

The legal jurisdiction of the contract shall be the High Court of Delhi only.

24. CONTRACT AGREEMENT

The contractor shall execute a formal agreement with ISID on a Non-Judicial Stamp paper of Rs. 100/- or as per rule within a period of 15 days of the issuance of work order.

**INDIAN STATISTICAL INSTITUTE
DELHI CENTRE
NEW DELHI – 110 016**

DETAILS OF THE BIDDER

| Sl. No. | Descriptions | Information to be filled by the tenderer (if required separate sheet may be enclosed) | |
|---------|--|---|----------------------|
| 1. | Name and address of firm/agency with complete contact details | | |
| 2. | Type of Organisation (whether proprietorship, partnership, private limited, limited company) | | |
| 3. | Name and address of the Directors, Proprietor/Partners | | |
| 4. | Year of formation of the company and years of experience in works of similar nature | | |
| 5. | Details of registration of the Firm/Company | R. No. | Copy enclosed: Y / N |
| 6. | GST No./Certificate | No.: | Copy enclosed: Y / N |
| 7. | PAN No. | No.: | Copy enclosed: Y / N |
| 8. | Any other information | | |

Copies of relevant documents are to be enclosed in support of the above information.

List of major clients, including Govt. Organisations/ Academic Institutions where the bidder has executed similar nature of works:

| Sl. No. | Name of client with contact details | Nature of Works | Period | Contract value |
|---------|-------------------------------------|-----------------|--------|----------------|
| 1. | | | | |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |
| 5. | | | | |

Copies of relevant work order/ experience certificate are to be enclosed in support of above information.

Undertaking

I hereby certify that all the information furnished is true to the best of my knowledge. I have no objection to the Institute verifying any or all the information furnished in this document with the concerned authorities, if necessary. I also understand that if any of the information is found false at any stage, I am liable to be deregistered from the panel of approved contractors or banned from doing any business dealings with Government Departments or blacklisted or subject to monetary penalties as deemed fit by ISID.

I also certify that I have read and understood all the scope of work, terms and conditions indicated in the tender document and hereby accept all of the same unconditionally.

I agree to the forfeiture of EMD if I fail to comply with all or any of the terms and conditions as laid down in the Tender Enquiry No., which would constitute to have force of a contract between me and ISID if I am declared as a successful bidder.

I also certify that I have signed all the pages of the Tender document with my conscious knowledge.

**Signature of the authorized signatory of the agency
Official seal/Stamp**

**Indian Statistical Institute
Delhi Centre**

Subject:- Item wise Annual Rate Contract for Miscellaneous works related to Maintenance/minor works(addition/alteration/replacement) of buildings in Indian Statistical Institute, Delhi Centre, New Delhi – 110016 for a period of one year from the date of commencement of the contract

| SCHEDULE OF QUANTITIES | | | | | |
|-------------------------------|----------|---|-----------------|-------------|------------------|
| DSR-2021 | | | | | |
| | | Description of Item | Quantity | Unit | Rate (Rs) |
| 1 | | Sub-Head : Earth Work | | | |
| | 1.1 | Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift up to 1.5 m, as directed by Engineer-in-Charge: | | | |
| | 1.2 | All kinds of soil | 1.000 | sqm | 107 |
| | 2 | 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. | | | |
| | 2.1 | All kinds of soil | 1.000 | cum | 262.7 |
| | 3 | Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth, lead up to 50 m and lift up to 1.5m, as directed by Engineer-in-Charge. | | | |
| | 3.1 | Ordinary rock | 1.000 | cum | 412.95 |
| | 3.2 | Hard rock (requiring blasting) | 1.000 | cum | 711.35 |
| | 3.3 | Hard rock (blasting prohibited) | 1.000 | cum | 1184.3 |
| | 4 | 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. | | | |
| | 4.1 | All kinds of soil. | 1.000 | cum | 286.85 |

| | | | | |
|-------|--|-------|-------|---------|
| 5 | Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m : | | | |
| 5.1 | All kinds of soil | | | |
| 5.2 | Pipes, cables etc, not exceeding 80 mm dia. | 1.000 | metre | 255.55 |
| 5.3 | Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia | 1.000 | metre | 417.35 |
| 5.4 | Pipes, cables etc. exceeding 300 mm dia but not exceeding 600 mm. | 1.000 | metre | 651.55 |
| 6 | 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. | 1.000 | cum | 253.95 |
| 7 | Excavating, supplying and filling of local earth (including royalty) by mechanical transport up to a lead of 5 km, also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc., complete. | 1.000 | cum | 368.65 |
| 8 | Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete. | 1.000 | cum | 2161.2 |
| 9 | 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. | | | |
| 9.1 | All kinds of soil. | 1.000 | sqm | 28.15 |
| 10 | Ploughing the existing ground to a depth of 15 cm to 25 cm and watering the same. | | | |
| 10.1 | All kinds of soil. | 2.000 | sqm | 28.5 |
| 11 | 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 cleared. | 1.000 | sqm | 14.5 |
| 12 | Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared. | 1.000 | sqm | 7.4 |
| 13 | Sub-Head : Concrete Work | | | |
| 13.01 | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : | | | |
| 13.02 | 1:1½:3 (1 Cement: 1½ coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size). | 1.000 | cum | 7783.65 |
| 13.03 | 1:2:4 (1 cement : 2 coarse sand(zone-III) : 4 graded stone aggregate 20 mm nominal size) | 1.000 | cum | 7365.95 |

| | | | | |
|-------|---|-------|-----|---------|
| 13.04 | 1:2:4 (1 Cement : 2 coarse sand(zone-III) : 4 graded stone aggregate 40 mm nominal size). | 1.000 | cum | 7226.95 |
| 13.05 | 1:3:6 (1 Cement : 3 coarse sand(zone-III) : 6 graded stone aggregate 20 mm nominal size). | 1.000 | cum | 6833.4 |
| 13.06 | 1:3:6 (1 Cement : 3 coarse sand(zone-III) : 6 graded stone aggregate 40 mm nominal size). | 1.000 | cum | 6670.25 |
| 13.07 | 1:4:8 (1 Cement : 4 coarse sand(zone-III) : 8 graded stone aggregate 40 mm nominal size). | 1.000 | cum | 6326.05 |
| 13.08 | 1:5:10 (1 cement : 5 coarse sand(zone-III) : 10 graded stone aggregate 40 mm nominal size) | 1.000 | cum | 6050.65 |
| 13.09 | 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) | 1.000 | cum | 5660.45 |
| 13.10 | 1:2:3½:9 (1 ordinary portland cement : 2 Fly ash : 3½ coarse sand(zone-III) : 9 graded stone aggregate 40 mm nominal size). | 1.000 | cum | 6154.75 |
| 13.11 | 1:2½:4:11 (1 ordinary portland cement : 2½ fly ash : 4 coarse sand(zone-III) : 11 graded stone aggregate 40 mm nominal size) | 1.000 | cum | 5812.6 |
| 14 | Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor, etc., up to floor five level, excluding the cost of centering, shuttering and finishing : | | | |
| 14.1 | 1:1½:3 (1 cement : 1½ coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size). | 1.000 | cum | 9793.75 |
| 14.2 | 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) | 1.000 | cum | 9375.2 |
| 14.3 | 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size). | 1.000 | cum | 8843.45 |
| 14.4 | 1:5:10 (1 cement : 5 coarse sand(zone-III) : 10 graded stone aggregate 40 mm nominal size). | 1.000 | cum | 8047.55 |
| 15 | Centering and shuttering including strutting, propping etc. and removal of form work for : | | | |
| 15.1 | Foundations, footings, bases for columns. | 1.000 | sqm | 307.95 |
| 15.2 | Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.. | 1.000 | sqm | 669.55 |
| 15.3 | Columns, piers, abutments, pillars, posts and struts. | 1.000 | sqm | 804.25 |
| 16 | Providing and laying cement concrete in kerbs, steps and the like at or near ground level excluding the cost of centering, shuttering and finishing. | | | |
| 16.1 | 1:1½:3 (1 Cement : 1½ coarse sand(Zone III) : 3 graded stone aggregate 20 mm nominal size). | 1.000 | cum | 7783.65 |
| 17 | CEMENT CONCRETE PRECAST | | | |
| 17.1 | Providing and fixing up to floor five level precast cement concrete string or lacing courses, copings, bed plates, anchor | | | |

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| | | blocks, plain window sills, shelves, louvers, steps, stair cases, etc. including hoisting and setting in position with cement mortar 1:3 (1 Cement : 3coarse sand), cost of required centering complete. | | | |
| | 17.2 | 1:1.5:3 (1 cement : 1.5 coarse sand(Zone III) : 3 graded stone aggregate 20mm nominal size). | 1.000 | cum | 9277.75 |
| | 18 | DAMP - PROOF COURSE | | | |
| | 18.1 | Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand(Zone III) : 4 graded stone aggregate 12.5mm nominal size). | 1.000 | sqm | 370.85 |
| | 18.2 | Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand(Zone III) : 4 graded stone aggregate 20mm nominal size). | 1.000 | sqm | 452.25 |
| | 19 | Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth. | 1.000 | sqm | 681.65 |
| | 20 | Sub-Head : Reinforced Cement Concrete | | | |
| | 20.1 | 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 : | | | |
| | 20.2 | 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size). | 1.000 | cum | 8364.2 |
| | 20.3 | 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) | 1.000 | cum | 7945.65 |
| | 21 | Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : | | | |
| | 21.1 | 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size) | 1.000 | cum | 10185.05 |
| | 22 | form Work | | | |
| | 22.1 | Centering and shuttering including strutting, propping etc. and removal of form for : | | | |
| | 22.2 | Foundations, footings, bases of columns, etc. for mass concrete. | 1.000 | sqm | 307.95 |
| | 22.3 | Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc. | 1.000 | sqm | 669.55 |
| | 22.4 | Suspended floors, roofs, landings, balconies and access platform. | 1.000 | sqm | 766.55 |
| | 22.5 | Shelves (Cast in situ). | 1.000 | sqm | 766.55 |
| | 22.6 | Lintels, beams, plinth beams, girders, bressumers and cantilevers. | 1.000 | sqm | 608.35 |
| | 22.7 | Columns, Pillars, Piers, Abutments, Posts and Struts. | 1.000 | sqm | 804.25 |

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| 22.8 | Stairs, (excluding landings) except spiral-staircases. | 1.000 | sqm | 657.75 |
| 23 | Sub-Head : Brick Work/Masonry Work | | | |
| 23.1 | Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: | | | |
| 23.2 | Cement mortar 1:4 (1 cement : 4 coarse sand) | 1.000 | cum | 6882 |
| 23.3 | Cement mortar 1:6 (1 cement : 6 coarse sand) | 1.000 | cum | 6658.25 |
| 24 | Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in: | | | |
| 24.1 | Cement mortar 1:4 (1 cement : 4 coarse sand) | 1.000 | cum | 5746.8 |
| 24.2 | Cement Mortar 1:6 (1 cement : 6 coarse sand). | 1.000 | cum | 5549.95 |
| 25 | Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : | | | |
| 25.1 | Cement mortar 1:4 (1 cement : 4 coarse sand) | 1.000 | cum | 8512.1 |
| 25.2 | Cement mortar 1:6 (1 cement : 6 coarse sand) | 1.000 | cum | 8288.35 |
| 26 | Brick edging 7cm wide 11.4cm. deep to plinth protection with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 including grouting with cement mortar 1:4 (1 cement : 4 fine sand). | 1.000 | metre | 55.8 |
| 27 | Sub-Head : Marble & Granite Work | | | |
| 27.1 | Marble work gang saw cut (polished and machine cut) of thickness 18mm for wall lining (veneer work), backing filled with a grout of average 12 mm thick in cement mortar 1:3 (1 cement : 3 coarse sand) including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with an admixture of pigment to match the marble shade: (To be secured to the backing by means of cramps, which shall be paid for separately). | | | |
| 27.2 | Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble. | | | |
| 27.3 | Area of slab upto 0.50 sqm | 1.000 | sqm | 4827.4 |
| 27.4 | Area of slab over 0.50 sqm | 1.000 | sqm | 4998.1 |
| 28 | Providing and fixing 18mm thick gang saw cut mirror polished premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size, approved shade, colour and texture laid over 20mm 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 to edges to give high gloss finish etc. complete at all levels. | | | |
| 28.1 | Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble. | | | |
| 28.2 | Area of slab upto 0.50 sqm. | 1.000 | sqm | 2906.45 |
| 28.3 | Area of slab over 0.50 sqm. | 1.000 | sqm | 2639.45 |
| 28.4 | Granite of any colour and shade | | | |
| 28.5 | Area of slab upto 0.50 sqm | 1.000 | sqm | 3555.45 |
| 28.6 | Area of slab over 0.50 sqm. | 1.000 | sqm | 3301.45 |

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| 29 | Providing edge moulding to 18mm thick marble stone counters, Vanities etc. Including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. | | | |
| 29.1 | Marble work | 1.000 | metre | 244.9 |
| 29.2 | Granite work. | 1.000 | metre | 418.85 |
| 30 | 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. | 1.000 | sqm | 1030.3 |
| 31 | Sub-Head : Wood and P.V.C. Work | | | |
| 31.1 | Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia. & length (hold fast lugs or dash fastener shall be paid for separately). | | | |
| 31.2 | Second class teak wood | 1.000 | cum | 131576.95 |
| 31.3 | Sal wood | 1.000 | cum | 106720.85 |
| 31.4 | Kiln seasoned and chemically treated hollock wood. | 1.000 | cum | 74199.7 |
| 32 | Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. | | | |
| 32.1 | Second class teak wood | | | |
| 32.2 | 35 mm thick | 1.000 | sqm | 4458.4 |
| 32.3 | 30 mm thick | 1.000 | sqm | 4065.5 |
| 32.4 | Kiln seasoned and chemically treated hollock wood. | | | |
| 32.5 | 35 mm thick | 1.000 | sqm | 3100.55 |
| 32.6 | 30 mm thick | 1.000 | sqm | 2896.6 |
| 32.7 | Kiln seasoned selected planks of sheesham wood. | | | |
| 32.8 | 35 mm thick | 1.000 | sqm | 3951.85 |
| 32.9 | 30 mm thick | 1.000 | sqm | 3628.8 |
| 33 | Providing and fixing 25 mm thick shutters for cup board etc. : | | | |
| 33.1 | Panelled or panelled & glazed shutters : | | | |
| 33.2 | Second class teak wood including ISI marked anodised aluminium butt hinges with necessary screws. | 1.000 | sqm | 3918.85 |
| 33.3 | Second class teak wood including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws. | 1.000 | sqm | 4061.2 |
| 33.4 | Glazed shutters : | | | |
| 33.5 | Second class teak wood including ISI marked anodized aluminium butt hinges with necessary screws. | 1.000 | sqm | 3751.1 |
| 33.6 | Second class teak wood including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws. | 1.000 | sqm | 3791.2 |
| 34 | Providing and fixing flat pressed 3 layer particle board medium | | | |

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| | | density exterior grade (Grade I) or graded wood particle board IS : 3087 marked, to frame, backing or studding with screws etc. complete (Frames, backing or studding to be paid separately) : | | | |
| | 34.1 | 12 mm thick | 1.000 | sqm | 667.1 |
| | 34.2 | 18 mm thick | 1.000 | sqm | 869.1 |
| | 35 | Providing and fixing Pre-laminated flat pressed 3 layer (medium density) particle board or graded wood particle board IS : 3087 marked, with one side decorative and other side balancing lamination Grade I, Type II exterior grade IS : 12823 marked, in shelves with screws and fittings wherever required, edges to be painted with polyurethane primer (fittings to be paid separately). | | | |
| | 35.1 | 18 mm thick | 1.000 | sqm | 1089.3 |
| | 35.2 | 25 mm thick | 1.000 | sqm | 1501 |
| | 36 | 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. | | | |
| | 36.1 | 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws. | 1.000 | sqm | 3086.1 |
| | 36.2 | 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws. | 1.000 | sqm | 2818.5 |
| | 36.3 | 25 mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. Piano hinges IS: 3818 marked with necessary screws. | 1.000 | sqm | 2512.35 |
| | 37 | Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters : | | | |
| | 37.1 | 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws. | 1.000 | sqm | 2015.75 |
| | 37.2 | 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws. | 1.000 | sqm | 1881.95 |
| | 37.3 | 25mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws. | 1.000 | sqm | 1830 |
| | 38 | Extra for cutting rebate in flush door shutters (Total area of the shutter to be measured). | 1.000 | sqm | 93.65 |
| | 39 | Providing and fixing plywood 4 mm thick one side decorative veneer conforming to IS: 1328 (type-1) for plain lining / cladding with necessary screws, including priming coat on unexposed surface with: | | | |
| | 39.1 | Decorative veneer facings of approved manufacture. | 1.000 | sqm | 1645.8 |
| | 40 | Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete : | | | |
| | 40.1 | 2nd class teak wood | | | |
| | 40.2 | 50x12 mm | 1.000 | metre | 191.55 |

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| | 40.3 | 50 x 20 mm | 1.000 | metre | 239.2 |
| | 40.4 | Kiln seasoned and chemically treated hollock wood. | | | |
| | 40.5 | 50x12 mm | 1.000 | metre | 157.85 |
| | 40.6 | 50x20 mm | 1.000 | metre | 183.05 |
| | 41 | Providing and fixing 18 mm thick, 150 mm wide pelmet of flat pressed 3 layer or graded wood particle board medium density grade I, IS : 3087 marked, including top cover of 6 mm commercial ply wood conforming to IS: 303 BWR grade, nickel plated M.S. pipe 20 mm dia (heavy type) curtain rod with nickel plated brackets, including fixing with 25x3 mm M.S. flat 10 cm long fixed to pelmet with hollock wood cleats of size 100 mm x 40 mm x 40 mm on both inner side of pelmet and rawl plugs 75 mm long etc. all complete. | 1.000 | metre | 511.55 |
| | 42 | Providing and fixing curtain rods of 1.25 mm thick chromium plated brass plate, with two chromium plated brass brackets fixed with C.P. brass screws and wooden plugs, etc., wherever necessary complete : | | | |
| | 42.14 | 12 mm dia. | 1.000 | metre | 274.9 |
| | 42.2 | 20 mm dia. | 1.000 | metre | 375.25 |
| | 42.3 | 25 mm dia. | 1.000 | metre | 482.3 |
| | 43 | Providing and fixing nickel plated M.S. pipe curtain rods with nickel plated brackets : | | | |
| | 43.1 | 20 mm dia (heavy type) | 1.000 | metre | 152.65 |
| | 43.2 | 25 mm dia (heavy type) | 1.000 | metre | 159.35 |
| | 44 | Providing and fixing hard drawn steel wire fabric 75x25 mm mesh of weight not less than 7.75 Kg per sqm to window frames etc. including 62x19 mm beading of second class teak wood and priming coat with approved steel primer all complete. | 1.000 | sqm | 1484.7 |
| | 45 | Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia. 0.63 mm all complete. | | | |
| | 45.1 | With 2nd class teak wood beading 62X19 mm. | 1.000 | sqm | 1164.9 |
| | 45.2 | With 12 mm mild steel U beading. | 1.000 | sqm | 812.4 |
| | 46 | Deduct for fixing 75x25 mm hard drawn steel wire fabric of weight not less than 7.75 Kg. per sqm in panelled and glazed door and window shutter instead of glass sheet 4 mm thick. | 1.000 | sqm | 161.9 |
| | 47 | Providing M.S. Plano hinges ISI marked IS : 3818 finished with nickel plating and fixing with necessary screws etc., complete. | | | |
| | 47.1 | Overall width 35 mm. | 1.000 | metre | 282.95 |
| | 47.2 | Overall width 50 mm. | 1.000 | metre | 282.95 |
| | 47.3 | Overall width 65 mm. | 1.000 | metre | 299 |
| | 48 | Providing and fixing oxidised M.S. hasp and staple (safety type) conforming to IS : 363 with necessary screws etc. complete : | | | |
| | 48.1 | 150 mm | 1.000 | each | 29.15 |
| | 48.2 | 115 mm | 1.000 | each | 26 |
| | 48.3 | 90 mm | 1.000 | each | 22.1 |
| | 49 | Providing and fixing oxidised M.S. casement stays (straight peg type) with necessary screws etc. complete. | | | |

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| 49.1 | 300 mm weighing not less than 200 gms. | 1.000 | each | 59.25 |
| 49.2 | 250 mm weighing not less than 150 gms. | 1.000 | each | 51.9 |
| 49.3 | 200 mm weighing not less than 120 gms. | 1.000 | each | 45.2 |
| 50 | Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm) with necessary accessories and screws etc. complete. | 1.000 | each | 1025.65 |
| 51 | Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm) with double speed adjustment with necessary accessories and screws etc. complete. | 1.000 | each | 856.3 |
| 52 | Providing and fixing ISI marked aluminium butt hinges anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete: | | | |
| 52.1 | 125x75x4 mm | 1.000 | each | 138.55 |
| 52.2 | 125x63x4 mm | 1.000 | each | 116.2 |
| 52.3 | 100x75x4 mm | 1.000 | each | 106.85 |
| 52.4 | 100x63x4 mm | 1.000 | each | 97.6 |
| 52.5 | 100x63x3.2 mm | 1.000 | each | 90.4 |
| 52.6 | 75x63x4 mm | 1.000 | each | 79.05 |
| 52.7 | 75x63x3.2 mm | 1.000 | each | 72.45 |
| 52.87 | 75x45x3.2 mm | 1.000 | each | 68.45 |
| 53 | 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 : | | | |
| 53.1 | 300x16 mm | 1.000 | each | 260.3 |
| 53.2 | 250x16 mm | 1.000 | each | 234.9 |
| 54 | Providing and fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : | | | |
| 54.1 | 300x10 mm | 1.000 | each | 117.65 |
| 54.2 | 250x10 mm | 1.000 | each | 104.4 |
| 54.3 | 200x10 mm | 1.000 | each | 90.8 |
| 54.4 | 150x10 mm | 1.000 | each | 75.55 |
| 54.5 | 100x10 mm | 1.000 | each | 58.65 |
| 55 | Providing and fixing aluminium handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : | | | |
| 55.1 | 125 mm | 1.000 | each | 60.05 |
| 55.2 | 100 mm | 1.000 | each | 53.25 |
| 55.3 | 75 mm | 1.000 | each | 46.3 |

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| 56 | 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. | | | |
| 56.1 | Single rubber stopper | 1.000 | each | 35.5 |
| 56.2 | Twin rubber stopper | 1.000 | each | 62.25 |
| 57 | Providing and fixing aluminium casement stays 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. | 1.000 | each | 64.55 |
| 58 | Providing and fixing 2nd class teak wood lipping/ moulded beading or taj beading of size 18X5 mm fixed with wooden adhesive of approved quality and screws/ nails on the edges of the Pre-laminated particle board as per direction of Engineer-in-charge. | 1.000 | metre | 85.6 |
| 59 | Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineer-in-charge. | 1.000 | each | 637.05 |
| 60 | Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete. | | | |
| 60.1 | Triple strip vertical type | 1.000 | each | 44.85 |
| 60.2 | Double strip (horizontal type) | 1.000 | each | 34.15 |
| 61 | Providing and fixing sliding arrangement in racks/ cupboards/cabinets shutter by with stainless steel rollers to run inside C or E aluminium channel section (The payment of C or E channel shall be made separately) | 1.000 | each | 17.65 |
| 62 | Providing and fixing to existing door frames. | | | |
| 62.1 | 30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames. | 1.000 | sqm | 3496.75 |
| 62.2 | 30 mm thick Fiberglass Reinforced Plastic (F.R.P.) flush door shutter in different plain and wood finish made with fire retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate all around, with suitable wooden blocks inside at required places for fixing of fittings and polyurethane foam (PUF)/ Polystyrene foam to be used as filler material throughout the hollow panel, casted monolithically with testing parameters of F.R.P. laminate conforming to table - 3 of IS: 14856, complete as per direction of Engineer-in-charge. | 1.000 | sqm | 3963.7 |

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| 63 | Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt / suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality. | | | |
| 63.1 | 1.5 mm thick. | 1.000 | sqm | 890.55 |
| 63.2 | 1.0 mm thick. | 1.000 | sqm | 764 |
| 64 | Providing and fixing fly proof stainless steel grade 304 wire gauge, to windows and clerestory windows using wire gauge with average width of aperture 1.4mm in both directions with wire of dia. 0.50 mm all complete. | | | |
| 64.1 | With 2nd class teak wood beading 62X19 mm. | 1.000 | sqm | 1404.25 |
| 64.2 | With 12 mm mild steel U beading. | 1.000 | sqm | 1051.75 |
| 65 | Sub-Head : Steel Work | | | |
| 65.1 | Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. | 1.000 | kg | 93.05 |
| 65.2 | Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. | 1.000 | kg | 78.2 |
| 66 | Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. | | | |
| 66.1 | Hot finished welded type tubes. | 1.000 | kg | 154.9 |
| 66.2 | Hot finished seamless type tubes. | 1.000 | kg | 168.95 |
| 66.3 | Electric resistance or induction butt welded tubes. | 1.000 | kg | 140.85 |
| 67 | Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. | | | |
| 67.1 | In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete. | 1.000 | kg | 102.25 |
| 67.2 | In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works. | 1.000 | kg | 142.3 |
| 68 | Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. | | | |
| 68.1 | M.S. tube. | 1.000 | kg | 157.15 |
| 68.2 | E.R.W. tubes. | 1.000 | kg | 150.4 |
| 68.3 | G.I. pipes | 1.000 | kg | 180.2 |
| 69 | 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 ²), counter sunk head, comprising of 10 m dia polyamide PA 6 grade sleeve, including drilling of hole in frame, concrete/ masonry, etc. as per direction of Engineer-in-charge. | | | |
| 69.1 | 10 x 60 mm | 1.000 | each | 111.7 |

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| | 69.2 | 10 x 80 mm | 1.000 | each | 117.3 |
| | 69.3 | 10 x 120 mm | 1.000 | each | 144.6 |
| | 69.4 | 10 x 140 mm | 1.000 | each | 156.35 |
| | 69.5 | 10 x 160 mm | 1.000 | each | 191.95 |
| | 70 | Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge.(for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.) | 1.000 | kg | 612.25 |
| | 71 | Providing & fixing fly proof wire gauze to windows, clerestory windows & doors with M.S. Flat 15 x 3mm and nuts & bolts complete. | | | |
| | 71.1 | Galvanised M.S. Wire gauze with 0.63mm dia wire and 1.4 mm aperture on both sides. | 1.000 | sqm | 732.2 |
| | 71.2 | Stainless steel (grade 304) wire gauze of 0.5 mm dia wire and 1.4 mm aperture on both sides. | 1.000 | sqm | 971.55 |
| | 72 | Sub-Head : Flooring | | | |
| | 72.1 | Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. | | | |
| | 72.2 | 40 mm thick with 20 mm nominal size stone aggregate | 1.000 | sqm | 545 |
| | 73 | Providing and fixing glass strips in joints of terrazzo/ cement concrete floors. | | | |
| | 73.1 | 40 mm wide and 4 mm thick. | 1.000 | metre | 79.5 |
| | 74 | 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. | | | |
| | 74.1 | Size of Tile 500x500 mm | 1.000 | sqm | 1334.35 |
| | 74.2 | Size of Tile 600x600 mm | 1.000 | sqm | 1416.65 |
| | 74.3 | Size of Tile 800x800 mm | 1.000 | sqm | 1879.95 |
| | 74.4 | Size of Tile 1000x1000 mm | 1.000 | sqm | 2551.95 |
| | 75 | Deduct for not using 20 mm thick cement mortar 1:4 (1 cement : 4coarse sand) bedding in laying of floor tiles and jointing with grey cement slurry @ 3.3kg/sqm | 1.000 | sqm | 735.3 |
| | 76 | 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. | 1.000 | sqm | 633.6 |

| | | | | |
|-------|--|-------|-------|---------|
| 77 | Providing and laying Vitrified 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 brand & manufacturer in all colours and shade in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately). | | | |
| 77.1 | Size of Tile 500x500 mm | 1.000 | sqm | 1593.85 |
| 77.2 | Size of Tile 600x600 mm | 1.000 | sqm | 1676.15 |
| 77.3 | Size of Tile 800x800 mm | 1.000 | sqm | 2142.4 |
| 77.4 | Size of Tile 1000x1000 mm | 1.000 | sqm | 2814.4 |
| 78 | 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. | | | |
| 78.1 | Size of Tile 500x500 mm | 1.000 | sqm | 312.15 |
| 78.2 | Size of Tile 600x600 mm | 1.000 | sqm | 258.65 |
| 78.3 | Size of Tile 800x800 mm | 1.000 | sqm | 205.15 |
| 78.4 | Size of Tile 1000x1000 mm | 1.000 | sqm | 146.6 |
| 79 | Deduct for not grouting the joints with white cement and matching pigment in the items of fixing of vitrified tiles | 1.000 | sqm | 11.7 |
| 80 | Sub-Head : Roofing | | | |
| 80.01 | Providing gola 75x75mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge) including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design | | | |
| 80.02 | In 75x75mm deep chase | 1.000 | metre | 260.2 |
| 81 | Providing and fixing M.S. holder bat clamps of approved design to C.I. or S.C.I. rain water pipes embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and cost of cutting holes and making good the walls etc. : | | | |
| 81.1 | 100 mm diameter | 1.000 | each | 308.45 |
| 81.2 | 150 mm diameter | 1.000 | each | 328.55 |
| 82 | 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, | | | |
| 82.1 | (i) Single socketed pipes. | | | |
| 82.2 | 75 mm diameter | 1.000 | metre | 213 |
| 82.3 | 110 mm diameter | 1.000 | metre | 319.75 |
| 83 | Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for 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. | | | |
| 83.01 | Coupler | | | |

| | | | | |
|-------|---|-------|------|--------|
| 83.02 | 75mm | 1.000 | each | 79.8 |
| 83.03 | 110mm | 1.000 | each | 119.95 |
| 83.04 | Single pushfit Coupler : | | | |
| 83.05 | 75mm | 1.000 | each | 79.8 |
| 83.06 | 110mm | 1.000 | each | 110.6 |
| 83.07 | Single tee with door | | | |
| 83.08 | 75x75x75 mm | 1.000 | each | 141.55 |
| 83.09 | 110x110x110 mm | 1.000 | each | 205.45 |
| 83.10 | Single tee without door | | | |
| 83.11 | 75x75x75 mm | 1.000 | each | 124.2 |
| 83.12 | 110x110x110 mm | 1.000 | each | 190.75 |
| 83.13 | Bend 87.5° | | | |
| 83.14 | 75 mm bend | 1.000 | each | 91.8 |
| 83.15 | 110 mm bend | 1.000 | each | 132 |
| 83.16 | Shoe (Plain) | | | |
| 83.17 | 75 mm Shoe | 1.000 | each | 81.1 |
| 83.18 | 110 mm Shoe | 1.000 | each | 115.95 |
| 84 | Sub-Head : Finishing | | | |
| 84.1 | 12 mm cement plaster of mix : (in fine sand) | | | |
| 84.2 | 1:4 (1 cement: 4 fine sand) | 1.000 | sqm | 294.85 |
| 84.3 | 1:6 (1 cement: 6 fine sand) | 1.000 | sqm | 282 |
| 85 | 12 mm cement plaster of mix : (in course sand) | | | |
| 85.1 | 1:4 (1 cement: 4 coarse sand) | 1.000 | sqm | 307.25 |
| 85.2 | 1:6 (1 cement: 6 coarse sand) | 1.000 | sqm | 294.35 |
| 86 | 15 mm cement plaster on rough side of single or half brick wall of mix : | | | |
| 86.1 | 1:4 (1 cement: 4 coarse sand) | 1.000 | sqm | 354.5 |
| 86.2 | 1:6 (1 cement: 6 coarse sand) | 1.000 | sqm | 339.1 |
| 87 | 12 mm cement plaster finished with a floating coat of neat cement of mix : | | | |
| 87.1 | 1:3 (1 cement: 3 fine sand) | 1.000 | sqm | 374.15 |
| 87.2 | 1:4 (1 cement: 4 fine sand) | 1.000 | sqm | 361.3 |
| 88 | 15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix : | | | |
| 88.1 | 1:3 (1 cement: 3 fine sand) | 1.000 | sqm | 421.5 |
| 88.2 | 1:4 (1 cement: 4 fine sand) | 1.000 | sqm | 406.1 |
| | Quoted Rates % above or below | | | |

अमापन पत्र

उप मुख्य कार्यकारी (प्रशासन)/
Deputy Chief Executive (Admn.)