

BHARAT HEAVY ELECTRICALS LTD
ELECTRONIC DIVISION
MYSORE ROAD. BANGALORE- 560026

PART - II

PRICE BID

To be Submitted in separate sealed cover

NAME OF WORK: CONSTRUCTION OF BUILDING FOR CENTRE
OF EXCELLENCE AT EDN PREMISES

Total pages: 26

Preconditions in the tender will be rejected

Contractor has to procure structural & Reinforcement steel from SAIL, TISCO, VISL only and procure ISI brand 43 grade cement of ACC, Ultratech, Zuari, Birla and Rassi only.

Basic prices fixed by CPWD Authorities for steel, cement etc are as follows however **the rates fixed by CPWD as on the date of submission of tender will be consider for working out PVC clause.**

- | | |
|---|---|
| a) ISI brand 43 grade Cement (as specified above) | ---- Rs. 5400.00 /Tonne |
| b) Reinforcement TMT steel (as specified above) | ---- Rs. 4200.00 /Quintal |
| c) Structural steel | --- Rs. 6000.00 / Quintal |
| d) For re- rolling steel | --- 10% less than the above rates of (b) & © |

Price variation Clause will be operated only for the above materials like cement, structural steel and reinforcement steel. The PVC clause will be as per clause 10CA of CPWD manual-2007 with the following formula.

FORMULA AS PER CLAUSE 10CA:

$$V = P \times Q \times \frac{CI - CI_0}{CI_0}$$

Where,

V= Variation in material cost i.e. increase or decrease in the amount in rupees to be paid or recovered.

P= Base price of material as issued under authority of DG (W), CPWD valid at the time of the last stipulated date of receipt of tender including extensions, if any.

Q=Quantity of material used in the works since previous bill.

CI₀= All India Wholesale Price index for the material as published by the Economic Advisor to Government of India, Ministry of Industry and Commerce as valid on the last stipulated date of receipt of tenders including extensions, if any.

CI= All India Wholesale Price Index for the material for period under consideration as published by Economic advisor to Government of India, Ministry of Industry and Commerce. (In respect of the justified period extended under the provisions of relevant clause of the contract without any action under relevant clause, the index prevailing at the time of stipulated date of completion or the prevailing index of the period under consideration, whichever is less shall be considered.)

SCHEDULE

| Name of the Work : Construction of Building for Centre of Excellence at EDN Premises | | | | | | | |
|--|--|---------|---------|--------------------|---------|--------|-----|
| Sl. No. | Description of Work | Qty | Unit | Rate | | Amount | |
| | | | | in figures & words | Rs. Ps. | Rs. | Ps. |
| <u>A - DISMANTLING OF EXISTING BUILDING</u> | | | | | | | |
| 1 | Demolishing lime concrete and disposal of material within 50 mtrs lead at all heights & levels | 240.00 | Cu. Mtr | | | | |
| 2 | Dismantling tile work in floors and roofs laid in cement mortar including stacking materials within 50 mtrs lead for thickness of tiles 10 mm to 25 mm. Contractor has to dismantle WPC tiles from roof mosaictiles any types of tiles as per the direction of Engineer-in-charge at all heights & levels. | 2760.00 | Sq. Mtr | | | | |
| 3 | Demolishing cement concrete including disposal of material within 50 mtrs lead in (1 : 3 : 6) or richer mix . | 322.00 | Cu. Mtr | | | | |
| 4 | Demolishing RCC work including stacking of steel bars and disposal of unserviceable material with in 50 mtrs lead at all heights & levels. | 614.00 | Cu. Mtr | | | | |
| 5 | Demolishing brick work including stacking of serviceable materials and disposal of unserviceable materials within 50 mtrs lead in cement mortar at all heights & levels. | 344.00 | Cu. Mtr | | | | |
| 6 | Demolising stone rubble masonry including stacking of serviceable material and disposal of unserviceable material within 50 mtrs lead in cement mortar. | 898.00 | Cu. Mtr | | | | |
| 7 | Dismantling Doors, Windows, clerestory steel / wood windows, MS Doors, Rolling shutters (steel) at all heights & levels including chowkhats, architrare hold fasts etc complete stacking within 50 mtrs lead | | | | | | |
| | a Area 3.00 sq. mtr & below., | 40.00 | Each | | | | |
| | b Area beyond 3 Sq. Mtr. | 25.00 | Each | | | | |
| 8 | Dismantling wood work in frames, trusses pulins & rafters upto 10 mtrs span and 5 mtrs height including stacking the materials within 50 mtrs lead of sectional area 40 square centimetres and above at all heights and levels. | 5.40 | Cu. Mtr | | | | |
| 9 | Dismantling steel work in built up sections in angles, tees flats & channels including all gusset plates, bolts, nuts, MS frames / ladders / supports / beams etc., cutting rivets, welding etc., including all labours at all heights and levels. | 5000.00 | Kg | | | | |

| Sl. No. | Description of Work | Qty | Unit | Rate | | Amount | |
|--|--|---------|---------|--------------------|---------|--------|-----|
| | | | | in figures & words | Rs. Ps. | Rs. | Ps. |
| 10 | Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the materials within 50 mtrs lead of asbestos sheet. | 40.00 | Sq. Mtr | | | | |
| 11 | Dismantling wooden boarding in lining of walls and partitions, excluding supporting members but including stacking within 50 mtrs lead upto 10 mm thick at all heights / floors. | 397.00 | Sq. Mtr | | | | |
| 12 | Dismantling aluminium / Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable materials within 50 mtrs lead as directed by the Engineer-in-charge at all heights & levels Partitions | 236.00 | Sq. Mtr | | | | |
| 13 | Dismantling C I or asbestos rain water pipes & fittings and clamps including stacking of the materials within 50 mtrs lead for 100 mm dia pipe and any diameter. | 200.00 | RM | | | | |
| 14 | Dismantling GI pipes (external work) including excavation and refilling trenches after taking out the pipes including stacking of pipes within 50 mtrs lead, | | | | | | |
| a | 15 to 40 mm nominal bore. | 200.00 | RM | | | | |
| b | Above 40 mm nominal bore. | 100.00 | RM | | | | |
| 15 | Earth work in excavation over areas (exceeding 30 cm in depth 1.50 m in width as well as 10 Sq. Mtr on plan) including disposal of excavated earth lead upto 50 mtrs and lift upto 1.5 m disposed earth to be levelled and neatly dressed in all kinds of soil. | 900.00 | Cu. Mtr | | | | |
| 16 | Filling available excavated earth (excluding rock) in trenches plinth, sides of foundations etc., in layers not exceeding 20 cm in depth consolidating each deposited layer by ramming and watering, lead upto 50 mtrs and lift upto 1.50 mtr. | 78.00 | Cu. Mtr | | | | |
| 17 | Dismantling of wash basin, water closet ITWC, ETWC, Urinals etc., as per the directions of Engineer-in-charge | 20.00 | Each | | | | |
| 18 | Collecting conveying of debris / building rubbish, earth and excavated rocks etc., complete from factory premises to outside upto 20 kms lead including loading, unloading, all labours, hire charges of machinery etc., complete | 3429.00 | Cu. Mtr | | | | |
| TOTAL VALUE OF DISMANTLING OF EXISTING BUILDING | | | | | | | |

| Sl. No. | Description of Work | Qty | Unit | Rate | | Amount | |
|-----------------------------------|--|---------|---------|--------------------|---------|--------|-----|
| | | | | in figures & words | Rs. Ps. | Rs. | Ps. |
| <u>B. BUILDING PORTION</u> | | | | | | | |
| 1 | Earth work in excavation over areas (Exceeding 30 cm in depth, 1.50 mtrs in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50 mtrs and lift upto 1.5 mtr, disposed earth to be levelled and neatly dressed in all type of soil. | 1800.00 | Cu. Mtr | | | | |
| 2 | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work at all levels below foundation and for flooring concrete (1:4:8) | 350.00 | Cu. Mtr | | | | |
| 3 | Providing and laying in position machine batched machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete structural elements, 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 for the following grades of reinforced cement concrete at all heights & floors | | | | | | |
| A | M 25 grade RCC retaining wall with ready mixed concrete. | 98.00 | Cu. Mtr | | | | |
| B | M 25 grade RCC footings with ready mixed concrete. | 73.00 | Cu. Mtr | | | | |
| C | M 25 grade RCC Columns. | 183.00 | Cu. Mtr | | | | |
| D | M 25 grade RCC Beams. | 318.00 | Cu. Mtr | | | | |
| E | M 20 grade RCC Roof Slab with RMC (Ready Mixed Concrete). | 522.00 | Cu. Mtr | | | | |
| F | M 25 grade RCC Lift Wall with ready mixed concrete. | 112.00 | Cu. Mtr | | | | |
| G | M 25 grade RCC Stair Case. | 20.00 | Cu. Mtr | | | | |
| H | M 25 grade RCC Lintels and Cantilevers. | 77.00 | Cu. Mtr | | | | |
| I | M 25 grade RCC Chajjas and Facia / Fins. | 10.00 | Cu. Mtr | | | | |

| Sl. No. | Description of Work | Qty | Unit | Rate | | Amount | |
|---------|--|-----------|---------|--------------------|---------|--------|-----|
| | | | | in figures & words | Rs. Ps. | Rs. | Ps. |
| 4 | Centering and shuttering including strutting, propping etc., and removal of Form for at all heights and levels for | | | | | | |
| A | Retaining walls (any thickness) including attached pillasters, buttresses, plinth and string courses etc., | 750.00 | Sq. Mtr | | | | |
| B | Footing, foundations, bases of columns etc for mass concrete. | 220.00 | Sq. Mtr | | | | |
| C | Columns, pillars, piers, abutments, posts and struts. | 680.00 | Sq. Mtr | | | | |
| D | Lintels, Beams, plinth beams, girders, bressumers and cantilevers. | 2850.00 | Sq. Mtr | | | | |
| E | Roofs, Suspended floors, landings, balocnies & access platform. | 3800.00 | Sq. Mtr | | | | |
| F | Lift walls at all heights & levels. | 600.00 | Sq. Mtr | | | | |
| G | Staircases (excluding landings). | 90.00 | Sq. Mtr | | | | |
| 5 | Providing and laying in position reinforcementfor RCC work including straightening, cutting, bending, placing in position and binding for bars with 16 gauge G I wires welding of reinforcement where required, providing cover to reinforcement all complete in THERMO MECHANICALLY TREATED BARS. | 210000.00 | Kg | | | | |
| 6 | Providing and constructing 230 mm thick brickwork with bricks of class designation 75 at all levels in CM (1:6) including providing necessary staging, scaffolding curing removing the staging and scaffolding, complete work. | 900.00 | Cu. Mtr | | | | |
| 7 | Providing 115 thick brickwork in CM (1:4) with bricks of class designation 75 at all levels including providing a layer of reinforced concrete every 6th course with 2 Nos., of 6 mm dia MS bars, providing scaffolding curing, removing scaffolding etc., complete. | 500.00 | Sq. Mtr | | | | |
| 8 | Providing, fabricating and fixing hand rail by welding or grouting to ladder, balcony, staircase, etc., including finishing, complete with GI pipes 40 mm NB (Class B). | 875.00 | Kg | | | | |

| Sl. No. | Description of Work | Qty | Unit | Rate | | Amount | |
|---------|--|---------|---------|--------------------|---------|--------|-----|
| | | | | in figures & words | Rs. Ps. | Rs. | Ps. |
| 9 | Providing and fixing ISA 50 X 50 X 5 mm to act as nosing with lugs of MS flat 10 x 5 mm, forked at end 600 mm apart (Min. Three lugs) including necessary welding to steps, stairs, balconies etc., including applying two or more coats of approved synthetic enamel over a coat of corrosion resistant primer, complete. | 350.00 | Kg | | | | |
| 10 | Providing surfaces and ceiling, portico etc., with plaster of cement mortar (1:3) 6 mm thick average to get a plain and even surface finished smooth with thin coat of lime rendering at all levels including providing scaffolding, curing, etc., complete (Ceiling). | 4400.00 | Sq. Mtr | | | | |
| 11 | Providing surfaces of walls inside such other members with plaster of cement mortar (1:6) 15 mm thickness to get a plain and even surface, lime rendering finished smooth with all labour, materials & providing and removing scaffolding complete at all heights and levels (inside walls). | 6500.00 | Sq. Mtr | | | | |
| 12 | Providing surfaces of walls outside periphery of chajja etc., with plaster of CM (1:6) 15 mm average thickness to get a plain and even surface finished rough at all levels including providing and removing scaffolding (outside). | 2200.00 | Sq. Mtr | | | | |
| 13 | Providing rough cast plaster upto 10 m height above ground level with a mixture of sand and gravel or crushed stone from 6 mm to 10 mm nominal size dashed over and including the fresh plaster in two layers, under layer 12 mm cement plaster 1 : 4 (1 cement : 4 coarse sand) and top layer 10 mm cement plaster (1 : 3) (1 cement : 3 fine sand) mixed with 10 % finely grounded hydrated lime by volume of cement ordinary cement finish using ordinary cement. | 680.00 | Sq. Mtr | | | | |
| 14 | Filling available excavated earth (excluding Rock) in trenches, plinth, sides of foundations etc., in layers not exceeding 20 cm in depth consolidating each deposited layer by ramming and watering lead upto 50 mtrs and lift upto 1.50 mtrs. | 600.00 | Cu. Mtr | | | | |

| Sl. No. | Description of Work | Qty | Unit | Rate | | Amount | |
|---------|---|---------|---------|--------------------|---------|--------|-----|
| | | | | in figures & words | Rs. Ps. | Rs. | Ps. |
| 15 | Supplying and fixing rolling shutters of approved make, made of 80 X 1.25 mm MS laths interlocked together through their entire length and jointed together at the end by end locks mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete including the cost of providing and fixing necessary 27.5 cm long wire springs grade No. 2 and MS top cover 1.25 mm thick for Rolling shutters including the cost of | 40.00 | Sq. Mtr | | | | |
| A | 2 H P Motor | | | | | | |
| B | Reduction Gear Box | | | | | | |
| C | Mechanical to Electrical Converting clutch system | | | | | | |
| D | Automatic step and base plates etc., mounted on frame made out of frame of approved size / demension etc., complete as per the directions of Engineer-in-charge. | | | | | | |
| 16 | Providing and fixing anodised aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS : 733 and IS : 1285 anodised transparent or dyed to required shade according to IS : 1868 (minimum anodic coating of grade AC 15), fixed with rawl plugs and screns or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions at top, bottom and sides with required PVC / neoprine felt etc., Aluminium sections shall be smooth, rust free straight mitred and jointed mechanically wherever required including cleat angle, alumimum snap beading for glazing. | | | | | | |
| | panelling, CP brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge (Glazing and panelling to be paid for separtely) for shutters of doors, windows and ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of PVC / Neoprene gasket required (fittings shall be paid for separtely. | | | | | | |
| | (a) For Fixed portion. | 6000.00 | Kg | | | | |
| | (b) Aluminium Door openable with pivots / sliding including cost of all accessories | 4000.00 | Kg | | | | |
| | (c) Aluminium Window fixed portion | 2500.00 | Kg | | | | |
| | (d) Aluminium sliding window two track with shutter and locking arrangement | 500.00 | Kg | | | | |

| Sl. No. | Description of Work | Qty | Unit | Rate in figures & words | | Amount | |
|---------|---|---------|---------|-------------------------|-----|--------|-----|
| | | | | Rs. | Ps. | Rs. | Ps. |
| 17 | Providing and fixing anodised aluminium work (with minimum 15 micron uniform anodic coating) consisting of tee / angle sections of approved make conforming to IS : 733 in frames of false ceiling including aluminium angle cleats with necessary CP brass / stainless steel screws, aluminium perimeter angles fixed to wall with rawl plugs @ 450 mm centre to centre and fixing the frame work to level adjusting hangers (6 mm dia MS rods) with necessary cadmium plated machine screws all complete as per approved architectural drawings and directions of the Engineer-in-charge. (level adjusting hangers, ceiling cleats and expansion hold fasteners to be paid for separately). The false ceiling grid size 60 x 60 cm. The rate including cutouts openings for tube lights and Air Condition grill etc., complete at all heights & levels as directed by the Engineer-in-charge. | 5000.00 | Kg | | | | |
| 18 | (a) Providing and fixing 12 mm thick prelaminated three layer medium density (exterior grade) particle board Grade - I, Type II conforming to IS : 12823 bonded with phenol formal dehyde synthetic resin, of approved brand and manufacture in panelling fixed in aluminium doors, windows shutters and partition frames with CP brass / stainless steel screws etc., complete as per architectural drawings and directions of Engineer-in-charge for prelaminated particle board with decorative lamination on both sides for Door / Windows / Partitions. | 1050.00 | Sq. Mtr | | | | |
| | (b) Prelaminated particle board with decorative lamination on one side and balancing lamination on other side for false ceiling grid 60 x 60 or as per site conditions. | 3500.00 | Sq. Mtr | | | | |
| 19 | Providing and fixing Tinted glass in aluminium door, window, ventilator shutters and partitions etc., with PVC / neoprene gasket etc., complete as per the architectural drawings and the directions of Engineer-in-charge | | | | | | |
| | a) With tinted glass panes of 4.00 mm thickness. | 450.00 | Sq. Mtr | | | | |
| | b) With tinted glass panes of 5.00 mm thick for partition and Aluminium Doors. | 450.00 | Sq. Mtr | | | | |

| Sl. No. | Description of Work | Qty | Unit | Rate | | Amount | |
|---------|--|---------|---------|-------------------------------|--|--------|-----|
| | | | | in figures & words Rs. Ps. | | Rs. | Ps. |
| 20 | Providing and painting ceilings, porticos, inside walls etc with a priming coat of cement primer and two or more coats of oil bound distemper of approved brand quality and make to give an even shade including applying zinc putty, scrubbing the surface for getting perfectly uniform and true finish as required providing scaffolding, curing wherever necessary removing scaffolding and providing touch-ups as required for ceiling. | 4400.00 | Sq. Mtr | | | | |
| 21 | Providing and painting ceilings, porticos inside walls, etc., with a priming coat of primer and two or more coats of Acrylic plastic emulsion of approved brand and make to give an even shade including zinc putty scrubbing the surface for getting perfecting uniform and true finish as required providing scaffolding and providing touch-ups as required complete works for walls. | 6500.00 | Sq. Mtr | | | | |
| 22 | Providing and painting ceilings porticos inside walls etc with a priming coat of suitable approved primer and two or more coats of synthetic enamel of approved quality and make to give an even shade including applying zinc putty, scrubbing the surface for getting perfectly uniform and true finish as required providing scaffolding and removing scaffolding etc., complete at all heights and levels. | 200.00 | Sq. Mtr | | | | |
| 23 | Providing and fixing homogeneous 2 mm thick polyvinylchloride sheet / tile in flooring and skirting in approved pattern on a smooth and damp proof base using rubber based adhesives of approved quality and manufacturer like Dunlop S - 758, Fevicol SR - 908 or equivalent including rolling with light wooden roller weighing about 5 kgs all complete as directed by the Engineer-in-charge in approved colour & shade PVC flooring. | 150.00 | Sq. Mtr | | | | |
| 24 | Providing and fixing double action hydraulic floor spring of approved quality and make (conforming to IS 6315) for aluminium doors including cost of cutting floors as required, embedding in floors and cover plates etc., complete as per the directions of Engineer-in-charge. | 40.00 | Each | | | | |

| Sl. No. | Description of Work | Qty | Unit | Rate | | Amount | |
|---------|--|---------|---------|--------------------|---------|--------|-----|
| | | | | in figures & words | Rs. Ps. | Rs. | Ps. |
| 25 | Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pillasters, columns, piers abutments, pillars, posts struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc., upto and all levels excluding the cost of centering shuttering and finishing with CM (1:3) for (1:3:6) (1 : Cement : 3 Coarse Sand : 6 Graded Stone aggregate 20 mm nominal size) For flagging concrete. | 8.00 | Cu. Mtr | | | | |
| 26 | Providing and fixing on wall face un plasticised rigid PVC rain water pipe 110 mm dia conforming to IS 13592 type A including jointing with seal ring conforming to IS 5382 leaving 10 mm gap for the thermal expansion including all fittings like bends, tees, clamps, screws, cleats etc., complete at all heights and levels as directed by the Engineer-in-charge. | 220.00 | RM | | | | |
| 27 | Providing and laying 18 mm thick mirror polished granite machine cut for wall dadoos, lift front face wall, and similar locations of required size of approved shade colour and texture laid over 20 mm thick base cement mortar (1:4) (1 Cement : 4 Coarse Sand) plaster and fixing the granite slab with cement slurry and joints treated with cement, mixed with matching pigment, epoxy touchups, including rubbing, curing etc., complete at all heights and levels for granite pink / grey colour as directed by Engineer - in - charge. | 750.00 | Sq. Mtr | | | | |
| 28 | Finishing walls with Acrylic smooth exterior paint "Trump" of M/s. Snowcem India Ltd., or equivalent of required shade on new work (two or more coats applied @ 1.67 Ltrs / 10 Sqm) (at all levels). | 2200.00 | Sq. Mtr | | | | |
| 29 | Encasing Rolled sections (steel sections) in beams and columns, with cement concrete (1 : 3 : 6) (1 Cement : 3 Coarse Sand : 6 Stone aggregate 12.5 mm nominal size) including centering and shuttering but excluding the cost of reinforcement at all heights & levels. | 10.00 | Cu. Mtr | | | | |
| 30 | Providing plastering of lift well inside surface with cement mortar (1: 6) 20 mm thick average to get plane and true plumb including providing and removing of scaffolding in lift well from ground floor to lift machine room as per requirement of lift erection group etc., complete. | 300.00 | Sq. Mtr | | | | |

| Sl. No. | Description of Work | Qty | Unit | Rate | | Amount | |
|---------|--|---------|---------|--------------------|---------|--------|-----|
| | | | | in figures & words | Rs. Ps. | Rs. | Ps. |
| 31 | Providing and laying 52 mm thick concrete smooth finished flooring with " Hard Crete " concrete hardener topping under layer 40 mm thick cement concrete (1:2:4) (1 Cement : 2 Coarse Sand : 4 Graded stone aggregate 6 mm nominal size) and top layer 12 mm thick hardcrete cement hardener consisting of mix (1:2) (1 cement hardner mix : 2 stone aggergate 6 mm nominal size) by volume with which hardcrete hardening compound of Snowcem India Ltd., or equivalent is mixed @ 2 litre hard crete per 50 kg of cement including cement slury but excluding the cost of nosing of step etc., complete. | 50.00 | Sq. Mtr | | | | |
| 32 | Providing asbestos cement 6 mm thick corrugated sheet roofing and fixing with polymer coated ' J ' or ' L ' hooks bolts & nuts 8 mm dia G I plain and bitumen washers complete excluding the cost of of purlin, rafter at all heights & levels. | 18.00 | Sq. Mtr | | | | |
| 33 | Providing structural steel work in single section fixed with connecting plate including angles, chequered plate, Ms plates / flats beams, Joists, Tees, Channels etc., cutting hoisting fixing in position at all levels and applying a priming coat of approved steel primer etc., complete. | 5000.00 | Kg | | | | |
| 34 | Providing lime concrete terracing on roof average thickness 10 cms laid to fall with 25 mm nominal size brick aggregate and 50 % of lime mortar 1 : 2 (1 lime putty : 2 Surki) rammed with wooden ramper and finished with gur and belgiri treatment including necessary tamping etc., complete at all heights and levels. | 875.00 | Sq. Mtr | | | | |
| 35 | Providing and laying pressed split clay tiles (as per aproved pattern) 20 mm nominal thickness on roofs jointed with cement mortar mixed with 2 % integral water proofing compound laid over a bed of 20 mm thick cement mortar (1 : 4) (1 cement : 4 Coarse Sand) and finished neat complete at all heights and levels as directed by the Engineer-in-charge. | 875.00 | Sq. Mtr | | | | |
| 36 | Providing and fixing IS : 3564 marked aluminium die cast body tubular type Universal Hydraulic door closer hardwyn make (Classic Queen) or equivalent with necessary accessories and screws etc complete at all heights & levels. | 24.00 | Each | | | | |

| Sl. No. | Description of Work | Qty | Unit | Rate | | Amount | |
|---------|---|-------|---------|--------------------|---------|--------|-----|
| | | | | in figures & words | Rs. Ps. | Rs. | Ps. |
| 37 | 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 for 250 X 16 mm size at all heights & levels. | 84.00 | Each | | | | |
| a) | for 250 x 16 mm size sliding bolts at all heights & levels. | 0.00 | Each | | | | |
| b) | 250 X 10 mm size tower bolt. | 96.00 | Each | | | | |
| c) | aluminium handles of 125 mm size with nuts & screws. | 96.00 | Each | | | | |
| d) | door stopper of single rubber stopper with screws for fixing stopper. | 52.00 | Each | | | | |
| 38 | Providing and fixing bright finished brass 100 mm mortice latch and lock ISI marked with six levers and a pair of anodized (anodic coating not less than grade AC 10 as per IS : 1868) aluminium lever handles with necessary screws etc complete (best make of approved quality). | 24.00 | Each | | | | |
| 39 | Providing and fixing 35 mm thick second class indian teak wood glazed shutters with 5 mm thick stained / itching galss with necessary teak wood beading supply and fixing of MS oxidised butt hinges 100 X 58 X 1.9 mm size, 3 Nos. to each shutter fitted with suitable necessary MS metal Fold Screws etc., complete including the cost of all materials and labour etc., for double or single leaf shutters. | 80.00 | Sq. Mtr | | | | |
| 40 | Providing & fixing 40 X 5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs & embedding in cement concrete block 30 x 10 x 15 cm (1 : 3 : 6) mix (1 Cement : 3 Coarse sand : 6 graded stone aggregate 20 mm nominal size) at all levels. | 50.00 | Each | | | | |
| 41 | Providing & fixing ISI marked flush door shutters decorative type, core of block board construction with frame of 1st Class hard wood and well matched teak 3 ply veneering with vertical grains at cross bands and face veneers on both faces of shutters for 30 mm thick including ISI marked stainless steel butt hinges with necessary screws. | 60.00 | Sq. Mtr | | | | |

| Sl. No. | Description of Work | Qty | Unit | Rate | | Amount | |
|---------|---|--------|---------|--------------------|---------|--------|-----|
| | | | | in figures & words | Rs. Ps. | Rs. | Ps. |
| 42 | Providing wood work in frames of doors, windows clerestory windows and other frames wrought framed and fixed in position in second class teak wood. | 15.00 | Cu. Mtr | | | | |
| 43 | Providing and fixing ISI marked oxidised MS handles conforming to IS 4992 with necessary screws etc complete for 125 mm size handles. | 20.00 | Each | | | | |
| 44 | Providing & fixing pre laminated flat pressed 3 layer (medium density) particle board (like novapan ECO Board etc.,) or graded wood particle board (like bhutan board) IS : 3087 marked with one side decorative & other side balancing lamination grade - 1, type II exterior grade conforming to IS : 12823 marked inshelves with screws & MS or aluminium brackets wherever required edges to be painted with polyurethane primer. (at all heights & levels for 25 mm thick board). | 500.00 | Sq. Mtr | | | | |
| 45 | Providing and fixing 30 mm thick factory made PVC rigid foam panelled door shutters manufactured by M/s. Rajshri or equivalent made from MS tube of 19 gauge thickness, size 19 x 19 mm for styles and 15 x 15 mm for top and bottom rails, covered with heat moulded PVC " C " channel of 5 mm thick sheet and 30 X 50 mm wide to form styles and 5 mm thick & 75 mm wide PVC sheets for top rail, lock rail and bottom rail on either side and 5 mm thick 20 mm wide cross PVC sheet as gap insert for top rail and bottom rail and panelling of 5 mm thick PVC sheet fitted in the MS frame welded / sealed to the styles and rails with 5 x 30 mm PVC sheet beading on either side and jointed together with solvent cement adhesive etc. , complete as per manufacturers specification and directions of Engineer-in-charge fixed to frames with 4 Nos., MS powder coated butt hinges (for WC and Bath room shutters) at all levels. | 100.00 | Sq. Mtr | | | | |

| Sl. No. | Description of Work | Qty | Unit | Rate | | Amount | |
|---------|--|--------|---------|--------------------|---------|--------|-----|
| | | | | in figures & words | Rs. Ps. | Rs. | Ps. |
| 46 | Providing & fixing factory made PVC door frame manufactured by M/s. Rajshri or equivalent of size 50 x 47 mm with a wall thickness of 5 mm, made out of extruded 5 mm rigid PVC foam sheet mitred at corners and joined with 2 nos of 150 mm long brackets of 15 x 15 mm MS square tube, the vertical door profiles to be reinforced with 19 x 19 mm Ms Square tube of 19 guage, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using MS screws of 65 / 100 mm size complete as per manufacturers specification & directions of Engineer-in-charge at all levels and floors. | 300.00 | RM | | | | |
| 47 | Providing and fixing aluminium sliding bolts for door ISI marked anodized (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 for 300 x 16 mm . | 70.00 | Each | | | | |
| 48 | Providing & fixing 18 mm thick plain white marble mirror polished machine cut for urinal partitions and similar locations of required size of approved shade colour and texture laid over 20 mm base cement mortar 1 : 4 (1 cement : 4 coarse sand) with joints treated white cement, mixed with matching pigment, epoxy touchups including grinding rubbing, curing etc complete at all levels size 0.60 x 1.20 mtrs at all levels and floors. | 240.00 | Sq. Mtr | | | | |
| 49 | Providing and fixing vertical venitian blinds of approved colour and brand cost is inclusive of supply of materials, fixing, labour charges, transportation all leads, lifts, taxes etc., complete at all heights and levels. | 400.00 | Sq. Mtr | | | | |
| 50 | Providing and fixing auto sensor door made out of 10 mm thick toughened glass with aluminium side frame of 44.45 X 47.62 X 1.52 mm and bottom frame of 100 X 44.50 X 1.74 mm along with entry and exit sensor. Single leaf door of size 1.20 m X 2.40 m or as per required dimensions as directed by Engineer-in-charge including all labour, materials, taxes / vat etc., complete | 72.00 | Sq. Mtr | | | | |

| Sl. No. | Description of Work | Qty | Unit | Rate | | Amount | |
|---------|--|---------|---------|-------------------------------|--|--------|-----|
| | | | | in figures & words Rs. Ps. | | Rs. | Ps. |
| 51 | Providing and fixing level adjusting 6 mm dia hangers of MS rods (upto 1200 mm length) fixed to roof slabs bymeans of MS angle ceiling cleats 40 x 40 x 5mm size 40 mm long and expansion hold fasteners 12.5 mm dia 40 mm long including applying priming coat of zinc chromate yellow primer for steel members complete. | 4400.00 | Each | | | | |
| 52(a) | Random rubble masonry with hard stone in foundation & plith including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) at plinth level with cement mortar 1:6 (1 cement : 6 coarse sand) | 145.00 | Cu. Mtr | | | | |
| b) | _do_ with available stone | 80.00 | Cu. Mtr | | | | |
| 53 | Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) for flush pointing. | 70.00 | Sq. Mtr | | | | |
| 54 | Collecting and disposal off earth / debris etc., at site as directed by the Engineer-in-charge. The debris to be transported from the factory premises to out side 20 kms lead including all lead, lift, loading, unloading from the vehicle etc., complete. | 1200.00 | Cu. Mtr | | | | |
| 55 | Providing and laying vitrified floor tiles of size 600 x 600 mm of thickness not less than 10 mm of M/s. Johnson (Marbonite) or equivalent in light colours and shades laid on 20 mm thick CM (1:3) (1 cement : 3 coarse sand) and curing and filling the joints with filler to match with colour of tiles complete as per the directions of the Engineer-in-charge at all levels and floors. | 1480.00 | Sq. Mtr | | | | |
| 56 | Providing S.S. Hand Rail (Stainless Steel) and Baluster system of kitch A/S Grade as per Manufacture details and of design approved by Engineer - in - charge at all heights and levels. | | | | | | |
| | (a) Top Mounted 38 mm Dia S.S. Hand rail with doule Baluster of 16 mm Dia each. | | | | | | |
| | (b) Wall Mounted 38 mm Dia S.S. Hand rail. | 25.00 | RM | | | | |

| Sl. No. | Description of Work | Qty | Unit | Rate | | Amount | |
|---------|--|--------|---------|--------------------|---------|--------|-----|
| | | | | in figures & words | Rs. Ps. | Rs. | Ps. |
| 57 | Providing and installing raised floor with cavity below constructed with a combination of mild steel die cast aluminium alloy jacks main and cross cold rolled steel channels stringers, wall angles, particle board floor panels with a clear height of 1 feet from the concrete floor to the top of the raised floor including steps and ramps as required. Jack shall be provided at junction of floor panels. The jacks shall be inter connected with removable main and cross channels stringers of size 40 x 40 x 40 2 mm thickness placed over aluminium alloy top head attachment to pedestals is in both directions true to level and alignment. All the steel channel shall be Zinc Electro plated. The electroplated surface shall be protected by chromate passivation. The floor panels shall be made of 35 mm thick phenol formaldehyde resin bonded three layered flat pressed teak particle. | | | | | | |
| | board with 2 mm thick antistatic laminated sheet of fire retardant and abrasion resistant quality fixed to the board surface with adhesive of approved quality. The bottom and the edge of the floor panels shall be lipped with "Z/flat" shape hard PVC beading with suitable size groove cut along the edges of the panels and fixed firmly with adhesive. The GI sheet shall overlap the beading edge. The finished panels shall be to the perfect size, shape, alignment, free from any undulation and numbered for identification. The raised floor shall be capable of taking a point load of 500 Kgs and distributed load of 800 Kgs per Square metre. the grid work & floor panels shall be 600 x 600 mm. The rate to be inclusive of all lead, lift, Taxes, VAT Taxes, Octroi, transportation, accessories, all labour charges erection etc complete at all heights and floors / levels as per the directions of Engineer-in-charge | 871.00 | Sq. Mtr | | | | |

| Sl. No. | Description of Work | Qty | Unit | Rate | | Amount | |
|---------|--|---------|---------|--------------------|---------|--------|-----|
| | | | | in figures & words | Rs. Ps. | Rs. | Ps. |
| 58 | Supplying and filling in plinth with river sand under floors including, watering, ramming, consolidating and dressing complete. | 121.00 | Cu. Mtr | | | | |
| 59 | Providing and filling expansion joints in walls / columns, ceilings or any other location with expanded polystrene or equivalent non extruding filler of approved make 25 mm thick and required width and length including fixing the pad in position after applying corresponding primer bond breaker and thick polysulphide sealant or approved equivalent on both sides of the expansion joint, all as directed etc and as per specifications complete. | 80.00 | RM | | | | |
| 60 | Providing cement concrete flooring (1:2:4) (1 Cement : 2 Coarse Sand : 4 Graded Stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc., complete for 50 mm thick with 20 mm nominal size stone aggregate. | 1601.00 | Sq. Mtr | | | | |
| 61 | Providing and laying Epoxy flooring to the following specifications including the cost of all materials curing etc., complete. | | | | | | |
| a) | Laying ploymer concrete M 30 grade 50 mm thick. | | | | | | |
| b) | Prepare the entire surface area of floor including area laid with polymer concrete by short blasting / grit blasting. | | | | | | |
| c) | Laying the self level epoxy to the thickness of 2 - 3 mm providing and applying Sika floor / equivalent as specified below., | | | | | | |
| d) | Grinding of the surface by means of mechanical grinding machine to remove the entire loose particle adhered to the surface. | | | | | | |
| e) | The pot holes if any that should be repaired with "sika floor 83 Epocem " / equivalent. | | | | | | |

| Sl. No. | Description of Work | Qty | Unit | Rate | | Amount | |
|--|---|--------|---------|-------------------------------|--|--------|-----|
| | | | | in figures & words Rs. Ps. | | Rs. | Ps. |
| f) | On the prepared surface one coat of water based epoxy modules special primer shall be applied sika floor 80 primer / equivalent. | | | | | | |
| g) | Over the sika floor 80 primer / equivalent surface 2 mm self levelling moisture based epoxy cement combination sika floor 81 Epo cem / equivalent shall be laid. | | | | | | |
| h) | Over sika floor 81 Epocem / equivalent bed one coat of sika floor 80 primer / equivalent shall be laid to cover the pin holes (if any) on 81 Epocem surface / equivalent. | | | | | | |
| i) | Over sika floor 81 Epocem / equivalent bed a moisture insensitive speical epoxy primer sika floor 93 EC / equivalenet shall be laid in one coat. | | | | | | |
| j) | When the primer is in tacky condiion sika floor / equivalent " Self Levelling " epoxy heavy duty screed of 2 - 3 mm shall be laid etc., complete as per the directions of Engineer - in - charge. | 374.00 | Sq. Mtr | | | | |
| 62 | Providing colorex EC ESD flooring (Electrostatic Discharge) of Electrostatic conductive tiles of size 61 x 61 cms thicknes 2 mm, make " FORBO" including all accessories for carrying out work such as EUROCOL adhesive, welding rod and copper tape. Colours Everest / Montblance and Quartz including all service tax, VAT, Labour Charge, lead, lift, installation charges etc., complete at all heights and levels as per the directions of Engineer - in - charge. | 356.00 | Sq. Mtr | | | | |
| TOTAL VALUE OF BUILDING PORTION | | | | | | | |

| Sl. No. | Description of Work | Qty | Unit | Rate | | Amount | |
|---------------------------------|---|--------|---------|--------------------|---------|--------|-----|
| | | | | in figures & words | Rs. Ps. | Rs. | Ps. |
| <u>C. TOILET PORTION</u> | | | | | | | |
| 1 | Providing and fixing GI pipes complete with GI fittings and clamps, including cutting, painting with anti corrosive bitumastic paint, and making good the walls (internal works) 20 mm dia nominal bore. | 200.00 | RM | | | | |
| 2 | Providing and fixing GI pipes complete with GI fittings including trenching refilling, sealing the joints, etc., 25 mm nominal bore. | 250.00 | RM | | | | |
| 3 | Making connection of GI distribution branch with GI main of the existing size by providing and fixing tee and other necessary fittings including cutting and threading the pipe, sealing the joints, etc., complete for 25 to 40 mm nominal bore. | 5.00 | Each | | | | |
| 4 | Providing and fixing brass stop cock of approved design, quality and make 15 mm NB. | 25.00 | Each | | | | |
| 5 | Excavation in water bound / macadam / asphalted road area including stacking the serviceable material and un serviceable material separately and disposal of unserviceable material upto 50 mtrs lead and lift upto 1.50 mtrs. | 25.00 | Cu. Mtr | | | | |
| 6 | Providing and fixing brass gate valve with C I wheel of approved quality (screwed end) for 25 mm dia nominal bore with reducer if necessary at all heights & levels. | 16.00 | Each | | | | |
| 7 | Providing & fixing 100 mm sand cast iron grating for gully, floor or nahani trap at all heights and levels. | 20.00 | Each | | | | |
| 8 | Providing and fixing CP towel rod of Jaguar or equivalent 2 feet long including all labours lead lift etc., at all heights & floors. | 12.00 | Each | | | | |
| 9 | Providing and fixing (laying) 7.5 mm thick Anti-skid vitrified ceramic tiles conforming to IS 4457 - 1982 for flooring over a bed of 25 mm thick cement Mortar (1:4) (1 cement : 4 coarse sand) with 2.5 mm wide joints / using spacers treated with white cement mixed with pigment to match the shades etc., complete as directed by the Engineer-in-charge of any approved colour tiles at all heights and levels. | 200.00 | Sq. Mtr | | | | |

| Sl. No. | Description of Work | Qty | Unit | Rate | | Amount | |
|---------|--|-------|------|--------------------|---------|--------|-----|
| | | | | in figures & words | Rs. Ps. | Rs. | Ps. |
| 10 | Providing and fixing PVC, soil waste and vent pipes conforming to IS 4985 of SWR quality 4 Kg & 6 Kg / Sq cm, pressure. The rate shall include cost of all fittings like plain elbow, plain tee, plain Y, 4 way tee and all required necessary specials etc., complete. jointing with rubber ring and solvent joints providing MS brackets grouted in the wall and fasteners cutting and making good the walls and floors (pipes running expose in sanitary ducts) supreme or prince quality pipes. | | | | | | |
| a) | 75 mm dia | 60.00 | RM | | | | |
| b) | 110 mm dia | 90.00 | RM | | | | |
| c) | 150 mm dia | 50.00 | RM | | | | |
| 11 | Constructing Brick masonry circular type manhole 0.91 mtrs internal dia at bottom and 0.58 m dia at top with 75 class designation FPS Bricks in cement mortar 1 : 4 (1 cement : 4 coarse sand) inside cement plaster 12 mm thick with cement mortar (1 : 3) (1 cement : 3 coarse sand) finished with a floating coat of neat cement foundation concrete (1 : 3 : 6) mix (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) and making necessary channel in cement concrete (1 : 2 : 4) (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement all complete as per standard design for 0.91 m deep with SFRC cover and frame (heavy duty, HD - 20 grade designation) 580 mm internal dia conforming to IS 12592, total weight of cover and frame to be not less than 182 kgs fixed in C .C (1:2:4) including centering shuttering and complete (excavation, foot rests and 12 mm thick cement plaster at the external surface shall be paid for separately) with FPs bricks class designation 50 | 6.00 | Each | | | | |
| 12 | Providing MS foot rests including fixing in man holes with 20 x 20 x 10 cm Cement concrete blocks (1 : 3 : 6) (1 Cement : 3 Coarse Sand : 6 graded stone aggregate 20 mm nominal size) as per standard design with 20 x 20 mm square bar. | 25.00 | Each | | | | |

| Sl. No. | Description of Work | Qty | Unit | Rate | | Amount | |
|---------|--|-------|------|--------------------|---------|--------|-----|
| | | | | in figures & words | Rs. Ps. | Rs. | Ps. |
| 13 | Providing and fixing CP brass long body bib cock of approved quality conforming to IS complete with necessary accessories for 15 mm nominal bore of Jaguar or equivalent tap / cock at all heights and floors | 20.00 | Each | | | | |
| 14 | Providing and fixing vitreous china wash basin coloured basin conforming to IS including pedastal of hindware / parryware make CI / MS brackets, fittings & connectios single pillar tap CP of Jaguar / equivalent testing for non leaky performance, cutting and making good the walls where required painting the brackets etc., complete for flat back coloured wash basin of size 630 x 450 mm at all heights & floors. | 16.00 | Each | | | | |
| 15 | Providing and fixing mirror of rectangular shape 453 x 357 mm with plastic moulded frame of approved make and shade with 6 mm thick hard board backing at all heights & floors. | | | | | | |
| a) | 453 x 357 mm size | 20.00 | Each | | | | |
| b) | 1500 x 450 mm size | 5.00 | Each | | | | |
| 16 | Providing and fixing white water closet Squatting type pan (Indian Type) orissa pattern of size 580 x 440 mm with 100 mm sand cast iron ' P or S ' trap 10 litre low level white PVC flushing cistern with manually controlled device (handle lever) conforming to IS : 7231 parry ware / hindware / seabird / orient (coral) with all fittings and fixtures complete including cutting and making good the walls and floors where ever required etc., complete. | 16.00 | Each | | | | |

| Sl. No. | Description of Work | Qty | Unit | Rate | | Amount | |
|---------|--|--------|---------|--------------------|---------|--------|-----|
| | | | | in figures & words | Rs. Ps. | Rs. | Ps. |
| 17 | Providing and fixing coloured vitreous china pedasal type water closet (european type) with seat & lid, 10 litre low level flushing cistern with fittings and CI / MS brackets, 40 mm flush bend, over flow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete including painting of fittings and brackets, cutting and making good the walls and floors where ever required WC pan with ISI marked coloured solid plastic and lid with coloured vitreous china flushing cistern and CP flush bend (low level cistern) | 8.00 | Each | | | | |
| 18 | Providing and fixing white vitreous china flat half stall flat back urinal of 580 x 380 x 350 mm with PVC automatic flushing cistern Parryware / Hindware / Seabird / Orient (coral) with fittings standard size CP brass flush pipe, spreaders with unions and clamps (all in CP Brass) with waste fittings as per IS : 2556, CI trap with out let grating and other couplings in CP brass including painting of fittings and brackets, cutting and making good the walls and floors wherever required single half stall urinal with 5 litres PVC automatic flushing cistern at all heights and floors. | 16.00 | Each | | | | |
| 19 | Providing and fixing 1st quality ceramic glazed tiles conforming to IS : 13753 of minimum thickness 5 mm of approved make like NITCO, ORIENT, SOMANY, KAJARIA or equivalent make in all colours shades, design and prints except burgundy, bottle green, black of any size as approved by Engineer-in-charge in skirting risers of steps and dados over 12 mm thick bed of cement mortar (1 : 3) (1 Cement : 3 Coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqmtrs including pointing in white cement mixed with pigment of matching shade complete. | 960.00 | Sq. Mtr | | | | |

| Sl. No. | Description of Work | Qty | Unit | Rate | | Amount | |
|---------|--|-------|------|--------------------|---------|--------|-----|
| | | | | in figures & words | Rs. Ps. | Rs. | Ps. |
| 20 | Excavating trenches of required width for pipes, cables etc., including excavation of sockets, dressing of sides and ramming of bottoms depth upto 1.50 mtr including getting out the excavated soil and then returning the soil as required in layers not exceeding 20 cm in depth including consolidating each deposited layer by ramming, watering etc and disposal of surplus excavated soil as directed with in a lead of 50 mtrs in all kinds of soil for pipes, cables etc exeeding 80 mm dia but not exceeding 300 mm dia. | 30.00 | RM | | | | |
| 21 | Providing, laying and jointing glazed stone ware pipes grade 'A ' with stiff mixture of Cement mortar in the proportion 1 : 1 (1 cement : 1 fine sand) including testing of joints etc complete | | | | | | |
| | (A) For 150 mm dia. | 25.00 | RM | | | | |
| | (B) For 250 mm dia. | 25.00 | RM | | | | |
| 22 | Providing and fixing constructing road gully chamber 50 x 45 x 60 cm with bricks of class designation 50 in cement mortar 1:5 (1 cement : 5 fine sand) including 500 x 450 mm pre cast RCC horizontal grating with frame complete as per standard design with FPS bricks. | 10.00 | Each | | | | |
| 23 | Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete(1:2:4) (1 cement : 2 coarse sand : 4 graded stone aggregate 20 nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement and making necessary channels for the drain etc., complete for pipes 100 to 230 mm diameter. | 10.00 | Each | | | | |

| Sl. No. | Description of Work | Qty | Unit | Rate | Amount | |
|--------------------------------------|--|-------|------|-------------------------------|--------|-----|
| | | | | in figures & words Rs. Ps. | Rs. | Ps. |
| 24 | Constructing massonry chamber 60 X 45 X 50 cm inside with 75 class designation brick work in CM (1 : 5) (1 cement : 5 fine sand) and C I double Flap surface box 400 x 200 x 200 mm (inside) with locking arrangement and RCC top slab (1 : 2 : 4) mix (1 cement : 2 coarse sand : 4 graded stone aggregate nominal size 20 mm) necessary excavation foundation concrete (1 : 5 : 10) (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with CM (1 : 3) (1 cement : 3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design with FPS bricks. | 4.00 | Each | | | |
| 25 | Providing and fixing PVC Nahani Traps of ISI Make of 100 x 100 mm at all heights and levels size. | 20.00 | Each | | | |
| 26 | Providing and fixing fancy CP brass fittings and flange of approved brand and manufacture(oriental series of MARC or pearl/jade series of Parryware or Continental clasion series of JAGUAR or crystal series of MARC) | | | | | |
| (a) | 15 mm nominal health faucet | 24.00 | no. | | | |
| (b) | 15 mm dia nominal size push cock with 20 mm BSP female thread 100 mm long ,57 mm high and 33 mm wide with 12 mm seat dia & replaceable washer weighing not less than 75 grooves. | 10.00 | no. | | | |
| (c) | Liquid soap container (of PTM) | 10.00 | no. | | | |
| 27 | Providing and fixing commissioning Electrical hand drier twin blower integrated with timer (0.3 minutes) and infrared arrangements. The drier should be fully automatic make nova-tech model : NT-800 power 1700 watts (size 12 x 6 x 12 inches) 230 v, PH 50hz | 5.00 | no. | | | |
| TOTAL VALUE OF TOILET PORTION | | | | | | |

ABSTRACT

| |
|---|
| Name of the Work : Construction of Building for Centre of Excellence at EDN Premises |
|---|

| | |
|---|--|
| Part A - Dismantling of Existing Building | |
| Part B - Building Portion | |
| Part C - Toilet Portion | |
| Total (in figures & words) | |

Amount in Words :

.....