



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](http://www.neigrhms.gov.in)

**Tender No: NEIGR/ENGG/120/2023;**

**Dated: 5<sup>th</sup> February, 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 CIVIL WORKS IN THE CATH LAB (e -Procurement)**

Bid Document Downloading Start Date:	14:00 hours of 6.2.2024
Last Date and Time for Submission of Bid Document Online:	14:00 hours of 20.2.2024
Last date and Time of Receipt of Earnest Money Deposit (hard copies):	14:00 hours of 20.2.2024
Date and Time of Opening of Techno -Commercial Bids:	14:30 hours of 21.2.2024
Cost of Earnest Money Deposit (EMD):	Rs.27,830/-

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.neigrhms.gov.in](http://www.neigrhms.gov.in) For further details regarding amendment /addendum /extension please visit website: [www.eprocure.gov.in](http://www.eprocure.gov.in) and [www.neigrhms.gov.in](http://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)
Civil works in the Cath Lab	Rs.13,91,500/-	Rs.27,830/-

### **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 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 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](http://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](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: 1 (one) month 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 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 (**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  $\pm 15$  % 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:**

<b>SI No</b>	<b>Documents</b>	<b>Remarks</b>
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: Civil works in the Cath Lab

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:

Signature and seal:

**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**

<b>SL NO</b>	<b>FINANCIAL PERIOD</b>	<b>AMOUNTS IN LAKHS</b>
<b>1.</b>	<b>2020 - 2021</b>	
<b>2.</b>	<b>2021 - 2022</b>	
<b>3.</b>	<b>2022 - 2023</b>	

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: - Civil works in the Cath Lab

SI No	Description	Unit	Quantity
1	Demolishing cement concrete including disposal of material within 50 metres lead as per direction of Engineer-in-charge. a) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	Cum	3.82
2	Dismantling cement asbestos ceiling/ hard board ceiling/ any type ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50 metres lead.	Sqm	12.24
3	Half brick masonry with common burnt clay (non modular) 1stclass bricks in foundations and in plinth: b) Cement mortar 1:4 (1 cement:4 coarse sand)	Sqm	85.672
4	15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix: a) 1:3 (1 cement: 3 fine sand)	Sqm	177.824
5	Providing and applying Plaster of Paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	Sqm	145.368
6	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade: New work (two or more coats)	Sqm	145.37
7	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): a) For fixed portion (i) Anodised aluminium (anodised transparent or dyed to required shade according to IS:1868, Minimum anodic coating of grade AC 15)	Kg	329.451
8	Providing and fixing 12 mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS:12823 Grade-I Type-II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass/ stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. a) Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side	Sqm	15.642
9	Extra for providing frosted glass panes 4 mm thick instead of ordinary float glass panes 4 mm thick in doors, windows and clerestory window shutters. (Area of opening for glass panes excluding portion inside rebate shall be measured)	Sqm	14.22
10	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	10.758
11	Providing and fixing ISI marked flush door shutters conforming to IS:2202 (Part I) decorative type, core of block board construction with frame of 1stclass 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	10.92
12	Supplying, fitting and fixing in position reinforcement bars upto 1stfloor 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 measurement for the same is required) b) High Yield Strength Deformed bars or Tor Bars	Qntl	0.423

13	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	4.15
14	Reinforced cement concrete work in beams, slabs, roofs having slope up to 15o,landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to first floor level, excluding the cost of centering, shuttering, finishing and reinforcement a) M15 or Prop. 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size)	Cum	0.415
15	Providing and fixing 18 mm thick gang saw cut, mirror polished, pre-moulded and pre-polished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement:4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels b) Granite of any colour and shade ii Area of slab over 0.50 sqm	Sqm	5.29
16	Providing polished VITRIFIED wall tiles of approved quality, size, shape and thickness not less than 8mm on walls and skirting over cement mortar bed 10 mm thick in prop. 1:3 (1 cement: 3 coarse sand) including cutting where necessary finished with flush pointing with adhesive or white cement slurry mixed with approved pigment to match shade of tiles complete at all levels as specified and directed a) Normal range	Sqm	22.745
17	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 diameter& length. b) Sal wood	Cum	0.05275
18	Providing and fixing 12 mm thick panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick. b) Fire retardant plywood conforming to IS:5509	Sqm	11.35
19	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on interlocking metal grid of hot dipped galvanized steel sections(galvanized @ 120 grams/sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm centre to centre and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size..... a) GI Metal Ceiling lay in plain Tegular edge Global white colour tiles of size 595x595 mm, and 0.5 mm thick with 8mmdrop; made of GI sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.	Sqm	273.51
20	Providing and fixing GI Clip in Metal Ceiling System of600x600 mm module which includes providing and fixing 'C'wall angle of size 20x30x20 mm made of 0.5 mm thick pre painted steel along the perimeter of the room with help of nylon sleeves and wooden screws at 300 mm centre to centre, suspending the main C carrier of size 10x38x10 mm made of G.I steel 0.7 mm thick from the soffit with help of soffit cleat 37x27x25x1.6 mm, rawl plugs of size 38x12 mm and C carrier suspension clip and main carrier bracket at1000 mm c/c. Inverted triangle shaped Spring Tee having height of 24 mm and width of 34 mm made of GI steel 0.45mm thick is then fixed to the main C carrier and in direction perpendicular to it at 600 mm centres with the help of suspension brackets. Wherever the main C carrier and spring T have to join, C carrier and spring T connectors have to be used. All sections to be galvanized @ 120 gms/sqm (both sides inclusive), fixing with clip in tiles into spring T with: a GI Metal Ceiling Clip in plain Bevelled edge global white colour tiles of size 600x600 and 0.5 mm thick with 25 mm height, made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.	Sqm	273.51
21	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: a) 300x10 mm	Each	11

22	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 7.16 50x40mm dia.	Each	11
23	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: c) 100x75x4 mm	Each	49
24	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, 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.	Each	8
25	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	15
26	Providing and fixing chromium plated brass handles with necessary screws etc. complete: a) 125 mm	Each	15
27	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. (ii) 20 mm nominal outer diameter Pipes	Rm	15.00
28	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.	Rm	15.00
29	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require a) White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	Each	1
30	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS:7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: a) W.C. pan with ISI marked white solid plastic seat and lid	Each	1
31	Cutting holes of required size in brick masonry wall for fixing of exhaust fan including providing and fixing 300 mm dia. PVC pipe conforming BIS-12818 and making good the same etc. complete as per direction of Engineer-in-charge.	Each	1
32	Providing and fixing brass bib cock of approved quality: b) 20 mm nominal bore	Each	2
33	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.	Each	1
34	Providing and fixing PTMT grating of approved quality and colour. (i) 150 mm nominal size square 100 mm diameter of the inner hinged round grating	Each	1
35	Providing and fixing PTMT extension nipple for water tank pipe, fittings of approved quality and colour. c) 25mm nominal bore, weighing not less than 62 gms	Each	5
36	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	1
37	Providing and fixing toilet paper holder: C.P. brass	Each	1