



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.neigrhms.gov.in

Tender No: NEIGR/ENGG/95/2023/;

Dated 10th September, 2024

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 SANITARY, WORKSHOP, BMW AND ANCILLARY STORES ETC
(e -Procurement)**

Bid Document Downloading Start Date:	1400 hours of 10.9.2024
Last Date and Time for Submission of Bid Document Online:	1400 hours of 30.9.2024
Last date and Time of Receipt of Earnest Money Deposit (hard copies):	1400 hours of 30.9.2024
Date and Time of Opening of Techno -Commercial Bids:	1400 hours of 1.10.2024
Cost of Earnest Money Deposit (EMD):	Rs.2,26,630.00

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

Tender document can also be downloaded from the Institute's website at www.neigrhms.gov.in For further details regarding amendment /addendum /extension please visit website: www.eprocure.gov.in and www.neigrhms.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 Sanitary, Workshop, BMW and Ancillary Stores etc	Rs.1,13,31,500/-	Rs.2,26,630/-

General Conditions of Contract (GCC):

1. Bidders /Tenderers would be required to register on the Central Public Procurement Portal at 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 Bidders /Tenderers are required to submit the tender documents online by scanning and uploading all the relevant documents through www.eprocure.gov.in
4. Tender document can also be downloaded from the Institute's website at www.neigrihms.gov.in For further details regarding Amendment /Addendum /Extension please visit website: www.eprocure.gov.in and 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 within the stipulated date and time.
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 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 need not 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) 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 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: 12 (twelve) 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 before submitting the tenders.
13. Tenderers will have to submit copy of their registration.
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. In case the Performance Security is in the form of Bank Guarantee the same is to be sent to the Deputy Director (Admn), NEIGRIHMS in sealed envelope directly by the issuing Bank along with the forwarding letter indicating BG No. purposed of the BG, etc. The amount of the security shall be 5% (five percent) of the contract price. The performance security shall be valid until the contractor has executed and completed the works and remedied any defects therein in accordance with the contract. The Performance security shall be returned to the contractor within 14 days from the expiry of the Defect Liability period. If the contractor fails to perform the work as per terms and conditions of the contract, the performance security shall be forfeited.

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 and if extension of time is granted if any in accordance with clause 16 and 20 of the GCC, 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 31st 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 **(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 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 party who is allotted with the work, will have to 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:

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

FORM OF UNDERTAKING

To

The Executive Engineer (Civil)
NEIGRIHMS

Sub: Construction of Sanitary, Workshop, BMW and Ancillary Stores etc

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	
*Signature and seal	
*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 Sanitary, Workshop, BMW and Ancillary Stores etc

SI No	Description	Unit	Quantity
1	Earthwork in excavation 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. (b) In hard/ dense soil	Cum	289.205
2	Earth/ Sand filling in plinth in layers not exceeding 150mm thick B) With available excavated earth including breaking of clods, consolidating each layer by ramming and watering with all lead and lifts.	Cum	73.70
3	Providing brick soling in foundation and under floor 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. (c) Stone soling of thickness 100mm.	Sqm	305.80
4	Plain cement concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed for footing steps, walls, brick works etc. as directed and specified including dewatering if necessary, and curing complete (shuttering where necessary shall be measured and paid separately) (a) In prop. 1:3: 6 (1 cement:3 coarse sand : 6 coarse agg. by volume (using mixture machine)	Cum	36.402
5	Stone masonry work in retaining wall, wing wall, abutment, foundation, steps, plinth etc. in cement mortar in prop 1:6 with levelling course of 1:6:12 with unsize stone / Mawthup both faces hammer dressed including bonding, providing face stone, through stone and centering including racking of joints, curing and supplying and all carriage of stone as directed. (a) random rubble masonry (i) In Sub-structure upto Plinth Level	Cum	67.80
6	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, lappage, hooks, chairs, anchorage etc. and no measurements for the same is required) (a) From Primary Sources like TATA/ SAIL/ ESSAR/ JINDAL/ SHYAM/ RINL (ii) Super Ductile (SD) TMT reinforcement bars	Qntl	238.5898
7	Providing form work of ordinary timber planking of thickness not less than 25mm and removal of the same for concrete members so as to give a rough finish including centering, shuttering, strutting and propping etc., for height of propping and centering of supporting floor to the soffit of the concrete member not exceeding 4.0M as specified for the following items: (a) Foundation, footings, bases of columns, pile cap, raft and mass concrete works etc.	Sqm	182.16
8	Providing form work of ordinary timber planking of thickness not less than 25mm and removal of the same for concrete members so as to give a rough finish including centering, shuttering, strutting and propping etc., for height of propping and centering of supporting floor to the soffit of the concrete member not exceeding 4.0M as specified for the following items: (C) Columns, Pillars, Posts & Strut (i) Square, Rectangular, polygonal in plan or any shape like Tee/L etc. having plane vertical face	Sqm	366.38
9	Providing form work of ordinary timber planking of thickness not less than 25mm and removal of the same for concrete members so as to give a rough finish including centering, shuttering, strutting and propping etc., for height of propping and centering of supporting floor to the soffit of the concrete member not exceeding 4.0M as specified for the following items: (B) Sides of tie beams, grade beams etc. at or below ground level requiring formwork at sides only.	Sqm	78.505

10	Providing form work of ordinary timber planking of thickness not less than 25mm and removal of the same for concrete members so as to give a rough finish including centering, shuttering, strutting and propping etc., for height of propping and centering of supporting floor to the soffit of the concrete member not exceeding 4.0M as specified for the following items: (D) Sides and Soffits of Beams, beam haunchings, cantilever girders, bressumers, lintels and horizontal ties (i) For depth not exceeding 1.0M.	Sqm	343.075
11	Providing form work of ordinary timber planking of thickness not less than 25mm and removal of the same for concrete members so as to give a rough finish including centering, shuttering, strutting and propping etc., for height of propping and centering of supporting floor to the soffit of the concrete member not exceeding 4.0M as specified for the following items: (E) Flat Surfaces such as soffits of suspended floors, roofs, landings, cantilever slabs, chajjas, balconies and the like (i) Thickness of floors/ slab upto 200mm	Sqm	403.628
12	(i) Staircase with sloping or stepped soffits including risers and stringers but excluding Landing	Sqm	41.20
13	Providing and laying Concrete in Reinforced Cement Concrete Works using Concrete Mixture Machine with coarse sand & 20mm downgraded stone aggregate including dewatering if necessary, and curing complete but excluding cost of form work and reinforcement for reinforced cement concrete work (form work and reinforcement will be measured and paid separately) 2.5.1 In Foundation and sub - structure including footing, columns with base, tie and plinth beam, pile cap, raft slab, base slab, RCC walls, retaining walls, walls of septic tank, inspection pit and the like and other works not less than 100mm thick up to Plinth Level. (b) M20 or Prop. 1:11/2:3 (i) Without using admixture, plasticiser	Cum	94.731
14	In Columns, pillars, posts, struts, suspended floor, roof, landing, shelf and support, balcony, lintel, sill band, beam, girder, bressumer, cantilever, staircase etc. above plinth level upto 1st floor level.) (b) M20 or Prop. 1:1.5:3 (i) Without using admixture, plasticiser	Cum	146.318
15	Brick nogged wall with 1st class brick in cement mortar including racking out joints and curing complete as directed in super structure above plinth up to 1st floor level (protruding M.S rod/Tor steel of column to be embedded in cement mortar and will be measured and paid separately) (ii) In proportion 1:4 (1 cement : 4 sand)	Sqm	532.23
16	Brick work in cement mortar with 1st class brick including racking out joints and curing complete in sub-structure upto plinth level including dewatering if necessary as directed. (b) In proportion 1:4 (1 cement : 4 sand)	Cum	3.315
17	15 mm thick Cement plaster in single coat on fair side of single or half brick wall for interior plastering up to 1st floor level including arises, internal rounded angles, not exceeding 80mm girth and finished even and smooth including curing complete as directed. c) In cement mortar 1:4	Sqm	2193.952
18	Extra over item no 5.1 to 5.6 for plastering on ceiling and soffits of stairs up to 1st floor level (instead of plastering on walls) including curing complete as directed. c) In cement mortar 1:4	Sqm	500.382
19	65 mm thick cement concrete floor consisting of 50 mm under layer of cement concrete in prop. 1:3:6 (1 cement: 3 coarse sand: 6 coarse aggregate of 25mm and down) and 15 mm thick wearing layer in cement concrete in prop. 1:1:2 (1 cement: 1 coarse sand: 2 coarse aggregate of size 10mm down) laid in panels and finished with a floating coat of neat cement finish (using cement slurry for bond @ 2.75 kg. per square meter of floor area) including curing etc. complete as directed.	Sqm	126.90
20	Kota-stone slab flooring of 18 mm thick over 20mm thick base of cement plaster 1:6 (1 cement : 6 coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete. (B) Slab above 0.4sq.m. size	Sqm	378.431
21	Providing 18mm thick Granite slab on vertical face of pedestal laid over 10 mm thick base of cement mortar in prop. 1:3 (1 cement 3 coarse sand) jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete as directed with approved quality of shade (B) Executive Quality	Sqm	9.065

22	FRP FRAME providing & fixing of factory made Fiberglass Reinforced Plastic (FRP) door frame of FIBREWAYS having three legged of cross section 90mmx45mm having single rebate of 32 mmx15mm to receive shutter of 30 mm thickness .The laminate door frame moulded with fire retardant grade unsaturated polyester resin and chopped mat .Door frame laminate and shall be filled with suitable wooden block in all the three legs the frame shall be covered with covered glass from all sides. MS stay shall be provided at the bottom to steady the frame.	Rm	92.50
23	Providing and fixing flush door shutters solid core construction with frame of 1st class hard wood with cross band and face veneered ply wood face panels conforming to relevant I.S code including oxidized iron butt hinges (100mm x 75mm x 3.5mm) with necessary wood screws. (B) Non-decorative type face panels and block board core (i) 40 mm thick.	Sqm	92.50
24	Providing, fitting and fixing coloured anodized aluminium windows and ventilators of standard sections without horizontal glazing bars joints mitred and welded (manufactured to relevant IS specifications) fitted with 6mm x 3.15mm lugs 100mm long embedded in CC blocks 150mm x 100mm x 100mm in 1:3:6 mix including providing and fixing handles, frictions stays, joining cleat, bolting device, locking arrangement, spring catch as required complete as specified and directed for all levels (Glass panes included, Cement concrete to be measured and paid separately). (A)Side hung and Top hung openable windows and ventilators (ii) 6mm clear glass	Sqm	65.115
25	Providing two coats of acrylic water based wall putty/ wall filler of Asian Paints/ Berger/ Dulux over concrete/ cement plaster/ brick walls and ceilings both internal and external after removing all the loosely adhering material from the wall/ ceiling surface with the help of emery stone, putty blade or wire brush, moistening the wall with the help of sufficient quantity of clear water as specified and directed by the department.	Sqm	1566.677
26	Providing and fixing M.S. tube 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.	Kg	491.786
27	Applying primary coat over new steel and other metal surface upto 100mm in width or girth with ready mixed "red-lead/ red oxide" primer after preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter and scoured with wire brushes, fine steels, wood scrapers and sand paper	Sqm	33.49
28	Painting two coats (excluding priming coat) on new steel and other metal surface with aluminium paint of approved brand and manufacture(Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac) and brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter	Sqm	33.49
29	Finishing wall with water proofing cement paint of approved brand and manufacture and of required shade on new wall surface (two coats) to give an even shade after thoroughly brooming the surfaces to remove all dirt and remains of loose powdered materials.	Sqm	2193.952
30	Wall painting (two coats) with acrylic emulsion paint approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac) on new surface to give an even shade after thoroughly brushing the surfaces free from mortar droppings and other foreign matter and sand papered smooth.	Sqm	2193.952
31	Extra over item no 15.40 above for every subsequent coat of wall painting with acrylic emulsion paint of approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac).	Sqm	2193.952
32	Structural steel work in single sections including cutting, hoisting, fixing in position and applying a priming coat of red lead paint (up to 4.6m height) from plinth level including drilling holes, supplying, fitting and fixing with bolts and nuts or welding, if necessary as directed. (a) In beams and joists fitted independently without connecting plates.	Qntl	5.3379
33	Supplying and placing plastic cylindrical vertical closed top (PCVC) tank of Sintex / Polycon / Patton make over the staging with manhole cover with locking and cleaning arrangement including providing pads of size as required for inlet and outlet pipes (A) 2000 litre capacity	Each	2
34	Providing fitting and fixing vitreous china pedestal type water closet (European type W.C pan 400mm high) with seat and lead, CP brass hinges and rubber buffers, CI/MS brackets, 40 mm dia flush band with fittings including painting of fittings and brackets, required. (Flushing Cistern to be paid separately) (a)White (i) Normal.	Each	6
35	Supplying, fitting and fixing PVC flushing cistern with all internal fittings with CI brackets including fitting and fixing standard size CP flush pipe, union clamps etc. compete as directed and specified (pipes will be measured separately) (a)White (i) Normal	Each	6

36	Providing fitting and fixing vitreous china flat back type lipped front urinal basin with standard flush pipe and CP brass spreader and brass unions, etc. complete including painting of fittings and brackets, cutting and making good the walls & floors wherever required (a)White (i) Normal	Each	3
37	Providing vitreous China wash basin with CI/MS brackets, C.P brass chain with plug, PVC waste pipe including painting of fittings and brackets, cutting and making good the walls wherever required. (Pillar cock, stop cocks, waste coupling are to be paid separately) BASIN (WITHOUT PEDESTAL) (a)White (i) Normal	Each	7
38	Supplying, fitting and fixing PVC pipes/bends/ Junctions etc. of Supreme/Prince or other ISI approved make, including joining, fitting and fixing with clamps etc. as necessary complete at all levels including below G.L as directed and specified 1. PVC pipes of 6 Kg/cm ² as directed and specified (c) 90mm dia.	Rm	194.00
39	Supplying, fitting and fixing PVC pipes/bends/ Junctions etc. of Supreme/Prince or other ISI approved make, including joining, fitting and fixing with clamps etc. as necessary complete at all levels including below G.L as directed and specified (d)75mm dia.	Rm	60.00
40	Supplying, fitting and fixing PVC pipes/bends/ Junctions etc. of Supreme/Prince or other ISI approved make, including joining, fitting and fixing with clamps etc. as necessary complete at all levels including below G.L as directed and specified 2. 87.5 degree PVC bend as directed and specified (c) 90mm	Each	40
41	Supplying, fitting and fixing PVC pipes/bends/ Junctions etc. of Supreme/Prince or other ISI approved make, including joining, fitting and fixing with clamps etc. as necessary complete at all levels including below G.L as directed and specified (d)75mm dia.	Rm	10.00
42	Supplying, fitting and fixing PVC pipes/bends/ Junctions etc. of Supreme/Prince or other ISI approved make, including joining, fitting and fixing with clamps etc. as necessary complete at all levels including below G.L as directed and specified 5. PVC Plain single tee as directed and specified (c) 90mm	Each	8
43	Providing fitting and fixing Mirror with plastic frame of size 500x400mm complete as directed and specified.	Each	7
44	Providing, fitting and fixing Chrome Plated TOILET PAPER holder complete as directed and specified.(a)Normal	Each	6
45	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) Pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fittings, with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc (a)Exposed or in trenches (vi)50 mm OD pipe	Rm	180.00
46	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) Pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fittings, with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc (iii)25mm OD	Rm	150.00
47	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) Pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fittings, with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc (iii)20mm OD	Rm	90.00
48	Supplying fitting and fixing C.P. bib cock 15mm dia of approved brand directed and specified (G.I. & C.P. pipes will be measured separately) (a)Bib cock short body	Each	6