



North Eastern Indira Gandhi Regional Institute of Health and Medical Sciences  
(An Autonomous Institute, Ministry of Health and Family Welfare, Government of India)  
Director's Block, Mawdiangdiang, Shillong 793 018 (Meghalaya)  
**Website:** [www.neigrihms.gov.in](http://www.neigrihms.gov.in)

**Tender No: NEIGR/ENGG/65/2024;**

**Dated: 18<sup>th</sup> February, 2025**

### **TENDER /BID DOCUMENT**

**ONLINE OPEN E- TENDER ARE INVITED FROM REGISTERED CONTRACTORS  
OF PWD/ PHE/ ESTATE OFFICE (GAD)/ MES/ MeECL AND EQUIVALENT CLASS  
OF CPWD FOR CONSTRUCTION OF WASH AREA AND CHANGING ROOM FOR  
MALI / CLEANERS IN C & D TYPE QUARTER  
(e -Procurement)**

Bid Document Downloading Start Date:	1400 hours of 19.2.2025
Last Date and Time for Submission of Bid Document Online:	1400 hours of 10.3.2025
Last date and Time of Receipt of Earnest Money Deposit (hard copies):	1400 hours of 10.3.2025
Date and Time of Opening of Techno -Commercial Bids:	1400 hours of 11.3.2025
Cost of Earnest Money Deposit (EMD):	Rs.30,840.00

Bidders /Tenderers can download the tender /bid document from Central Public Procurement Portal website at [www.eprocure.gov.in](http://www.eprocure.gov.in)  
Bidders /Tenderers are required to submit their bid online by uploading all the relevant documents through [www.eprocure.gov.in](http://www.eprocure.gov.in)

Tender document can also be downloaded from the Institute's website at [www.neigrihms.gov.in](http://www.neigrihms.gov.in) For further details regarding amendment /addendum /extension please visit website: [www.eprocure.gov.in](http://www.eprocure.gov.in) and [www.neigrihms.gov.in](http://www.neigrihms.gov.in)

In the event of the date being declared as a closed holiday for purchaser's office, the due date for submission of bids online and opening of bids online will be the following working day at the appointed time.

### DETAILED TENDER NOTICE

Online tenders in two bid systems are invited from registered contractors of PWD/PHE/Estate office (GAD)/MES/MeECL and equivalent class of CPWD for the following work.

Name of work	Estimated cost (Rs) (approx)	EMD (Rs)
Construction of wash area and changing room for Mali / Cleaners in C & D type quarter	Rs.15,41,878/-	Rs.30,840/-

#### **General Conditions of Contract (GCC):**

1. Bidders /Tenderers would be required to register on the Central Public Procurement Portal at [www.eprocure.gov.in](http://www.eprocure.gov.in), using a valid Digital Signature Certificate (DSC) and valid email address to be able to participate in the bidding process. On registration with the Portal they will be provided with a user id and password by the system through which they can submit their bids online.
2. Digital Signature Certificate (DSC) may be obtained from any authorized agencies registered with the Certifying Authority (CA), through National Informatics Center (NIC) in India.
3. Bidders /Tenderers can download the bid document from Central Public Procurement Portal website at [www.eprocure.gov.in](http://www.eprocure.gov.in). Bidders /Tenderers are required to submit the tender documents online by scanning and uploading with all the relevant documents through [www.eprocure.gov.in](http://www.eprocure.gov.in).
4. Tender document can also be downloaded from the Institute's website at [www.neigrihms.gov.in](http://www.neigrihms.gov.in). For further details regarding Amendment /Addendum /Extension please visit website: [www.eprocure.gov.in](http://www.eprocure.gov.in) and [www.neigrihms.gov.in](http://www.neigrihms.gov.in).
5. **Earnest Money Deposit (EMD) in the form of Call deposit, Banker's Cheque, Fixed deposit or Demand draft, drawn in favour of Deputy Director (Admn.), NEIGRIHMS, Shillong or Bank Guarantee of any Scheduled Bank, shall be scanned and submitted online, along with the Techno-commercial bid (Un priced Bid), within the period of tender online submission date and time and the original (hard copy) should be dropped in the tender box in the Engineering Section, Director's Block, Mawdiangdiang, NEIGRIHMS, Shillong -793018, *not later than the last date of e-submission of the tender***
6. The technical bids will be opened online by a committee of members duly constituted for the purpose at the time and date as specified in the tender document. All statements, documents, certificates, Affidavits, etc uploaded by the bidders will be verified and downloaded for technical evaluation and the result of technical bid evaluation will be displayed on [www.eprocure.gov.in](http://www.eprocure.gov.in) which can be seen by all bidders who participated in the tender.
7. The bidders should download the **BoQ.xls** from CPP Portal and filled in the blank spaces provided for mentioning the name of bidder and rates. Bidders cannot modify any other text or background shown in the BOQ template or replace it with any other copy of same **BOQ in .xls format**. NEIGRIHMS /Central Public Procurement Portal ([www.eprocure.gov.in](http://www.eprocure.gov.in)) will accept the BOQ template only and hence the rate should not be quoted in any other place except BOQ template.
8. The Financial bid (price bid) i.e. Bill of Quantity (BOQ) of only technically qualified bidders will be opened online by a committee of members and the result will be displayed on the [www.eprocure.gov.in](http://www.eprocure.gov.in) which can be seen by all bidders who participated in the tender.
9. **Contractor shall quote the rate of AT PAR or ABOVE the Meghalaya PWD Schedule of Rates for buildings 2021 – 22 and for Roads 2020 – 21 and as per prevailing market rate for the Non Schedule Items**
10. The site is located at Mawdiangdiang
11. Time of completion: 2 (two) months from the date of issue of commencement order.
12. Contractors shall be deemed to have inspected and examined the site of work and its surroundings and familiarized themselves, before submitting the tenders.
13. Tenderers will have to submit copy of their registration, which is valid as on the last date of bid submission.
14. The contractor shall not sub-contract the work to sub-contractors or to any single sub-contractor. An undertaking by the contractor shall have to be submitted to this effect.
15. The successful contractor shall provide a performance security for his proper performance of the contract within 7 (seven) days from the date of receipt of letter of award. The performance Security shall be in the form of FD/Call Deposit to be pledged in favour of Deputy Director (Admn), NEIGRIHMS. The amount of the security shall be 5% (five percent) of the contract price. The performance security shall remain valid for a minimum period of sixty days beyond the date of completion of all contractual obligations and shall be returned to the contractor within 14 days after expiry of the performance security. If the contractor fails to perform the work as per terms and conditions of the contract, the performance security shall be forfeited at his own risk and responsibility.

16. If during the execution of the work the contractor encounters physical obstructions or physical conditions other than climatic conditions on the site, which obstructions or conditions were in his reasonable opinion not foreseeable by the contractor, the contractor shall forth with give notice thereof to the Executive Engineer (C) NEIGRIHMS. On receipt of such notice, the EE shall, in his opinion feel that such obstructions/conditions could not have been reasonably foreseen by the contractor, after due consultation with the contractor determine any extension of time with no financial bearing to which the contractor is entitled.
17. During the execution of the works, the contractor shall keep the site reasonably free from all unnecessary obstructions and shall store or depose of any contractors equipment and surplus materials and clear from the site any wreckage, rubbish or temporary works in consultation with the Sanitary Supt of the Institute.
18. Before issue of any completion certificate, the contractor shall clear away and remove from that part of the site to which the completion certificate relates all contractors' equipment, surplus material, rubbish and temporary works of every kind.
19. The contractor while employing labour should ensure that all the statutory labour laws and regulations are adhered to.
20. In the event of
  - a. The amount or nature of extra or additional work
  - b. Exceptionally adverse climatic conditions
  - c. Other special circumstances which may occur other than through a default or breach of contract by the contractor or for which he is responsible. Being such as fairly to entitle the contractor to extension of time for completion of the works or any section or part thereof, the Institute shall after due consultation with the contractor and subject to clause 11 determine the amount of such extension with no financial bearing and shall notify the contractor accordingly.
21. If the contractor fails to complete the execution and completion of the works as specified in the work order, the contractor shall be bound to pay as liquidated Damages a sum of 0.5 % (percent) per week of delay for such default subject to a maximum of 5 % of the contract price.
22. When whole of the works have been substantially completed, the contractor shall give a notice to the Executive Engineer (C) of the Institute, accompanied by a written undertaking to finish with due expedition any outstanding work during the defect Liability period. Such notice and undertaking shall be deemed to be a request by the contractor to the EE (C) to issue a taking over certificate.
23. Defect liability period shall be 12 (twelve) months calculated from the date of completion of the works certified by the EE (C) in the completion certificate.
24. If the contractor fails to fulfill any of the obligations under this contract, the Institute shall be at liberty to terminate the contract thereby voiding the contract and will be at liberty to allot the whole work or balance works to any other party at the risk and cost of the first party.
25. All works are to be carried out as per current specification prevailing in the state of Meghalaya (MPWD & CPWD) and when directed by the Institute.
26. **Average Annual Financial Turnover** during the last three years ending 31<sup>st</sup> March of the previous financial year should be at least **30 % of the estimated cost**. Tenderer to submit Financial Statement from Chartered Accountant as per **FORMAT – B**.
27. Parties should have the experience of having successfully completed similar works during the last 7 (seven) years ending last day of month previous to the one in which applications are invited should be either of the following: (a). **Three similar completed works each** costing not less than the amount equal to **40% of the estimated cost** or (b) **Two similar completed works each** costing not less than the amount equal to **50 % of the estimated cost** or (c) **one similar completed work** costing not less than the amount equal to **80 % of the estimated cost**. Documentary proof in the form of completion certificates only are to be enclosed failing which the tender will be non-responsive.
28. Completion Certificates should indicate the items of works executed along with the date of award of work & time of completion as per work order & actual time of completion and are to be signed by Officers not below the rank of Executive Engineers or Equivalent **(FORMAT –A)**
29. Running payments can be made to the contractor subject to certification by the Executive Engineer (C) after completion of about 50 % of the work and final payment will be paid after completion of the work after due certification and satisfaction of the Executive Engineer (C).
30. Parties to submit PAN Card
31. Parties to submit GST Registration
32. Parties to submit valid Labour License from Labour Department
33. Rates once accepted will not be enhanced due to variation in the rate of materials, labour and Government taxes.
34. No tools and plants will be supplied by the Institute
35. No materials will be supplied by the Institute.
36. The quoted rates shall be firm, fixed and binding on the contractor irrespective of any variation in the quantities stated in the contract upto **+ 15 %** variation of the contract value as a whole.
37. Successful Non –Tribal tenderers should submit the valid Trading license within 14 (fourteen) days from the date of issue of preliminary work order, failing which the order shall be withdrawn at their risk and responsibility.

38. Any dispute arising out of the contract shall be settled amicably by the Director, NEIGRIHMS, whose decision will be final and binding. In the event the parties are not satisfied they may approach the court of law within the jurisdiction of Shillong only.
39. The specifications and mode of measurement for civil works shall be in accordance with PWD/CPWD specifications unless otherwise specified.
40. In the event of responsive parties quoting same rates, the **Institute reserves the right to allot the work to the bidder having higher / highest credentials in terms of similar work experience**, etc.
41. If there is any excess payment on any item etc made to the contractor, the contractor shall not hesitate to cooperate in adjusting / deducting the same from either the running bills or final bills.
42. The Institute reserves the right to accept or reject any or all tenders without assigning any reason thereof
43. All the above requirements are compulsory for fulfillment as part of the tenders failing which tenders will be rejected.
44. All documents, registrations should be valid as on the last date of tender.
45. Meghalaya Value added tax / Goods and Service Tax as applicable will be deducted from the bills of the contractor.
46. Parties to submit the list of technical staff with at least one experienced Junior Engineer-Civil (Diploma). Attested copy of diploma/degree certificates to be enclosed. Undertaking in the form of affidavit to be submitted.
47. The parties to furnish an affidavit on a non-judicial stamp paper that there is no police/vigilance/CBI case pending against them.
48. Successful bidder will have to furnish an Undertaking to carry out/ execute the work in strict conformity to the specifications as mentioned in the scheduled items and guide notes of the Scheduled of Rates and Indian Standard codes of practice for materials / as per direction of the Engineer-in-charge failing which he/she shall be liable for disqualification/ blacklisted from participating in future tenders of NEIGRIHMS
49. The Party shall be responsible for the safety of all its workmen/employees during the period of execution of the work. The party shall provide all safety materials, gadgets, equipments etc to all its workmen/employees to ensure their safety during execution of the work. The Institute shall not be held responsible in case of any accidents, mishaps etc to the party and its employees
50. Any delay in completion of the works beyond the stipulated date due to reasons attributable to the contractor may eventually lead to cancellation of letter of award for which the contractor is not entitled to any compensation. The cancellation of letter of award would lead to forfeiture of performance security.
51. The contractor is to register with the Labour Department for the work and the registration certificate has to be submitted, failing which the bill cannot be processed
52. If any statutory tax/deduction/recovery is notified by the State/Central Govt, the same shall be deducted from the bill of the contractors as applicable from its effective date of coming into force.
53. The Payment for the work done by the Contractor will be on the basis of measurement of the work executed. The Contractor or his authorized agent or representative shall be present at the time of recording of each set of measurements and sign on the measurement book as a token of acceptance of the measurement.
54. Contractors who engage / employ five or more Inter State Migrant Workmen is required to obtain a license from District Labour Office, East Khasi Hills, Shillong as per prevailing labour laws applicable in the State.
55. Bidders should note that the above terms and conditions will apply specifically in addition to the rules / regulations applicable to works in the Government of India.
56. All rules of GFR will be applicable
57. Wherever relevant, water charges @ 1% on the Order value will be as applicable

Sd/  
Executive Engineer (Civil)  
NEIGRIHMS

Copy to: Accounts officer for information

**Check List of documents to be submitted along with the tender:**

<b>SI No</b>	<b>Documents</b>	<b>Remarks</b>
1	Tender documents	
2	Earnest money Deposit	
3	Copy of registration	
4	Undertaking not to sub-let the work. (format enclosed with the tender)	
5	Valid Trading license in case of non-tribal contractors.	
6	Pan Card.	
7	G S T certificate	
8	Valid Labour License	
9	Documentary proof of work orders, completion certificates as specified in clause 27 of the GCC.	
10	Completion certificates as per FORMAT – A	
11	Average Annual Financial Turnover during the last three years as per FORMAT - B	
12	List of technical staff with Undertaking in the form of affidavit (Degree/Diploma certificate to be enclosed)	
13	Affidavit of no vigilance/police/CBI case pending against them	

## **FORM OF UNDERTAKING**

To

The Executive Engineer (Civil)  
NEIGRIHMS

Sub: Construction of wash area and changing room for Mali / Cleaners in C & D type quarter

Sir,

With reference to the above, I hereby undertake not to sublet the work cited above, if the work is allotted to me.

Date:

*Name of contractor	
*Full postal Address	
*Email Address	
*Mobile No	
*Alternate Mobile No	
*Signature and Seal	

All the fields marked \* above are mandatory to be furnished by the contractor

**FORMAT - A.**

1. Name of Contractor: - .....
2. Name of work completed: - .....
3. Agreement No: - .....
4. Name of Division in which work was executed: - .....
5. Tender Cost: - .....
6. Stipulated date of Start (as per w/o):- .....
7. Stipulated date of Completion (as per w/o):- .....
8. Actual date of Completion: - .....

Signature of Contractor

**\*\*Signature of Officer issuing the C/Certificate**

**\*\* (Officer should not be lower than the rank of Executive Engineer – Civil)**

**FORMAT B**

**FINANCIAL STATEMENT**

SL NO	FINANCIAL PERIOD	AMOUNTS IN LAKHS
1.	2021 - 2022	
2.	2022 - 2023	
3.	2023 - 2024	

SIGNATURE OF  
CONTRACTOR

SIGNATURE OF  
CHARTERED ACCOUNTANT



**BEFORE THE MAGISTRATE FIRST CLASS IN SHILLONG  
AFFIDAVIT**

I,        Shri        \_\_\_\_\_,        son        of        Shri  
\_\_\_\_\_ aged        about        \_\_\_\_\_,        resident        of  
\_\_\_\_\_ do hereby solemnly affirm and declare on oath as follows:-

1.        That I am a bonafide citizen of India and a permanent of the above – mentioned address.
2.        That        I        am        a        registered        contractor,        with        \_\_\_\_\_ vide        Reg.        No.  
\_\_\_\_\_.
3.        That there is no police / vigilance/ CBI case pending against me/ firm.
4.        That I have not been blacklisted in the past by any Government or Private Organization.
5.        That the instant affidavit is sworn in for the purpose of giving a declaration of the aforesaid facts and for all other purpose and intents.
6.        That the statements made herein above are true to the best of my knowledge, belief and information.

**DEPONENT**

Solemnly        affirmed        and        declared        before        me        the        Deponent        above        named        who        is        identified        by  
\_\_\_\_\_ Advocate, Shillong on this the \_\_\_\_\_ at Shillong.

Identified by:

**MAGISTRATE FIRST CLASS  
SHILLONG**

(Advocate, Shillong)

## Bill of Quantity

Name of the Work: - Construction of wash area and changing room for Mali / Cleaners in C & D type quarter

SI No	Description	Unit	Quantity
1	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. b) Beyond 60 cm girth upto and including 120 cm girth	Each	2
2	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 50 m outside the periphery of the area cleared	Sqm	48.00
3	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m a) All kinds of soil	Sqm	48.00
4	Earthwork in excavation by manual means upto a depth of 2m below the existing ground level for foundation trenches of foundations, footings of column/ walls, retaining walls, septic tank etc. including bailing out water where necessary and removal of surplus earth with all lead and lifts as directed and specified for the following classification of soils. All kinds of soil (ordinary soil/ hard soil/dense soil) In ordinary rock (soft rock/ medium rock/ hard shale) c) In hard rock ii) Blasting prohibited	Cum	59.66
5	Providing soling with stone/ best quality picked jhama brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary dewatering, complete. b) Stone soling i) 100mm	Sqm	30.93
6	Providing soling with stone/ best quality picked jhama brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary dewatering, complete. b) Stone soling ii) 150mm	Sqm	54.16
7	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 20 mm nominal size) upto plinth level with: Cement mortar 1:6 (1 cement:6 coarse sand)	Cum	23.40
8	Plain cement concrete works in foundation bed for footing steps, walls, brick works etc below plinth level as directed and specified including dewatering if necessary, and curing complete (shuttering where necessary shall be measured and paid separately). b) 1:3:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20 mm nominal size)	Cum	9.87
9	Providing regular stone masonry in retaining walls etc. with coursed, hammer dressed or blunt chisel dressed stones of heavy section not less than 25x25x30 cm with proper key stone each not less than 25x25x75cm long set in cement mortar 1:6 (1 cement: 6sand) including filling of trenches and providing of weep holes at 1.20 to 1.50 metres apart staggered	Cum	27.00
10	SHUTTERING/ FORMWORK Centering and shuttering including strutting, propping etc. and removal of form for all heights complete and as directed by Engineer in charge. Foundations, footings, bases of columns, etc. for mass concrete (using steel)	Sqm	10.25
11	SHUTTERING/ FORMWORK Centering and shuttering including strutting, propping etc. and removal of form for all heights complete and as directed by Engineer in charge. Columns, Pillars, Piers, Abutments, Posts and Struts (using steel)	Sqm	21.60
12	SHUTTERING/ FORMWORK Centering and shuttering including strutting, propping etc. and removal of form for all heights complete and as directed by Engineer in charge. Lintels, beams, plinth beams, girders, bressumers and cantilevers (using steel)	Sqm	31.59
13	SHUTTERING/ FORMWORK Centering and shuttering including strutting, propping etc. and removal of form for all heights complete and as directed by Engineer in charge. Slabs, roofs, landings, balconies and access platform, shelves (using steel)	Sqm	35.03

14	Supplying, fitting and fixing in position reinforcement bars upto 1st floor level, conforming to relevant I.S. Code for R.C.C. work/ R.B. walling including straightening, cleaning, cutting and bending to proper shapes and length as per details, supplying and binding with 20G annealed black wire and placing in position with proper blocks, supports, chairs, spacers etc. complete. (Rates inclusive of all wastage, lapping, hooks, chairs, anchorage etc. and no measurement for the same is required) c) Thermo-Mechanically Treated bars	Qntl	12.46
15	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. a) All works upto plinth level	Cum	6.27
16	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. b) All works above plinth level upto first floor level	Cum	6.17
17	Earthwork in filling (excluding rock) in trenches, plinth, sides of foundation etc in layers not exceeding 20 cm thick including breaking of clods, consolidating each layer by ramming and watering, lead upto 50 m and lift upto 1.5 m. a) With available excavated earth	Cum	11.70
18	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, complete. 40 mm thick	Sqm	21.93
19	Brick work 7 cm thick with common burnt clay (non modular) 1st class brick in cement mortar 1:3 (1 cement: 3 coarse sand) in superstructure above plinth level and upto first floor level	Sqm	70.74
20	CEMENT PLASTER (IN FINE SAND) 12 mm cement plaster of mix: a) 1:4 (1 cement: 4 fine sand)	Sqm	136.09
21	CEMENT PLASTER (IN FINE SAND) 20 mm cement plaster of mix: a) 1:4 (1 cement: 4 fine sand)	Sqm	122.54
22	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 and shades of any size as approved by Engineer-in-Charge, in walls, 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 a) Normal range	Sqm	77.16
23	Providing ceramic Antiskid Tiles of approved quality size, shape not less than 8mm on floor, skirting over a cement mortar bed 15mm thick of 1:3 (1 cement: 3 coarse sand) complete at all level as specified and directed. a) Normal range	Sqm	16.65
24	Providing and fixing anodised aluminium (anodised transparent or dyed to required shade according to IS:1868. Minimum anodic coating of grade AC 15) sub frame work for windows and ventilators with extruded built up standard tubular sections of approved make conforming to IS:733 and IS:1285, fixed with dash fastener of required diameter and size	Kg	91.80
25	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 required diameter 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/ panelling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, and panelling to be paid for separately): b) 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) i) Anodised aluminium (anodised transparent or dyed to required shade according to IS:1868, Minimum anodic coating of grade AC 15)	Kg	10.29
26	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: c) With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	Sqm	1.52

27	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. a) 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	7.98
28	Providing and fixing to existing door frames c) 25 mm thick PVC flush door shutters made out of a one piece Multi chamber extruded PVC section of the size of 762x25 mm or less as per requirement with an average wall thickness of 1 mm ( $\pm 0.3$ mm). PVC foam end cap of size 23x10 mm are provided on both vertical edges to ensure the overall thickness of 25 mm. M.S. tube having dimensions 19x19 mm and 1.0 mm ( $\pm 0.1$ mm) is inserted along the hinge side of the door. Core of the door shutter should be filled with High Density Polyurethane foam. The Top & Bottom edges of the shutter are covered with an end-cap of the size 25x11 mm. Door shutter shall be reinforced with special polymeric reinforcements as per manufacturer's specification and direction of Engineer-in-charge.	Sqm	5.04
29	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: b) 125x63x4 mm	Each	9
30	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: b) 250x10 mm	Each	7
31	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: a) 125 mm	Each	22
32	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. b) Twin rubber stopper	Each	3
33	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	Each	3
34	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: a) 300x16 mm	Each	7
35	Applying one coat of water thinnable cement primer of approved brand and manufacture on surfaces: Water thinnable cement primer	Sqm	79.66
36	Providing and applying Plaster of Paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	Sqm	61.10
37	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade: New work (two or more coats)	Sqm	61.10
38	Finishing walls with water proofing cement paint of required shade: a) New work (Two or more coats applied @ 3.84 kg/10 sqm)	Sqm	79.66
39	Providing and fixing white vitreous china water closet squatting pan (Indian type): b) Orissa pattern W.C. pan of size 580x440 mm	Each	2
40	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS:7231, with all fittings and fixtures complete. a) 10 litre capacity - White	Each	2
41	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required: a) One urinal basin with 5 litre white P.V.C. automatic flushing cistern	Each	1
42	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing: b) Rectangular shape 453x357 mm	Each	5
43	Providing and fixing toilet paper holder: C.P. brass	Each	2

44	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work (iii) 25 mm nominal outer diameter Pipes	Rm	70.00
45	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete: c) 25 mm nominal bore	Each	3
46	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS:12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	Ltr	1500.00
47	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work (v) 40 mm diameter nominal bore	Rm	15.00
48	21.14 Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: a) 25 to 40 mm nominal bore	Each	23
49	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end): d) 40 mm nominal bore	Each	3
50	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 10mm gap for thermal expansion, (i) Single socketed pipes b) 110 mm diameter	Rm	6
51	Supplying, fitting and fixing PVC pipes, fittings etc pipes 110 mm dia	Rm	78
52	Supplying, fitting and fixing PVC pipes, fittings etc pipes 75 mm dia	Rm	15
53	Supplying, fitting and fixing PVC pipes, fittings etc plain bend 110 mm dia	Each	4
54	Supplying, fitting and fixing PVC pipes, fittings etc door bend 110 mm dia	Each	6
55	Supplying, fitting and fixing PVC pipes, fittings etc door tee 110 mm dia	Each	5
56	Supplying, fitting and fixing PVC pipes, fittings etc Reducer 110 mm x 75 mm	Each	5
57	Supplying, fitting and fixing of Bib Cock (cera)	Each	7
58	Supplying, fitting and fixing of Angle Cock (cera)	Each	3
59	Supplying, fitting and fixing of Soap Dish (cera)	Each	5
60	Supplying, fitting and fixing of Towel rail (cera)	Each	1