

DETAILED ESTIMATES REDEVELOPMENT OF INDIAN BANK OWNED PROPERTIES AT C-12 & C-15, INDERPURI, NEW DELHI

| | | | a : | | |
|--------|--|-----------------|------------|-----------|---------------|
| S.Nos. | Description of Item | Unit | Qty | Rate (Rs) | Amount (Rs) |
| | NOTE: | | | | |
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| | Where ever basic prices are given they shall ex -godown/shop in Delhi/NCR inclusive of cartege, loading, unloading , all taxes and GST etc | | | | |
| | ······································ | | | | |
| (A) | <u>CIVIL WORKS</u> | | | | |
| | SECTION-A EARTH WORK | | | | |
| | | | | | |
| | Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated | | | | |
| | earth lead upto 50 m and for all lift, as directed . | | | | |
| i | All kind of soil | Cum | 1050 | | |
| 2 | Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not | | | | |
| | exceding 20 cm in depth: consolidating each deposited layer by ramming and watering, lead up to 50 m and for all lift. | Cum | 800 | | |
| | | | | | |
| | Extra for every aditional lift of 1.5 m or part there of in: All kind of soil | Cum | 1050 | | |
| - ' | | Cum | 1050 | | |
| 4 | Supplying and filling in plinth with (River)Jamuna sand under floors including ,watering ,ramming | | | | |
| | consolidating and dressing complete. | Cum | 98 | | |
| | Constitute description in analysis of the state of the st | | | | |
| 5 | Supplying chemical emulsion in sealed containers including delivery as specified : Chlorpyriphos/ Lindane emulsifiable concentrate of 20 % | Litre | 55 | | |
| | | | | | |
| | Diluting and injecting chemical emulsion (Excluding the cost of Chemical emulsion) for PRE - CONSTRUCTION ANTI - termite treatment and creating a continuous chemical barrier under and alround the column pits, wall | | | | |
| | trenches, excavation, top surface of plinth filling, junction of wall and floor, along the external perimeter of | | | | |
| | building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surroundings of pipes and conduits etc. Complete as per specifications (Plinth area of the building at ground | | | | |
| | floor only shall be measured for payment) : Chlorpyriphos E mulsifiable concentrate/ Lindane E.C. 20% with | | | | |
| | 1% concentration | Sqm | 548 | | |
| 7 | Supply and stacking of Fly ash conforming to IRC- 58 at site, including carriage, loading, unloading & stacking | | | | |
| | up to any lead (measured stacks will be reduced by 20% for payment). | Cum | 1050 | | |
| 8 | Filling with available fly ash and earth (excluding rock) in trenches or embankment in layers (each layer | | | | |
| | should not exceed 15 cm), with intermediate layer of compacted earth (Soil density of 98%) after every four | | | | |
| | layers of compacted depth of fly ash, sides & top layer of filling shall be done with earth having total minimum compacted thickness 30 cm or as decided by Engineer -in-charge, including compacting each layer | | | | |
| | by rolling/ ramming and watering, all complete as per drawing and direction of Engineer -in - charge. | Cum | 1225 | | |
| | | Cum | 1225 | | |
| | SUBTOTAL -A CARRIED OVER TO SUMMARY OF CIVIL WORKS | | | | |
| | SECTION-B CEMENT CONCRETE AND BASEMENT WATERPROOFING | | | | |
| | | | | | |
| 1 | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - all work upto plinth level | | | | |
| | 1:4:8 mix -1 Cement: 4Coarse sand: 8 Graded stone aggregate mm 40 mm nominal size | Cum | 115 | | |
| 2 | Providing and laying damp proof course 40 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : | | | | |
| | 4 Graded stone aggregate | | | | |
| | 12.5 mm nominal size. | Sqm | 85 | | |
| 3 | Applying a coat of residual petroleum bitumen of penetration 80/100 of approved quality using 1.7Kg per | | | | |
| | square metre on damp proof the surface with brushes and finally with a piece ofcourse after cleaning cloth lightly soaked in kerosene oil. | Sqm | 85 | | |
| | | | | | |
| | Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillers posts, struts, buttresses, string or lacing courses, parapets, | | | | |
| | coping, bed blocks, anchor blocks, plain window sills, fillets etc. upto five level, excluding the cost of | | | | |
| 2) | centring, shuttering and finishing: 1:2:4 (1cement: 2 coarse sand (zone III) derived from natural sources : 4 graded stone aggregate 20 mm | | | | |
| a) | 1:2:4 (Icement: 2 coarse sand (zone III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources) | Cum | 20 | | |
| _ | Every for providing and mixing water profiles material is served as well to deve here the | | | | |
| 5 | Extra for providing and mixing water proofing material in cement concrete work in doses by weight as per manyfacturer's specification. | Cost per bag of | 40 | | |
| | | cement of 50 kg | 40 | | |
| 6 | Providing and laying water profing treatment to vertical and horizontal surfaces of depressed portions of | | | | |
| | Bathrooms, Kitchen and the like consisting of: 1 st course of applying cement slurry @ 4.4kg/sqm mixed with water proofing compound conforming to IS | | | | |
| | 2645 in recommended proportions including rounding off junction of vertical and horizontal surface (| | | | |
| | Tapecrete @ 50 Kg Per 100 Kg of cement) II nd course of 20mm cement plaster 1:3(1 cement:3 coarse sand) mixed with water proofing as per IS : 2645 | | | | |
| | (Dr Fixit Pidiiproof LW @ 200 ML per bag of cement) compound in recommended proportion including | | | | |
| | rounding off junction of vertical and horizontal surface. III rd course of applying blown or/residual bitumen applied bot at 1.7 kg.per sqm of area. | | | | |
| | IV th course of 400 micron thick PVC sheet.(Overlaps at joints of PVC sheet should be 100mm wide and | | | | |
| | pasted to each other with bitumen @ 1.7 Kg/sqm.) | Sqm | 530 | | |
| | | 1 | | I | l |



| | Description of Item | Unit | Qty | Rate (Rs) | Amount (Rs) |
|--|--|--|---|-----------|---------------|
| | Providing and filling AAC (Aerated Autoclaved Cement) Blocks at sunken portions of Toilets, Kitchen etc at all levels upto floor V | Cum | 140 | | |
| | | cum | 140 | | |
| | SUBTOTAL-B CARRIED OVER TO SUMMARY OF CIVIL WORKS | | | | |
| | SECTION-C REINFORCEMENT CEMENT CONC. | | | | |
| | | | | | |
| 1 | Providing and laying in position ready mixed cement concrete for reinforced cement concrete work; using | | | | |
| | coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland | | | | |
| | /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard | | | | |
| | setting of concrete, to improve durability and workability without impairing strength; including pumping of | | | | |
| | concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, | | | | |
| | finishing and reinforcement as per direction ; for the following grades of concrete. | | | | |
| | | | | | |
| | Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable | | | | |
| | separately. In case the cement content in design mix is more than 110% of the | | | | |
| | specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear | | | | |
| | the cost of extra cement. | | | | |
| | All works upto plinth level | | | | |
| | Concrete of M30 grade with minimum cement content of 350 kg /cum | Cum | 230 | | |
| | All works above plinth level upto floor V level | | | | |
| i. | Concrete of M30 grade with minimum cement content of 350 kg /cum | cum | 825 | | |
| | | | | | |
| | Providing and laying in position specified grade of reinforced cement concrete excluding the cost of | | | | |
| | centring, shuttering, finishing and reinforced - All works upto plinth level | | | | |
| a | 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size): | Cum | 40 | | |
| | | | | | |
| | Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and | | | | |
| | string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level excluding | | | | |
| | cost of centering, shuttering, finishing and reinforcement : | | | | |
| a | 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) : | cum | 15 | | |
| | | | | | |
| | Reinforced cement concrete work in beam, suspended floors , roofs having slope upto 15, landings, | | | | |
| | balconies, shelves, chajjas, lintels, bands, plain window sills stair-cases above plinth level upto floor five level | | | | |
| | excluding the cost of centring, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement: 1.5 coarse sand | | | | |
| | (zone -III) derived from natural sources:3 graded stone aggregate 20mm nominal size derived from natural | | | | |
| | sources | Cum | 6 | | |
| | | | | | |
| 5 | Reinforced cement concrete work in vertical and horizontal fins individually or forming box louvers, facias | | | | |
| | and eaves boards up to floor five level, excluding the cost of centering, shuttering, finishing and | | | | |
| | reinforcement, with 1:11/2:3 (1 cement : 11/2 coarse sand(zone II) : 3 graded stone aggregate 20 mm nominal | | | | |
| | size derived from naturam sources). | Cum | 2 | | |
| | | | | | |
| | Reinforced cement concrete work in arches, archribs, domes, vaults, shells, folded plate and roofs having | | | | |
| | slope more than 15` up to floor five level excluding the cost of centering, shuttering, finishing and | | | | |
| | reinforcement with 1:1.5:3 (1 cement :1.5 coarse sand: 3 graded stone aggregate 20 mm nominal size). | | | | |
| | | cum | 5 | | |
| | | | | | |
| | Steel Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding | | | | |
| | all complete at all heights & level including foundation . | | | | |
| | | | | | |
| | Thermo-Mechanically Treated bars of grade Fe-500D or more. | Kg | 130120 | | |
| | Thermo-Mechanically Treated bars of grade Fe-500D or more. | Kg | 130120 | | |
| 8 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: | | | | |
| 8 8.1 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete | Sqm | 115 | | |
| 8 8.1 8.2 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . | Sqm Sqm | 115 98 | | |
| 8 8.1 8.2 8.3 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform | Sqm Sqm Sqm | 115 98 1500 | | |
| 8 8.1 8.2 8.3 8.4 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) | Sqm Sqm Sqm Sqm | 115 98 1500 40 | | |
| 8 8.1 8.2 8.3 8.4 8.5 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. | Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 30 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. | Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 30 2750 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns ,Pillars ,piers ,Abutments ,Posts,and Struts | Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 30 2750 1700 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns , Pillars , piers ,Abutments ,Posts,and Struts Arches, domes, vaults up to 6 m span. | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 30 2750 1700 15 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns ,Pillars , piers ,Abutments ,Posts,and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 30 2750 1700 15 20 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns ,Pillars , piers ,Abutments ,Posts, and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 30 2750 1700 15 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 8.11 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns , Pillars , piers ,Abutments , Posts,and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chaijas, corbels etc., including edges. Edges of slabs and breaks in floors and walls | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 30 2750 1700 15 20 95 | | |
| 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 8.11 i | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations, footings, bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns , Pillars , piers ,Abutments , Posts,and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 30 2750 1700 15 20 95 | | |
| 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 8.11 i | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns , Pillars , piers ,Abutments , Posts,and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chaijas, corbels etc., including edges. Edges of slabs and breaks in floors and walls | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 30 2750 1700 15 20 95 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 8.11 i i i | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns ,Pillars ,piers ,Abutments ,Posts,and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide Above 20 cm wide | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 30 2750 1700 15 20 95 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 8.11 i i 9 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns ,Pillars , piers ,Abutments ,Posts, and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide Above 20 cm wide Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 30 2750 1700 15 20 95 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 8.11 i i i 9 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns ,Pillars , piers ,Abutments ,Posts, and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide Above 20 cm wide Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 30 2750 1700 15 20 95 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 8.11 i i i 9 9 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations, footings, bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns , Pillars , piers ,Abutments , Posts,and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height of 1 meter or part there of (plan area to be measured) | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 2750 1700 15 20 95 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 8.11 i i i 9 9 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns ,Pillars , piers ,Abutments ,Posts, and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide Above 20 cm wide Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 30 2750 1700 15 20 95 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 8.11 i i i i 9 9.1 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns , Pillars , piers ,Abutments ,Posts,and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide Above 20 cm wide Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height of 1 meter or part there of (plan area to be measured) Suspended floors, roofs, landing, beams and balconies (plan area to be measured). | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 2750 1700 15 20 95 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.7 8.8 8.10 8.11 ii ii 9 9 9.1 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs , (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns , Pillars , piers ,Abutments ,Posts, and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide Above 20 cm wide Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height of 1 meter or part there of (plan area to be measured) Suspended floors, roofs, landing, beams and balconies (plan area to be measured). Providing precast cement concrete jali 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 6mm nominal size | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 2750 1700 15 20 95 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 8.11 ii ii 9 9 9.1 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns , Pillars , piers ,Abutments , Posts, and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide Above 20 cm wide Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height of 1 meter or part there of (plan area to be measured) Suspended floors, roofs, landing, beams and balconies (plan area to be measured). Providing precast cement concrete jali 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 6mm nominal size) reinforced with 1.6 mm dia mild steel wire including centring and shuttering , roughening cleaning, fixing | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 2750 1700 15 20 95 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.7 8.8 8.7 8.8 8.10 8.11 i i ii 9 9.1 10 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations, footings, bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns , Pillars , piers ,Abutments , Posts,and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height of 1 meter or part there of (plan area to be measured) Suspended floors, roofs, landing, beams and balconies (plan area to be measured). Providing precast cement concrete jali 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 6mm nominal size) reinforced with 1.6 mm dia mild steel wire including centring and shuttering , roughening cleaning, fixing and finishing in cement mortar 1:3 (1cement : 3 fine sand etc.complete excluding plastering of the jambs, sills | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 2750 1700 15 20 95 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 8.11 i i i i i 9 9.1 10 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns , Pillars , piers ,Abutments ,Posts,and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height of 1 meter or part there of (plan area to be measured) Suspended floors, roofs, landing, beams and balconies (plan area to be measured). Providing precast cement concrete jali 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 6mm nominal size) reinforced with 1.6 mm dia mild steel wire including centring and shuttering , roughening cleaning, fixing and finishing in cement mortar 1:3 (1cement : 3 fine sand etc.complete excluding plastering of the jambs, sills and soffits. | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 30 2750 1700 15 20 95 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 8.11 i i i i i 9 9.1 10 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations, footings, bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns , Pillars , piers ,Abutments , Posts,and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height of 1 meter or part there of (plan area to be measured) Suspended floors, roofs, landing, beams and balconies (plan area to be measured). Providing precast cement concrete jali 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 6mm nominal size) reinforced with 1.6 mm dia mild steel wire including centring and shuttering , roughening cleaning, fixing and finishing in cement mortar 1:3 (1cement : 3 fine sand etc.complete excluding plastering of the jambs, sills | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 2750 1700 15 20 95 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 8.11 i i i i i i 9 9 9.1 10 (a | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns ,Pillars ,piers ,Abutments ,Posts,and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide Above 20 cm wide Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height of 1 meter or part there of (plan area to be measured) Suspended floors, roofs, landing, beams and balconies (plan area to be measured). Providing precast cement concrete jali 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 6mm nominal size) reinforced with 1.6 mm dia mild steel wire including centring and shuttering , roughening cleaning, fixing and soffits. 50 mm thick | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 30 2750 1700 15 20 95 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 8.11 ii iii 9 9 9.1 10 (a | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns , Pillars , piers ,Abutments ,Posts,and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height of 1 meter or part there of (plan area to be measured) Suspended floors, roofs, landing, beams and balconies (plan area to be measured). Providing precast cement concrete jali 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 6mm nominal size) reinforced with 1.6 mm dia mild steel wire including centring and shuttering , roughening cleaning, fixing and finishing in cement mortar 1:3 (1cement : 3 fine sand etc.complete excluding plastering of the jambs, sills and soffits. | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 30 2750 1700 15 20 95 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 8.11 i i i i i 10 9 9 9.1 (a | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations, footings, bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns ,Pillars ,piers ,Abutments ,Posts,and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height of 1 meter or part there of (plan area to be measured) Suspended floors, roofs, landing, beams and balconies (plan area to be measured). Providing precast cement concrete jali 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 6mm nominal size) reinforced with 1.6 mm dia mild steel wire including centring and shuttering , roughening cleaning, fixing and finishing in cement mortar 1:3 (1cement : 3 fine sand etc.complete excluding plastering of the jambs, sills and soffits. 50 mm thick | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 30 2750 1700 15 20 95 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 8.11 i i i i i 10 9 9 9.1 (a | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns ,Pillars ,piers ,Abutments ,Posts,and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide Above 20 cm wide Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height of 1 meter or part there of (plan area to be measured) Suspended floors, roofs, landing, beams and balconies (plan area to be measured). Providing precast cement concrete jali 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 6mm nominal size) reinforced with 1.6 mm dia mild steel wire including centring and shuttering , roughening cleaning, fixing and soffits. 50 mm thick | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 30 2750 1700 15 20 95 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 8.11 i i 9 9 9.1 9.1 0 (a | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting, propping, etc. and removal of form for: Foundations, footings, bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc. Suspended floors, roofs, landings, balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels, beams, plinth beams, girders, bressumers and cantilevers. Columns, Pillars, piers, Abutments, Posts, and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide Above 20 cm wide Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height of 1 meter or part there of (plan area to be measured) Suspended floors, roofs, landing, beams and balconies (plan area to be measured). Providing precast cement concrete jali 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 6mm nominal size) reinforced with 1.6 mm dia mild steel wire including centring and shuttering , roughening cleaning, fixing and finishing in cement mortar 1:3 (1cement : 3 fine sand etc.complete excluding plastering of the jambs, sills and soffits. 50 mm thick SUBTOTAL-C CARRIED OVER TO SUMMARY OF CIVIL WORKS | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 30 2750 1700 15 20 95 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.7 8.8 8.7 8.7 8.8 8.10 8.11 i i i i 9 9 9.1 9.1 (a | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting, propping, etc. and removal of form for: Foundations, footings, bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc. Suspended floors, roofs, landings, balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels, beams, plinth beams, girders, bressumers and cantilevers. Columns, Pillars, piers, Abutments, Posts, and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide Above 20 cm wide Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height of 1 meter or part there of (plan area to be measured) Suspended floors, roofs, landing, beams and balconies (plan area to be measured). Providing precast cement concrete jali 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 6mm nominal size) reinforced with 1.6 mm dia mild steel wire including centring and shuttering , roughening cleaning, fixing and finishing in cement mortar 1:3 (1cement : 3 fine sand etc.complete excluding plastering of the jambs, sills and soffits. 50 mm thick SUBTOTAL-C CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -D BRICK WORK | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 30 2750 1700 15 20 95 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 8.11 i i i 9 9 9 10 0 (a 10 (a 10) | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations, footings, bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors, roofs, landings, balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns, Pillars, piers, Abutments, Posts, and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide Above 20 cm wide Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height of 1 meter or part there of (plan area to be measured). Providing precast cement concrete jali 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 6mm nominal size) reinforced with 1.6 mm dia mild steel wire including centring and shuttering , roughening cleaning, fixing and finishing in cement mortar 1:3 (1cement : 3 fine sand etc.complete excluding plastering of the jambs, sills and soffits. 50 mm thick SUBTOTAL-C CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -D BRICK WORK | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm metre Sqm sqm sqm | 115 98 1500 40 30 2750 1700 15 20 95 160 190 100 100 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 8.11 i i i 9 9 9 10 0 (a 10 (a 10) | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting, propping, etc. and removal of form for: Foundations, footings, bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc. Suspended floors, roofs, landings, balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels, beams, plinth beams, girders, bressumers and cantilevers. Columns, Pillars, piers, Abutments, Posts, and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide Above 20 cm wide Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height of 1 meter or part there of (plan area to be measured) Suspended floors, roofs, landing, beams and balconies (plan area to be measured). Providing precast cement concrete jali 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 6mm nominal size) reinforced with 1.6 mm dia mild steel wire including centring and shuttering , roughening cleaning, fixing and finishing in cement mortar 1:3 (1cement : 3 fine sand etc.complete excluding plastering of the jambs, sills and soffits. 50 mm thick SUBTOTAL-C CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -D BRICK WORK | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm | 115 98 1500 40 30 2750 1700 15 20 95 | | |
| 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 i i i i i i i i i i i i i i i i i i i | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors, roofs, landings, balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels, beams, plinth beams, girders, bressumers and cantilevers. Columns , Pillars , piers , Abutments , Posts, and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide Above 20 cm wide Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height of 1 meter or part there of (plan area to be measured) Suspended floors, roofs, landing, beams and balconies (plan area to be measured). Providing precast cement concrete jali 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 6mm nominal size) reinforced with 1.6 mm dia mild steel wire including centring and shuttering , roughening cleaning, fixing and soffits. 50 mm thick SUBTOTAL-C CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -D BRICK WORK Brick work with common burnt clay F.P.S (non modular) bricks of class designation 7.5 in foundation and plinth in: cement mortar 1:6 (1cement:6 coarse sand) | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm metre Sqm sqm sqm | 115 98 1500 40 30 2750 1700 15 20 95 160 190 100 100 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 1 i 1 9 9 9 9 9 1 10 (a 1 1 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors,roofs,landings,balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels,beams,plinth beams,girders,bressumers and cantilevers. Columns , Pillars , piers ,Abutments ,Posts, and Struts Arches, domes, vaults up to 6 m span. Cornices and moudings. Weather shade, Chaijas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height of 1 meter or part there of (plan area to be measured) Suspended floors, roofs, landing, beams and balconies (plan area to be measured). Providing precast cement concrete jali 12:24 (1 cement : 2 coarse sand : 4 stone aggregate 6mm nominal size) reinforced with 1.6 mm dia mild steel wire including centring and shuttering , roughening cleaning, fixing and finishing in cement mortar 1:3 (1cement : 3 fine sand etc.complete excluding plastering of the jambs, sills and soffits. SUBTOTAL-C CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -D BRICK WORK Brick work with common burnt clay F.P.S (non modular) bricks of class designation 7.5 in foundation and plinth in: cement mortar 1:6 (1cement:6 coarse sand) | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm metre Sqm sqm sqm | 115 98 1500 40 30 2750 1700 15 20 95 160 190 100 100 | | |
| 8 8.1 8.2 8.3 8.4 8.5 8.7 8.8 8.7 8.7 8.8 8.7 8.7 8.7 8.7 8.7 | Thermo-Mechanically Treated bars of grade Fe-500D or more. Centring and shuttering including strutting,propping, etc. and removal of form for: Foundations , footings , bases of columns etc. for mass concrete Walls (any thickness) including attached pilasters, butteresses , plinth and string courses etc . Suspended floors, roofs, landings, balconies and access platform shelves (cast in situ) Stairs, (excluding landings) except spiral-staircases. Lintels, beams, plinth beams, girders, bressumers and cantilevers. Columns , Pillars , piers , Abutments , Posts, and Struts Arches, domes, vaults up to 6 m span. Cornices and mouldings. Weather shade, Chajjas, corbels etc., including edges. Edges of slabs and breaks in floors and walls Under 20cm wide Above 20 cm wide Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height of 1 meter or part there of (plan area to be measured) Suspended floors, roofs, landing, beams and balconies (plan area to be measured). Providing precast cement concrete jali 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 6mm nominal size) reinforced with 1.6 mm dia mild steel wire including centring and shuttering , roughening cleaning, fixing and soffits. 50 mm thick SUBTOTAL-C CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -D BRICK WORK Brick work with common burnt clay F.P.S (non modular) bricks of class designation 7.5 in foundation and plinth in: cement mortar 1:6 (1cement:6 coarse sand) | Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm metre Sqm sqm sqm | 115 98 1500 40 30 2750 1700 15 20 95 160 190 100 100 | | |



| | Description of Item | Unit | Qty | Rate (Rs) | Amount (Rs) |
|-----------|---|-------|------|-----------|---------------|
| | Half brick masonry with commonm burnt clay FPS (non modular) bricks of class designation 7.5 in the | | | | |
| | foundations and plinth in: cement mortar 1:4 (1cement :4 Coarse sand) | Sqm | 205 | | |
| | | Jan | 205 | | |
| 4 | Half brick masonry with common burnt clay FPS (non modular) bricks of class designation 7.5 in the | | | | |
| | superstructure above plinth upto floor V Level. | | | | |
| | cement mortar 1:4 (1cement :4 Coarse sand) | Sqm | 1350 | | |
| | | | | | |
| 5 | Extra for providing and placing in position 2 Nos. 6 mm dia M. S. bars at every third course of half brick | | | | |
| | masonry. | Sqm | 1325 | | |
| | | | | | |
| | SUBTOTAL-D CARRIED OVER TO SUMMARY OF CIVIL WORKS | | | | |
| | | | | | |
| | SECTION-E WOODWORK /STEEL - STRUCTURAL STEEL / ALUMINIUM/ UPVC WORKS | | | | |
| 1 | Providing wood work in frames of doors, windows, clerestory windows, Handrails and other frames, | | | | |
| | wrought framed and fixed in position | | | | |
| | Second class teak wood | Cum | 1 | | |
| (| | | _ | | |
| | Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/clerestory windows & desertory other Frames/Chowkhat comprising of virgin PVC polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750 kg/ cum, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm2, modulus of elasticity 900 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In- Charge. (M.S hold fast/lugs or SS dash fasteners shall be paid for separately). Note: For WPC solid door/window frames, minus 5mm tolerance in dimensions i.e depth and width of profile shall be acceptable. Variation in profile dimensions on plus side shall be acceptable but no extra payment on this account shall be made. | | | | |
| а | Frame size 65 x 150 mm | Metre | 435 | | |
| | Providing and fixing 40 mm thick wood glazed door shutter having 150 wide styles, top rail & 200 mm wide bottom rail and glazed with 6 mm thick clear float glass panel fixed with 18 x 18 mm wood beading in the following wood : | | | | |
| | Rate is inclusive of melamine spray polish The doors will have best quality 4 Nos 4" long SS hinges, SS finished double legged foot operated door stays, Polyvinyl door stopper fixed to skirting, SS finish tubular handle & mortice lock of Dorset make- model SDORSS(SS finish) with Rose and Handle seperate. This will have provsion for Al.air transfer Grill as per dwg.Size : upto 1000 x 2400. Using Beech wood | | 2 | | |
| (a | Using Beech wood | 1103 | 2 | | |
| 4 | Providing and fixing ISI marked flush door shutters conforming to IS 2202 (Part I) non-decorative, core of block board | | | | |
| | construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or | | | | |
| | cross bands and face veneers on both faces of shutters : 35 mm th including ISI marked Stainless Steel butt hinges with necessary Screws | | | | |
| (a | 35 min tri notuding for marked stamless steel built ninges with necessary screws | Sqm | 260 | | |
| 5 | Providing and fixing upto 4mm thick decorative vineer laid in approved pattern on existing door shutters | | | | |
| 2 | | | | | |
| (a) | complete in all respect Natural Teak (century/equivalent approved) | Sqm | 260 | | |
| | | | 200 | | |
| 6 | Extra for providing and fixing lipping with 2nd class teak wood battens minimum 25mm minimum depth on | | | | |
| | all edges of flush door shutters (over all area of door shutter to be measured) | Sqm | 260 | | |
| | | | | | |
| 7 | Providing and fixing 1mm thick premium range laminate in plain or wood grains shades laid in approved | | | | |
| | pattern on existing door shutters etc complete in all respect as per directions and approval (Sunmica | | | | |
| | /equivalent approved) | Sqm | 520 | | |
| _ | Description and States consider an ended because a description of the States of the States of the States of the | | | | |
| | Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and | | | | |
| | priming coat on unexposed surface etc. complete : 2nd class teak wood | | | | |
| , | 50x12 mm | Rm | 360 | | |
| | | | 500 | | |
| | Providing and fixing factory made uPVC glazed/wire mesh windows/doors comprising of lead free uPVC multi- chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN: 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape & size as per CPWD Specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (where ever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part 1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash & mullion (if required) shall be mitred cut and fusion welded/mechanically | | | | |
| | jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage of water etc. | | | | |
| 9a | After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing conforming to CPWD specification & directions. Section of steel reinforcement and cross sections of uPVC profiles to be as per approved design. <u>Wire mesh / Glazing of nlain/ toughened/ laminated/ double glass unit with / without high performance</u> <u>Two track two panels sliding window with two glazed & one wire mesh panels Aluminium channel for roller</u> track, wool pile, nylon rollers with SS 304 body. | | | | |
| 9a | After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing conforming to CPWD specification & directions. Section of steel reinforcement and cross sections of uPVC profiles to be as per approved design. <u>Wire mesh / Glazing of nlain / toughened / laminated / double glass unit with / without high performance</u> Two track two panels sliding window with two glazed & one wire mesh panels Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body. | | | | |
| 9a 9a1 | After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing conforming to CPWD specification & directions. Section of steel reinforcement and cross sections of uPVC profiles to be as per approved design. <u>Wire mesh / Glazing of plain / toughened / laminated / double glass unit with / without high performance</u> Two track two panels sliding window with two glazed & one wire mesh panels Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body. Using R3 series with frame (55mm & above) x (40mm & above) & sash (30mm & above) x (55mm & above) | | | | |
| 9a 9a1 | After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing conforming to CPWD specification & directions. Section of steel reinforcement and cross sections of uPVC profiles to be as per approved design. <u>Wire mesh / Glazing of nlain / toughened / laminated / double glass unit with / without high performance</u> Two track two panels sliding window with two glazed & one wire mesh panels Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body. | | 100 | | |



| | | | - | | |
|------|---|------|-----|-----------|---------------|
| _ | Description of Item | Unit | Qty | Rate (Rs) | Amount (Rs) |
| | Three track three panels sliding door with two glazed & one wire mesh panels with Aluminium channel for | | | | |
| | roller track with Aluminium channel for roller track, wool pile, zinc alloy (zamak) powder coated handles on | | | | |
| | two panels along with multi-point locking system, adjustable nylon rollers with SS 304 body. | | | | |
| | | | | | |
| | | | | | |
| 9b1 | Using R3 series with frame (98mm & above) x (40mm & above) & both glazed and fly screen sash (30mm & | | | | |
| | above) x (74mm & above). (Height upto 2.5 metre). | Sqm | 110 | | |
| 9c | Three track three panels sliding window with two glazed & one wire mesh panels with Aluminium channel | • | | | |
| | for roller track, wool pile, nylon rollers with SS 304 body. | | | | |
| | Using R3 series with frame (98mm & above) x (40mm & above) & both glazed and fly screen sash (30mm & | | | | |
| | | | | | |
| | above) x (55mm & above) with zinc alloy (zamak) powder coated handles on every glazed panels along with | | | | |
| | multi-point locking system. (Height upto 1.2 metre). | Sqm | 60 | | |
| | | | | | |
| 9d | Fixed window / ventilator without mullion / transom. | | | | |
| 9d1 | Using R2 series with frame (39mm & above) x (39mm & above). (Height upto 1.20 metre) | Sqm | 25 | | |
| | | | | | |
| 9e | Ventilator Casement window single panel with or without fixed panel with S.S. 304 friction hinges as per size | | | | |
| 50 | and weight of sash, single point locking zinc alloy (zamak) powder coated handles. | | | | |
| 0.01 | Using R2 series with frame (39mm & above) x (39mm & above) & sash /mullion (33mm & above) x (60 mm & | | | | |
| | | C | 60 | | |
| | above). (Height upto 1.2 metre). | Sqm | 60 | | |
| | | | | | |
| 9f | Casement cum fixed panel window having one single casement panel & one fixed panel with S.S 304 friction | | | | |
| | hinges as per size and weight of sash, multi-point locking system, zinc alloy (zamak) powder coated handles. | | | | |
| | | | | | |
| 9f1 | Using R2 series with frame (39mm & above) x (39mm & above) & sash (39mm & above) x (60mm & above) & | | | | |
| | mullion (39mm & above) x (60mm & above). (Height upto 1.2 metre; each openable shutter upto 0.8m | | | | |
| | | Cam | 50 | | |
| | width) | Sqm | 50 | 1 | |
| _ | | | | | |
| - | Casement Window with Double Rebate Frame with one Side Hung Glazed Panel and one Side Hung wire | | | | |
| | mesh Panel with S.S. 304 friction hinges as per size and weight of sash, multi-point locking system, zinc alloy | | | | |
| | (zamak) powder coated handles on both glazed and fly screen panel. | | | | |
| 9g1 | Using R3 series with frame (110mm & above) x (45mm & above) & glazed sash (55mm & above) x (65mm & | | | | |
| - | above) & fly screen sash (30mm & above) &(55mm &above) & metal grill (if required to be paid separately). | | | | |
| | | Cam | c | | |
| | (Height up to 1.8 metre). | Sqm | 6 | | |
| | | | | | |
| 9h | Casement Door with Double Rebate Frame with one Side Hung Glazed Panel and one Side Hung wire mesh | | | | |
| | Panel with zinc alloy (zamak) 3D hinges, multi-point locking system with cylinder, zinc alloy (zamak) powder | | | | |
| | coated handles on both sides of glazed panel and zinc alloy (Zamak) powder coated handle along with multi- | | | | |
| | point locking system on one side of fly screen panel. | | | | |
| | Using R3 series with frame (110mm & above) x (45mm & above) & glazed sash (55mm & above) x (85mm & | | | | |
| | | Sam | 25 | | |
| | above) & fly screen sash (55mm & above) x (65mm & above). (Height upto 2.5 metre). | Sqm | 25 | | |
| | | | | | |
| 10 | Providing and fixing low ht factory made modular kitchen cabinets in modular type knockable cabinet boxes | | | | |
| | under counter storage unit for Kitchen upto 600 deep in 19mm thk. water proof Ply construction with 6mm | | | | |
| | thk. water proof Ply backing. The vertical divisions shall be as per the drawing/details at spacing with 19mm | | | | |
| | board not more than 450 mm. All internal surface of storage counter shall be in 1mm thick white Lamiate | | | | |
| | finish .All edges will finished with 18mm wide 2mm thick PVC edge banding. All the shutters shall be made | | | | |
| | | | | | |
| | in 19mm thk. water proof Ply with 1mm laminate on both sides auto closing hinges (hetich equivalent make | | | | |
| |) and upto 4 mm thk margins polished in matching shade. All shutters shall have tubular Kich make CHR104C | | | | |
| | equivalent approved make handles $$ and these shall be fixed with auto closing hinges. (The shutter will | | | | |
| | include fixing with automatic hinges of Hettich make). Upto one shelf per module , should be supported on | | | | |
| | approved quality SS pins and shall be adjustable for different heights as per requirements | | | | |
| | | Sqm. | 90 | | |
| | | | | | |
| 11 | Providing and fixing factory made modular kitchen cabinets in modular type knockable cabinet boxes over | | | | |
| | counter storage unit upto 375mm depth and 700mm high made out of 19 mm BWR ply for verticals, top, | | | | |
| | | | | | |
| | bottom, and intermediate vertical partitions @600 c/c or part thereof and backing of 6 mm th. BWR ply. The | | | | |
| | inside ,top & exposed sides of storage to be finished with 1mm thick laminate and complete in all respects as | | | | |
| | , per design.All edges will finished with 18mm wide 2mm thick PVC edge banding.Upto one shelf per module | | | | |
| | should be supported on approved quality SS pins and shall be adjustable for different heights as per | | | | |
| | requirements | Sqm. | 108 | | |
| | | | | | |
| 12 | Wardrobe : Providing and fixing upto 600mm deep and upto ceiling high storage unit made out of 19 mm | | | | |
| | BWR ply for verticals, top, bottom, and intermediate vertical partitions @ 900 c/c or part thereof and backing | | | | |
| | | | | | |
| | of 6 mm th. BWR ply. The inside ,top & exposed sides of storage to be finished with laminate and complete in | | | | |
| | all respects as per design. | | | | |
| | Shutters shall be in 19 mm BWP grade block board with teak wood lipping all -around. The front & back to be | | | | |
| | finished with 1 mm thick laminate.Front will be wood color premium laminate and inside will be 1mm thk | | | | |
| | white laminate | | | | |
| | Shelves are made of 19 mm BWR grade block board with teak wood lipping and fixed @ 600 mm c/c | | | | |
| | supported on heavy duty S.S pins or fixed to sides as per directions. The teak wood lipping shall be enamel | | | | |
| | | | | | |
| | painted. Wardrobe shall have for no drawers for each wordrobe module width upto 900 mm as per drawing | | | | |
| | and shall moveable on channels which shall be paid extra. Telecopic channels shall be paid extra for each | | | | |
| | wardrobe | | | 1 | |
| I | Locks shall be Godrej make universal drawer/ cupboard lock (model no 5041) dead lock with S.S key- master | | | | |
| | key for groups as required. | | | | |
| | Handles shall be Kich make AIAI 316 grade 96 mm long 12 mm dia for each shutter. | Sqm. | 78 | 1 | |
| | | | | 1 | |
| 12 | Providing fixing telescopic channels of following length with necessary screws etc complete as per directions | | | 1 | |
| 13 | r romaning maning telescopic charmers or romowing length with necessary screws etc complete as per directions | | | | |
| | | | | | |
| | 450 mm (Cat no.Hettich 9114275) | Nos | 50 | 1 | |
| b | 550 mm (Cat no.Hettich 9114277) | Nos | 30 | | |
| | · | | | | |
| 1/ | Providing and fixing following stainless steel kitchen/wardrobe over the counter /under the counter | | | 1 | |
| | | | | | |
| | accessories of Kaff/Hettich make or other equivalent approved brand including necessory channels, screw | | | | |
| | etc complete in all respect | | | | |
| а | Dish Drainer set Hettich (CAT. no. 9206161) | Nos | 16 | | |
| b | Pipe with fittings Kaff K1 OS 602 | Nos | 16 | | |
| | Suspension hooks - (CAT no. 0 046 103) | Nos | 80 | | |
| | Cuttlery Basket Hettich (CAT no. 2441) | Nos | 32 | 1 | |
| | | | 32 | 1 | |
| e | Pull out trolley Hettich (Cat no. 9190403) | Nos | 32 | 1 | |
| | | | | | |



| Nos. | Description of Item | Unit | Qty | Rate (Rs) | Amount (Rs) |
|---------------------------------|--|------------------|------|-----------|---------------|
| | | | | | |
| | Pull out trolley Hettich (Cat no. 9190406) | Nos | 32 | | |
| g | Pull out multipurpose basket Hettich (cat no. 9235979) | Nos | 32 | | |
| h | Pull out large utensil Basket Hettich (Cat No. 9194322) | Nos | 32 | | |
| | | | | | |
| 15 | Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete : | | | | |
| 15 | Froming and fixing bright finished brass tower boils (barren type) with necessary screws etc. complete . | | | | |
| | | | | | |
| а | 250x10 mm | each | 60 | | |
| b | 150x10 mm | each | 60 | | |
| c | 100x10 mm | each | 60 | | |
| č | | Cucii | 00 | | |
| | | | | | |
| 16 | Providing and Fixing following types of of Dorset equivalent approved handles /locks etc system complete in | | | | |
| | all respect | | | | |
| | Cylider lock Euro Profile one side key and one side knob with heavy duty three stroke mortise lock and a | | | | |
| | | | 40 | | |
| | pair of lever handles (NIKA) NKORSS (SS finish) with Rose | each | 48 | | |
| b | Cylider lock Euro Profile model one side coin and one side knob with heavy duty three stroke mortise and a | | | | |
| | pair of lever handles (NIKA) NKORSS (SS finish) with Rose | each | 32 | | |
| | Cylider lock Euro Profile both side key with heavy duty three stroke mortise lock and a pair of lever handles | | | | |
| Ľ | | | 10 | | |
| | (NIKA) NKORSS (SS finish) with Rose | each | 16 | | |
| d | Door Chain | each | 16 | | |
| е | Eve view model -ME | each | 16 | | |
| | Pull Handle pair -NIKA | each | 32 | | |
| | | | 52 | | |
| g | Double attachment model no DDML including providing /fixing for mortice lock and dead lock for double | | | | |
| | door | each | 16 | | |
| | | | | | |
| 17 | Stool work woldod in huilt up costions /framed workingluding autting baieting finites in particles and and the | | 1 | | |
| | Steel work welded in built up sections/framed workincluding cutting, hoisting, fixing in position and applying a | | | | |
| | priming coat of approved steel primer using structural steel etc. as required : | | | | |
| | In gratings ,frames, guard bar,ladders,railings brackets,gates & similar works | Kg | 2000 | | |
| | <u> </u> | | 1 | | |
| | | | + | | |
| b | In Stringers, treads, landings, etc of staircases , including use of chequered plates wherever required all | | | | |
| | complete | Kg | 1200 | | |
| | | | | | |
| 10 | Providing and fixing hand rail of approved size by welding etc. to steel ladder railing , balcony railing & | 1 | 1 | | |
| 10 | | | | | |
| | staircase railing including applying a priming coat of approved steel primer : | | | ļ | |
| | M . S . tube | Kg | 120 | | |
| | | | | | |
| 10 | Construct sheet work is simple applies. Final with as without appreciate slate, including authing beinting | | | | |
| | Structural steel work in single section ,fixed with or without connecting plate including cutting ,hoisting, | | | | |
| | fixing in position and applying a priming coat of approved steel primer all complete. | Kg. | 1000 | | |
| | | | | | |
| 20 | Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round | | | | |
| | | | | | |
| | bars etc. including priming coat with approved steel primer all complete. | | | | |
| a) | Fixed to steel windows by welding. | Kg | 40 | | |
| b) | Fixed to openings /wooden frames with rawl plugs screws etc. | Kg | 600 | | |
| | | Ŭ | | | |
| | | | | | |
| 21 | Providing and fixing stainless steel(Grade- 304) railing /gates etc made of hollow tubes, channels, plates etc. | | | | |
| | including welding, grinding, buffing, polishing and making curvature(wherever required) and fitting the same | | | | |
| | with necessary stainless steel nuts and bolts complete, i.e. fixing the railing /gates with necessary accessories | | | | |
| | | | | | |
| | & stainless steel dash fasteners, stainless steel bolts etc, of required size, on the top of the floor or the side of | | | | |
| | waist slab with suitable arrangement as per the approval of Engineer- incharge, (For payment purpose only | r | | | |
| | weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, | | | | |
| | fasteners etc.) | Ka | 800 | | |
| | rasteners etc.) | NB | 800 | | |
| | | | | | |
| 22 | Providing and fixing expansion hold fasteners on C.C./R.C.C/Brick masonry surface backing including drilling | | | | |
| | necessary holes and the cost of bolt etc. complete : | | | | |
| | | | | | |
| | Wedge expansion type | | | | |
| а | Fastener with threaded dia. 10mm. | Nos | 260 | | |
| | | | | | |
| 23 | Providing and fixing toughened glass panels of 10 mm thk glass . Glass panels fixed to ss railings with glass | | | | |
| | | | 1 | | |
| | holders. Glass shall have grinded & clear edge polishing .The cost glass holders and making holes to be | | | | |
| | taken seperately | Sqm | 140 | | |
| | | | | | |
| 24 | Making holes in the glass as per drawings | each | 180 | | |
| | <u> </u> | | | | |
| | | | + | | |
| | Providing and fixing SS 304 grade Glass Holders (Ozone model OZRF-GH-01-00-00 equivalent approved) to | | | | |
| | the the SS railing /gates etc | each | 180 | | |
| | | | | | |
| 26 | Providing & fixing aluminium work for doors, windows, ventilators & partitions with built up standard tubular | | 1 | | |
| 20 | | | 1 | | |
| | /appropriate Z sections & other sections of apporved make conforming to IS : 733 and IS : 1285 anodised and | | 1 | | |
| | transparent or dyed to required shade conforming to IS : 1868 with minimum anodic coating of grade AC - | | 1 | | |
| | 15 fixed with rawl plug, screws, or with fixing clips, aluminium handles, tower bolt , eye & hooks etc. with | | 1 | | |
| | expansion hold fastners including necessary filling up of gaps at junctions at top , bottom and sides with | | 1 | | |
| | | | 1 | | |
| | required PVC/ neoprene felt etc. aluminium sections shall be smooth rust free straight, mitred and jointed | | 1 | | |
| | mechanically where ever required including cleat angles, aluminium snap beading for glazing/ panelling, CP | | | | |
| | brass/ stainless steel screws all compelte as per architectural drawings and directions including carriage of | | | | |
| | | | 1 | | |
| | materials in all leads and lifts.(Glazing and panelling to be paid for extra) | 1 | 1 | | |
| | | | 1 | | |
| | | | | | |
| | For fixed portions | | | | |
| | <u>For fixed portions</u> Powder Coated aluminium (Minimum thickness of powder coating 50 micron external grade PP grade) | | | | |
| | | Kg | 10 | | |
| i. | Powder Coated aluminium (Minimum thickness of powder coating 50 micron external grade PP grade) | Кд | 10 | | |
| i. ii. | Powder Coated aluminium (Minimum thickness of powder coating 50 micron external grade PP grade) Powder Coated aluminium for shutters of doors , windows and ventilators including providing and fixing | | 10 | | |
| i. ii. | Powder Coated aluminium (Minimum thickness of powder coating 50 micron external grade PP grade) | | 10 | | |
| i. ii. | Powder Coated aluminium (Minimum thickness of powder coating 50 micron external grade PP grade) Powder Coated aluminium for shutters of doors, windows and ventilators including providing and fixing hinges/pivots and making provision for fixing of fittings wherever required including the PVC/neoprene | | | | |
| i. ii. | Powder Coated aluminium (Minimum thickness of powder coating 50 micron external grade PP grade) Powder Coated aluminium for shutters of doors, windows and ventilators including providing and fixing hinges/pivots and making provision for fixing of fittings wherever required including the PVC/neoprene gasket required (Fittings shall be paid for seperately | Кg | 10 | | |
| i. ii. 27 | Powder Coated aluminium (Minimum thickness of powder coating 50 micron external grade PP grade) Powder Coated aluminium for shutters of doors , windows and ventilators including providing and fixing hinges/pivots and making provision for fixing of fittings wherever required including the PVC/neoprene gasket required (Fittings shall be paid for seperately Providing and fixing glazing in aluminium door ,window,ventilator shutters etc. with PVC/neoprene gasket | Кд | | | |
| i. ii. 27 | Powder Coated aluminium (Minimum thickness of powder coating 50 micron external grade PP grade) Powder Coated aluminium for shutters of doors, windows and ventilators including providing and fixing hinges/pivots and making provision for fixing of fittings wherever required including the PVC/neoprene gasket required (Fittings shall be paid for seperately | Кд | | | |
| i. ii. 27 | Powder Coated aluminium (Minimum thickness of powder coating 50 micron external grade PP grade) Powder Coated aluminium for shutters of doors , windows and ventilators including providing and fixing hinges/pivots and making provision for fixing of fittings wherever required including the PVC/neoprene gasket required (Fittings shall be paid for seperately Providing and fixing glazing in aluminium door ,window,ventilator shutters etc. with PVC/neoprene gasket | Кg | | | |
| i. ii. 27 | Powder Coated aluminium (Minimum thickness of powder coating 50 micron external grade PP grade) Powder Coated aluminium for shutters of doors , windows and ventilators including providing and fixing hinges/pivots and making provision for fixing of fittings wherever required including the PVC/neoprene gasket required (Fittings shall be paid for seperately Providing and fixing glazing in aluminium door ,window,ventilator shutters etc. with PVC/neoprene gasket etc. Complete as per the architectural drawings and the directions of engineer -in-charge (cost of aluminium beading shall be paid in basic Item)(Minimum thickness of powder coating 50 micron external grade PP | Кg | | | |
| i. ii. 27 | Powder Coated aluminium (Minimum thickness of powder coating 50 micron external grade PP grade) Powder Coated aluminium for shutters of doors , windows and ventilators including providing and fixing hinges/pivots and making provision for fixing of fittings wherever required including the PVC/neoprene gasket required (Fittings shall be paid for seperately Providing and fixing glazing in aluminium door ,window,ventilator shutters etc. with PVC/neoprene gasket etc. Complete as per the architectural drawings and the directions of engineer -in-charge (cost of aluminium beading shall be paid in basic Item)(Minimum thickness of powder coating 50 micron external grade PP grade) | Кg | 20 | | |
| i. ii. 27 a | Powder Coated aluminium (Minimum thickness of powder coating 50 micron external grade PP grade) Powder Coated aluminium for shutters of doors , windows and ventilators including providing and fixing hinges/pivots and making provision for fixing of fittings wherever required including the PVC/neoprene gasket required (Fittings shall be paid for seperately Providing and fixing glazing in aluminium door ,window,ventilator shutters etc. with PVC/neoprene gasket etc. Complete as per the architectural drawings and the directions of engineer -in-charge (cost of aluminium beading shall be paid in basic Item) (Minimum thickness of powder coating 50 micron external grade PP grade) With float glass panes of 4.0 mm thickness | Кg | 20 | | |
| i. ii. 27 a | Powder Coated aluminium (Minimum thickness of powder coating 50 micron external grade PP grade) Powder Coated aluminium for shutters of doors , windows and ventilators including providing and fixing hinges/pivots and making provision for fixing of fittings wherever required including the PVC/neoprene gasket required (Fittings shall be paid for seperately Providing and fixing glazing in aluminium door ,window,ventilator shutters etc. with PVC/neoprene gasket etc. Complete as per the architectural drawings and the directions of engineer -in-charge (cost of aluminium beading shall be paid in basic Item)(Minimum thickness of powder coating 50 micron external grade PP grade) | Кg | 20 | | |
| i. ii. 27 a | Powder Coated aluminium (Minimum thickness of powder coating 50 micron external grade PP grade) Powder Coated aluminium for shutters of doors , windows and ventilators including providing and fixing hinges/pivots and making provision for fixing of fittings wherever required including the PVC/neoprene gasket required (Fittings shall be paid for seperately Providing and fixing glazing in aluminium door ,window,ventilator shutters etc. with PVC/neoprene gasket etc. Complete as per the architectural drawings and the directions of engineer -in-charge (cost of aluminium beading shall be paid in basic Item) (Minimum thickness of powder coating 50 micron external grade PP grade) With float glass panes of 4.0 mm thickness | Kg Sqm | 20 | | |
| i. ii. 27 a b | Powder Coated aluminium (Minimum thickness of powder coating 50 micron external grade PP grade) Powder Coated aluminium for shutters of doors , windows and ventilators including providing and fixing hinges/pivots and making provision for fixing of fittings wherever required including the PVC/neoprene gasket required (Fittings shall be paid for seperately Providing and fixing glazing in aluminium door ,window,ventilator shutters etc. with PVC/neoprene gasket etc. Complete as per the architectural drawings and the directions of engineer -in-charge (cost of aluminium beading shall be paid in basic Item) (Minimum thickness of powder coating 50 micron external grade PP grade) With float glass panes of 4.0 mm thickness With float glass panes of 5.0 mm thickness | Kg Sqm Sqm | 20 | | |
| i. ii. 27 a b 28 | Powder Coated aluminium (Minimum thickness of powder coating 50 micron external grade PP grade) Powder Coated aluminium for shutters of doors , windows and ventilators including providing and fixing hinges/pivots and making provision for fixing of fittings wherever required including the PVC/neoprene gasket required (Fittings shall be paid for seperately Providing and fixing glazing in aluminium door ,window,ventilator shutters etc. with PVC/neoprene gasket etc. Complete as per the architectural drawings and the directions of engineer -in-charge (cost of aluminium beading shall be paid in basic Item)(Minimum thickness of powder coating 50 micron external grade PP grade) With float glass panes of 4.0 mm thickness With float glass panes of 5.0 mm thickness Providing and fixing glazing in UPVC door ,window,ventilator shutters etc. complete as per the architectural | Kg Sqm Sqm | 20 | | |
| i. ii. 27 a b 28 | Powder Coated aluminium (Minimum thickness of powder coating 50 micron external grade PP grade) Powder Coated aluminium for shutters of doors , windows and ventilators including providing and fixing hinges/pivots and making provision for fixing of fittings wherever required including the PVC/neoprene gasket required (Fittings shall be paid for seperately Providing and fixing glazing in aluminium door ,window,ventilator shutters etc. with PVC/neoprene gasket etc. Complete as per the architectural drawings and the directions of engineer -in-charge (cost of aluminium beading shall be paid in basic Item) (Minimum thickness of powder coating 50 micron external grade PP grade) With float glass panes of 4.0 mm thickness With float glass panes of 5.0 mm thickness | Kg Sqm Sqm | 20 | | |
| i. ii. 27 a b 28 | Powder Coated aluminium (Minimum thickness of powder coating 50 micron external grade PP grade) Powder Coated aluminium for shutters of doors , windows and ventilators including providing and fixing hinges/pivots and making provision for fixing of fittings wherever required including the PVC/neoprene gasket required (Fittings shall be paid for seperately Providing and fixing glazing in aluminium door ,window,ventilator shutters etc. with PVC/neoprene gasket etc. Complete as per the architectural drawings and the directions of engineer -in-charge (cost of aluminium beading shall be paid in basic Item)(Minimum thickness of powder coating 50 micron external grade PP grade) With float glass panes of 4.0 mm thickness With float glass panes of 5.0 mm thickness Providing and fixing glazing in UPVC door ,window,ventilator shutters etc. complete as per the architectural | Kg Sqm Sqm | 20 | | |



| i | | | | | |
|---|--|---------------------------------|--|-----------|---------------|
| | Description of Item | Unit | Qty | Rate (Rs) | Amount (Rs) |
| | With float glass panes of 4.0 mm thickness | Sqm | 16 | | |
| ii. | With float glass panes of 5.0 mm thickness | Sqm | 140 | | |
| iii | With float glass panes of 8 mm thickness | Sqm | 80 | | |
| | | | | | |
| 29 | Providing and fixing stainless steel (SS 304 grade) adjustable friction windows stays of approved quality with | | | | |
| | necessary stainless steel screws etc. to the side hung windows as per direction of Engineerin-charge | | | | |
| | complete. | | | | |
| 2 | 205 X 19 mm | each | 32 | | |
| | 255 X 19 mm | each | 32 | | |
| D | 232 ¥ 13 [[[[]] | each | 52 | | |
| | | | | | |
| 30 | Providing and fixing 100mm brass mortice latch and locks with 6 levers without pair of handles (best make of | | | | |
| | approved quality) for aluminium doors including necessary cutting and making good etc. complete. | | | | |
| | | each | 16 | | |
| | | | | | |
| | | | | | |
| | SUBTOTAL-E WOOD/STEEL WORK - STRUCTURAL STEEL / ALUMINIUM/ UPVC WORKS | | | | |
| | CARRIED OVER TO SUMMARY OF CIVIL WORKS | | | | |
| | | | | | |
| | | | | | |
| | SECTION-E | | | | |
| | SECTION- F (FALSE CEILINGS) | | | | |
| 1 | Providing and fixing faise celling at height including providing and fixing of frame work made of special | | | | |
| | sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 grm/sqm (both side | | | | |
| | inclusive) as per IS: 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 | | | | |
| | mm and 37 mm. at 1200 mm centre to centre, one flange fixed to the celling with dash fastener 12.5 mm dia | | | | |
| | x 50 mm long with 6 mm dia bolts, other flange of cleat fixed to the anlge hangers of 25x10x0.50 mm of | | | | |
| | required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. | | | | |
| | channels centre, to which the celling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of | | | | |
| | | | | | |
| | 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shell be fixed in a direction perpridicular to | | | | |
| | G.I. intermediate chanel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every | | | | |
| | junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm | | | | |
| | long, the perimeter of celling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25 | | | | |
| | mm long dry wall screws @ 230 mm inteval. including fixing of gyosum board to celling section and perimeter | | - | | |
| | 12.5 mm thick tapered edge gypsum moisture resistant board | Sqm. | 50 | | |
| | | | | | |
| 2 | Providing and fixing false ceiling as per 1 above but in line of Gypsum board providing and laying in situ | | | | |
| | P.O.P. with metal lath and plaster ceiling in plain / curved profile , complete with necessary cut-outs for | | | | |
| | services out lets as described in item No 1 above . | Sqm | 120 | | |
| | | | | | |
| 2 | Providing and fixing 75 high Gypsum board vertical band on the edges of False Ceiling | Rm | 95 | | |
| 3 | Providing and fixing 75 fight Gypsum board vertical band on the edges of Faise Centrig | NIII | 95 | | |
| | | | | | |
| 4 | Providing and fixing Double Layer Ceiling System , using 12mm thick commercial ply in lieu of Gypboard | | | | |
| | ceiling in item 1 as first layer & using 4 mm thk vineer in approved pattern as second layer fixed to each | | | | |
| | other as per drawing and specisfications Vineer basic Price Rs 220/- Sft. | sqm | 40 | | |
| | | | | | |
| 5 | Providing and fixing ceiling rafters with 4mm vineer (wenge shade of century make)of approved | | | | |
| | design/pattern and make fixed over rectangular box of 75X100 cross section made by joining the 19mm | | | | |
| | comm. Ply with grooves as per the drawing. Ply shall be fixed on to the partition/ pane/wall with pvc | | | | |
| | fastners. | Rm | 60 | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | SUBTOTAL-F FALSE CEILING CARRIED OVER TO SUMMARY OF CIVIL WORKS | | | | |
| | | | | | |
| | | | | | |
| | SECTION-G FLOORING / WALL CLADDING/ STONE WORK | | | | |
| 1 | SECTION-G FLOORING / WALL CLADDING/ STONE WORK Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) | | | | |
| 1 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) | | | | |
| 1 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and | | | | |
| 1 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ | | | | |
| 1 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and | | | | |
| | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. | carr | 100 | | |
| а | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) | sqm | 100 | | |
| a b | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) | sqm sqm | 100 1300 | | |
| a b | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by | | | | |
| a b | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except | | | | |
| a b 2 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 700 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) | | | | |
| a b 2 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except | | | | |
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| a b 2 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete. (Basic Price Rs 650 /- | sqm | 1300 | | |
| a b 2 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete. (Basic Price Rs 650 /- | sqm | 1300 | | |
| a b 2 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 700 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete.(Basic Price Rs 650 /- Sqm) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to | sqm | 1300 | | |
| a b 2 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 700 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete.(Basic Price Rs 650 /- Sqm) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to IS:15622, of approved make, in all color and shades, in skirting, risers of steps over 12mm thick cement | sqm | 1300 | | |
| a b 2 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 700 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete.(Basic Price Rs 650 /- Sqm) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to | sqm sqm | 1300 490 | | |
| a b 2 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 700 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete.(Basic Price Rs 650 /- Sqm) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to IS:15622, of approved make, in all color and shades, in skirting, risers of steps over 12mm thick cement | sqm | 1300 | | |
| a b 2 3 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete.(Basic Price Rs 650 /- Sqm) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to IS:15622, of approved make, in all color and shades, in skirting, risers of steps over 12mm thick cement plaster 1:3 (1 cement: 3 course sand) and jointed with white cement and matching pigment etc., Complete. | sqm sqm | 1300 490 | | |
| a b 2 3 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete.(Basic Price Rs 650 /- Sqm) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to IS:15622, of approved make, in all color and shades, in skirting, risers of steps over 12mm thick cement plaster 1:3 (1 cement: 3 course sand) and jointed with white cement and matching pigment etc., Complete. Providing and laying any coloured / plain/ texture /digital tiles in skirting, risers of steps and dado on 12mm thick | sqm sqm | 1300 490 | | |
| a b 2 3 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete.(Basic Price Rs 650 /- Sqm) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to IS:15622, of approved make, in all color and shades, in skirting, risers of steps over 12mm thick cement plaster 1:3 (1 cement: 3 course sand) and jointed with white cement and matching pigment etc., Complete. | sqm sqm sqm | 1300 490 160 | | |
| a b 2 3 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete.(Basic Price Rs 650 /- Sqm) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to IS:15622, of approved make, in all color and shades, in skirting, risers of steps over 12mm thick cement plaster 1:3 (1 cement: 3 course sand) and jointed with white cement and matching pigment etc., Complete. Providing and laying any coloured / plain/ texture /digital tiles in skirting, risers of steps and dado on 12mm thick | sqm sqm | 1300 490 | | |
| a b 2 3 4 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete. (Basic Price Rs 650 /- Sam) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to IS:15622, of approved make, in all color and shades, in skirting, risers of steps over 12mm thick cement plaster 1:3 (1 cement: 3 course sand) and jointed with white cement and matching pigment etc., Complete. Providing and laying any coloured / plain/ texture /digital tiles in skirting, risers of steps and dado on 12mm thick cement plaster 1:3(1 cement: 3 course sand) and jointed with white cement slurry and matching pigment etc (Basic price Rs 750/- Per Sqm) | sqm sqm sqm | 1300 490 160 | | |
| a b 2 3 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete. (Basic Price Rs 650 /- Sam) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to IS:15622, of approved make, in all color and shades, in skirting, risers of steps over 12mm thick cement plaster 1:3 (1 cement: 3 course sand) and jointed with white cement and matching pigment etc., Complete. Providing and laying any coloured / plain/ texture /digital tiles in skirting, risers of steps and dado on 12mm thick cement plaster 1:3(1 cement: 3 course sand) and jointed with white cement slurry and matching pigment etc (Basic price Rs 750/- Per Sqm) Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic | sqm sqm sqm | 1300 490 160 | | |
| a b 2 3 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete. (Basic Price Rs 650 /- Sam) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to IS:15622, of approved make, in all color and shades, in skirting, risers of steps over 12mm thick cement plaster 1:3 (1 cement: 3 course sand) and jointed with white cement and matching pigment etc., Complete. Providing and laying any coloured / plain/ texture /digital tiles in skirting, risers of steps and dado on 12mm thick cement plaster 1:3(1 cement: 3 course sand) and jointed with white cement slurry and matching pigment etc (Basic price Rs 750/- Per Sqm) | sqm sqm sqm | 1300 490 160 | | |
| a b 2 3 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete. (Basic Price Rs 650 /- Sam) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to IS:15622, of approved make, in all color and shades, in skirting, risers of steps over 12mm thick cement plaster 1:3 (1 cement: 3 course sand) and jointed with white cement and matching pigment etc., Complete. Providing and laying any coloured / plain/ texture /digital tiles in skirting, risers of steps and dado on 12mm thick cement plaster 1:3(1 cement: 3 course sand) and jointed with white cement slurry and matching pigment etc (Basic price Rs 750/- Per Sqm) Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic | sqm sqm sqm | 1300 490 160 | | |
| a b 2 3 3 4 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete.(Basic Price Rs 650 /- Sqm) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to IS:15622, of approved make, in all color and shades, in skirting, risers of steps over 12mm thick cement plaster 1:3 (1 cement: 3 course sand) and jointed with white cement and matching pigment etc., Complete. Providing and laying any coloured / plain/ texture /digital tiles in skirting, risers of steps and dado on 12mm thick cement plaster 1:3(1 cement: 3 course sand) and jointed with white cement slurry and matching pigment etc (Basic price Rs 750/- Per Sqm) Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade(0.10 kg of hardener and 0.20 kg of resin per kg), including filling/grouting and finishing complete as per directions. | sqm sqm Sqm | 1300 490 160 | | |
| a b 2 3 3 4 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete. (Basic Price Rs 650 /- Sqm) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to IS:15622, of approved make, in all color and shades, in skirting, risers of steps over 12mm thick cement plaster 1:3 (1 cement: 3 course sand) and jointed with white cement and matching pigment etc., Complete. Providing and laying any coloured / plain/ texture /digital tiles in skirting, risers of steps and dado on 12mm thick cement plaster 1:3(1 cement: 3 course sand) and jointed with white cement slurry and matching pigment etc (Basic price Rs 750/- Per Sqm) Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade(0.10 kg of hardener and 0.20 kg of resin per kg), including filling/grouting and finishing complete as per directions. Size of Tile 600x600 mm | sqm sqm Sqm Sqm | 1300 490 160 25 200 | | |
| a b 2 3 3 4 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete.(Basic Price Rs 650 /- Sqm) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to IS:15622, of approved make, in all color and shades, in skirting, risers of steps over 12mm thick cement plaster 1:3 (1 cement: 3 course sand) and jointed with white cement and matching pigment etc., Complete. Providing and laying any coloured / plain/ texture /digital tiles in skirting, risers of steps and dado on 12mm thick cement plaster 1:3(1 cement: 3 course sand) and jointed with white cement slurry and matching pigment etc (Basic price Rs 750/- Per Sqm) Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade(0.10 kg of hardener and 0.20 kg of resin per kg), including filling/grouting and finishing complete as per directions. | sqm sqm Sqm | 1300 490 160 25 | | |
| a b 2 3 3 4 5 5 <u>a</u> b | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete. (Basic Price Rs 650 /-Sam) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to IS:15622, of approved make, in all color and shades, in skirting, risers of steps over 12mm thick cement plaster 1:3 (1 cement: 3 course sand) and jointed with white cement and matching pigment etc., Complete. Providing and laying any coloured / plain/ texture /digital tiles in skirting, risers of steps and dado on 12mm thick cement plaster 1:3(1 cement: 3 course sand) and jointed with white cement slurry and matching pigment etc (Basic price Rs 750/- Per Sqm) Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade(0.10 kg of hardener and 0.20 kg of resin per kg), including filling/grouting and finishing complete as per directions. Size of Tile 600x600 mm Size of Tile 600x600 mm | sqm sqm Sqm Sqm | 1300 490 160 25 200 | | |
| a b 2 3 3 4 5 5 <u>a</u> b | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to 15:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to 1S : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete. (Basic Price Rs 650 /-Sqm) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to IS:15622, of approved make, in all color and shades, in skirting, risers of steps over 12mm thick cement plaster 1:3 (1 cement: 3 course sand) and jointed with white cement and matching pigment etc., Complete. Providing and laying any coloured / plain/ texture /digital tiles in skirting, risers of steps and dado on 12mm thick cement plaster 1:3(1 cement: 3 course sand) and jointed with white cement slurry and matching pigment etc (Basic price Rs 750/- Per Sqm) Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade(0.10 kg of hardener and 0.20 kg of resin per kg), including filling/grouting and finishing complete as per directions. Size of Tile 800x800 mm Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed | sqm sqm Sqm Sqm | 1300 490 160 25 200 | | |
| a b 2 3 3 4 5 5 2 6 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to 15:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to 1S : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete. (Basic Price Rs 650 /- Sqm) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to IS:15622, of approved make, in all color and shades, in skirting, risers of steps over 12mm thick cement plaster 1:3 (1 cement: 3 course sand) and jointed with white cement and matching pigment etc., Complete. Providing and laying any coloured / plain/ texture /digital tiles in skirting, risers of steps and dado on 12mm thick cement plaster 1:3(1 cement: 3 course sand) and jointed with white cement slurry and matching pigment etc (Basic price Rs 750/- Per Sqm) Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade(0.10 kg of hardener and 0.20 kg of resin per kg), including filling/grouting and finishing complete as per directions. Size of Tile 600x600 mm Size of Tile 800x800 mm Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab incuding rubbing and polishing complete with: | sqm sqm Sqm Sqm Sqm | 1300 490 160 25 200 200 | | |
| a b 2 3 3 4 5 5 2 6 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to 15:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to 1S : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete. (Basic Price Rs 650 /-Sqm) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to IS:15622, of approved make, in all color and shades, in skirting, risers of steps over 12mm thick cement plaster 1:3 (1 cement: 3 course sand) and jointed with white cement and matching pigment etc., Complete. Providing and laying any coloured / plain/ texture /digital tiles in skirting, risers of steps and dado on 12mm thick cement plaster 1:3(1 cement: 3 course sand) and jointed with white cement slurry and matching pigment etc (Basic price Rs 750/- Per Sqm) Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade(0.10 kg of hardener and 0.20 kg of resin per kg), including filling/grouting and finishing complete as per directions. Size of Tile 800x800 mm Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed | sqm sqm Sqm Sqm | 1300 490 160 25 200 | | |
| a b 2 3 3 4 5 5 6 6 a | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to 15:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to 1S : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete. (Basic Price Rs 650 /- Sam) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to IS:15622, of approved make, in all color and shades, in skirting, risers of steps over 12mm thick cement plaster 1:3 (1 cement: 3 course sand) and jointed with white cement and matching pigment etc., Complete. Providing and laying any coloured / plain/ texture /digital tiles in skirting, risers of steps and dado on 12mm thick cement plaster 1:3(1 cement: 3 course sand) and jointed with white cement slurry and matching pigment etc (Basic price Rs 750/- Per Sqm) Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade(0.10 kg of hardener and 0.20 kg of resin per kg), including filling/grouting and finishing complete as per directions. Size of Tile 600x600 mm Size of Tile 600x600 mm | sqm sqm Sqm Sqm Sqm | 1300 490 160 25 200 200 | | |
| a b 2 3 3 4 5 5 6 6 a | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 600 X 600 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete. (Basic Price Rs 650 /- Sqm) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to IS:15622, of approved make, in all color and shades, in skirting, risers of steps over 12mm thick cement plaster 1:3 (1 cement: 3 course sand) and jointed with white cement and matching pigment etc., Complete. Providing and laying any coloured / plain/ texture /digital tiles in skirting, risers of steps and dado on 12mm thick cement plaster 1:3(1 cement: 3 course sand) and jointed with white cement slurry and matching pigment etc (Basic price Rs 750/- Per Sqm) Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade(0.10 kg of hardener and 0.20 kg of resin per kg), including filling/grouting and finishing complete as per directions. Size of Tile 600x600 mm Size of Tile 800x800 mm Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab incuding rubbing and polishing complete with: 25 mm thick wit | sqm sqm Sqm Sqm Sqm | 1300 490 160 25 200 200 | | |
| a b 2 3 3 4 5 5 6 6 a | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to 15:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 800 X 800 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to 1S : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete. (Basic Price Rs 650 /- Sam) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to IS:15622, of approved make, in all color and shades, in skirting, risers of steps over 12mm thick cement plaster 1:3 (1 cement: 3 course sand) and jointed with white cement and matching pigment etc., Complete. Providing and laying any coloured / plain/ texture /digital tiles in skirting, risers of steps and dado on 12mm thick cement plaster 1:3(1 cement: 3 course sand) and jointed with white cement slurry and matching pigment etc (Basic price Rs 750/- Per Sqm) Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade(0.10 kg of hardener and 0.20 kg of resin per kg), including filling/grouting and finishing complete as per directions. Size of Tile 600x600 mm Size of Tile 600x600 mm | sqm sqm Sqm Sqm Sqm | 1300 490 160 25 200 200 | | |
| a b 2 3 3 4 5 5 6 6 a | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturere) with water absorption less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20 mm cement mortar 1:4 (1cement :4 coarse sand) jointing ith grey cement slurry@ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of tile 600 X 600 mm (Basic Price Rs 700 /- Sqm) Size of tile 600 X 600 mm (Basic Price Rs 1050 /- Sqm) Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, grey, fume, Red, brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete. (Basic Price Rs 650 /- Sqm) Providing and laying any Vitrified tiles in different sizes with water absorption of 0.08% and confirming to IS:15622, of approved make, in all color and shades, in skirting, risers of steps over 12mm thick cement plaster 1:3 (1 cement: 3 course sand) and jointed with white cement and matching pigment etc., Complete. Providing and laying any coloured / plain/ texture /digital tiles in skirting, risers of steps and dado on 12mm thick cement plaster 1:3(1 cement: 3 course sand) and jointed with white cement slurry and matching pigment etc (Basic price Rs 750/- Per Sqm) Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade(0.10 kg of hardener and 0.20 kg of resin per kg), including filling/grouting and finishing complete as per directions. Size of Tile 600x600 mm Size of Tile 800x800 mm Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab incuding rubbing and polishing complete with: 25 mm thick wit | sqm sqm Sqm Sqm Sqm | 1300 490 160 25 200 200 | | |



| Nos. | | | | | |
|-----------------------------|---|-------|-----|-----------|---------------|
| | Description of Item | Unit | Qty | Rate (Rs) | Amount (Rs) |
| | Providing and fixing 18 mm thick mirror polished, premolded, prepolished machine cut for kitchen platform, | | | | |
| | vanity counters facias 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) with joints trated with white cement , | | | | |
| | mixed with matching pigment , epoxy touch ups , including rubbing , curing molding and polishing to edge to | | | | |
| | give high gloss finish etc complete. | | | | |
| | Granite of any colour and shade (Basic price of stone upto Rs 1850/- per Sq.M.) | | 10 | | |
| | all levels : upto 0.50 sqm slab area | Sqm | 16 | | |
| ii | all levels : above 0.50 sqm slab area | Sqm | 60 | | |
| | | | | | |
| 9 | Extra for fixing marble / granite stone, over and above corresponding basic item, in facia and drops of width | | | | |
| | upto 150 mm with epoxy resin based adhesive, including cleaning etc. complete. | metre | 120 | | |
| | | | | | |
| 10 | Extra for providing opening of required size & shape for wash basin/kitchen sink in kitchen platform, vanity | | | | |
| | counter and similar location in marble/Granite/stone work, including necessary holes for pillar taps etc. | | | | |
| | including moulding, rubbing and polishing of cut edges etc. complete. | each | 32 | | |
| 11 | Descriding and fining same same set 10 years think winner calible days wanded and was calible day washing a th | | | | |
| | Providing and fixing gang saw cut 18 mm thick mirror polished pre moulded and pre polished, machine cut | | | | |
| | granite of required size of approved shade, colour and texture in footpath, flooring in road side laid over 20 | | | | |
| | mm thick base cement mortar 1 : 4 (1 cement : 4 coarse sand) with joints treated with white cement , | | | | |
| | mixed with matching pigment, epoxy touch ups, including rubbing, curing etc. complete as per directions. | | | | |
| • | With granite stope of area loss than 0 E0 cam (Dasis price of stope upto Ds 18E0/ per Sa M) | Com. | 150 | | |
| а | With granite stone of area less than 0.50 sqm. (Basic price of stone upto Rs 1850/- per Sq.M.) | Sqm | 150 | | |
| 43 | n de ferre al de servicie de la de la de la de la dela de la dela de | | | | |
| 12 | Extra for providing edge moulding to 18 mm thick Marble stone counters , vanities , steps etc. including | | | | |
| | machine polishing to edge to give high gloss finish etc. complete as per approved design. | | | | |
| - | Granita work | Mate- | 220 | | |
| a | Granite work | Metre | 220 | | |
| 17 | Draviding and fiving graphic of socialized size & shape in DCC / CC hashing with something the 4 - 2 / 4 | | | | |
| 13 | Providing and fixing cramps of required size & shape in RCC / CC backing with cement mortar 1 : 2 (1 cement | | | | |
| | : 2 coarse sand) including drilling necessary hole in stones and embedding the cramp in the hole (Fastener | | | | |
| | to be paid separately) | | | | |
| a) | Stainless steel cramps. | Kg. | 40 | | |
| _ | | | | | |
| 15 | Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as | | | | |
| | curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone | | | | |
| | slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement :4 coarse sand) laid and jointed with | | | | |
| | cement slurry and pointing with white cement slurry admixed with pigment of matching shade including | | | | |
| | rubbing, curing and polishing etc. all complete as specified and as directed : | | | | |
| | | | | | |
| a) | Flamed finish granite stone slab (Basic price of stone upto Rs 1850/- per Sq.M.) | Sqm | 50 | | |
| | | | | | |
| 16 | Providing & Fixing 4mm thick fire rated aluminium composite panel with .5mm skin cladding of approved | | | | |
| | | | | | |
| - | shade & pattern of ALSTRONG or equivalent make (exterior grade) sandwitched between two skins of | | | | |
| | | | | | |
| | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow | | | | |
| | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatilty including sealing the joints by the | | | | |
| | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and | | | | |
| | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube | SqM | 45 | | |
| | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and | SqM | 45 | | |
| | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube | SqM | 45 | | |
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| | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) | SqM | 45 | | |
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| | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING | SqM | 45 | | |
| | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as | SqM | 45 | | |
| 1 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and | SqM | 45 | | |
| 1 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as | SqM | 45 | | |
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| 1 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. | SqM | 45 | | |
| 1 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatilty including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and | SqM | 45 | | |
| 1 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications.(suggested | SqM | 45 | | |
| 1 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. | SqM | 45 | | |
| 1 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications.(suggested brand Dr Fixit Powecrete) Laying cement concrete using broken bricks /brick bates 25mm to 115mm size with 50% of cement mortar | SqM | 45 | | |
| 1 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications.(suggested brand Dr Fixit Powecrete) Laying cement concrete using broken bricks /brick bates 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement: 5 coarse sand) admixed with propritary water proofing compound conforming to IS :2645 | SqM | 45 | | |
| 1 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications. (suggested brand Dr Fixit Powecrete) Laying cement concrete using broken bricks /brick bates 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement: 5 coarse sand) admixed with propritary water proofing compound conforming to 15: 2645 over 20mm thick layer of cement mortar of mix 1:5 (1 cement: 5 coarse sand) admixed with water proofing | SqM | 45 | | |
| 1 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications.(suggested brand Dr Fixit Powecrete) Laying cement concrete using broken bricks /brick bates 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement: 5 coarse sand) admixed with propritary water proofing compound conforming to IS :2645 to ver 20mm thick layer of cement mortar of mix 1:5 (1 cement: 5 coarse sand) admixed with propritary specifications is upto 300 | SqM | 45 | | |
| 1 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications.(suggested brand Dr Fixit Powecrete) Laying cement concrete using broken bricks /brick bates 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement: 5 coarse sand) admixed with propriary water proofing compound conforming to IS :2645 over 20mm thick layer of cement mortar of mix 1:5 (1 cement: 5 coarse sand) admixed with water proofing compound conforming to IS :2645 to the required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs . | SqM | 45 | | |
| 1 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafolding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications.(suggested brand Dr Fixit Powecrete) Laying cement concrete using broken bricks /brick bates 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement: 5 coarse sand) admixed with propritary water proofing compound conforming to IS :2645 to the required slope and treating similarly the adjoining walls upto 300 mm height and shabs. After two days of proper curing applying a second coat of cement slurry admixed with water proofing | SqM | 45 | | |
| 1 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatity including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications.(suggested brand Dr Fixit Powecrete) Laying cement concrete using broken bricks /brick bates 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement: 5 coarse sand) admixed with propritary water proofing compound conforming to IS :2645 over 20mm thick layer of cement mortar of mix 1:5 (1 cement: 5 coarse sand) admixed with water proofing compound conforming to IS :2645 to the required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs . After two days of proper curing applying a second coat of cement slurry admixed with water proofing compound conforming to IS :2645 | SqM | 45 | | |
| 1 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications.(suggested brand Dr Fixit Powecrete) Laying cement concrete using broken bricks /brick bates 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement: 5 coarse sand) admixed with propritary water proofing compound conforming to 15: 2645 to the required slope and treating similarly the adjoining walls upto 300 mm height including of junctions of walls and slabs . After two days of proper curing applying a second coat of cement slurry admixed with water proofing compound conforming to 15: 2645 Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement:4 coarse sand) admixed | SqM | 45 | | |
| | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications.(suggested brand Dr Fixit Powecret) Laying cement concrete using broken bricks /brick bates 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement: 5 coarse sand) admixed with propritary water proofing compound conforming to IS :2645 to ver 20mm thick layer of cement mortar of mix 1:5 (1 cement: 5 coarse sand) admixed with water proofing compound conforming to IS :2645 to the required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs . After two days of proper curing applying a second coat of cement slurry admixed with water proofing compound conforming to IS :2645 Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement:4 coarse sand) admixed with water proofing compound conforming to IS :2645 Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement:4 coarse sand) admixed with water proofing compound conforming to IS :2645 | SqM | 45 | | |
| 1 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS <u>SECTION -H ROOFING</u> Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications.(suggested brand Dr Fixit Powecrete) Laying cement concrete using broken bricks /brick bates 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement: 5 coarse sand) admixed with propritary water proofing compound conforming to IS :2645 over 20mm thick layer of cement mortar of mix 1:5 (1 cement: 5 coarse sand) admixed with water proofing compound conforming to IS :2645 to the required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs . After two days of proper curing applying a second coat of cement slurry admixed with water proofing compound conforming to IS :2645 Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement:4 coarse sand) admixed with water proofing compound conforming to IS :2645 Finishing the surface with trowel with neat cement slurry and making of 300X300 mm square 3mm | SqM | 45 | | |
| a c c | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications.(suggested brand Dr Fixit Powecrete) Laying cement concrete using broken bricks /brick bates 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement: 5 coarse sand) admixed with propritary water proofing compound conforming to IS :2645 over 20mm thick layer of cement mortar of mix 1:5 (1 cement: 5 coarse sand) admixed with water proofing compound conforming to IS :2645 to the required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. After two days of proper curing applying a second coat of cement slurry admixed with water proofing compound conforming to IS :2645 Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement:4 coarse sand) admixed with water proofing compound conforming to IS :2645 Finishing the surface with 20 mm thick jointless cement slurry admixing of 300X300 mm square 3mm deep. | SqM | | | |
| l c c | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatity including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications.(suggested brand Dr Fixit Powecrete) Laying cement concrete using broken bricks /brick bates 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement: 5 coarse sand) admixed with propritary water proofing compound conforming to IS :2645 over 20mm thick layer of cement mortar of mix 1:5 (1 cement: 5 coarse sand) admixed with water proofing compound conforming to IS :2645 to the required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs . After two days of proper curing applying a second coat of cement slurry admixed with water proofing compound conforming to IS :2645 Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement:4 coarse sand) admixed with water proofing compound conforming to IS :2645 including laying glass fibre cloth of approved quality and finally finishing the surface with trowel with neat cement slurry and making of 300X300 mm square 3mm deep. The whole terrace so finished shall be fl | SqM | | | |
| 1 1 2 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafoldling etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications.(suggested brand Dr Fixit Powecrete) Laying cement concrete using broken bricks /brick bates 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement: 5 coarse sand) admixed with propritary water proofing compound conforming to 1S :2645 over 20mm thick layer of cement mortar of mix 1:5 (1 cement: 5 coarse sand) admixed with water proofing compound conforming to 1S :2645 to the required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs . After two days of proper curing applying a second coat of cement slurry admixed with water proofing compound conforming to 1S :2645 Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement:4 coarse sand) admixed with water proofing compound conforming to 1S :2645 including laying glass fibre cloth of approved quality and finally finishing the surface with trowel with neat cement slurry and making of 300X300 mm square 3mm deep. The whole terrace so finished shall be | SqM | | | |
| 1 1 2 2 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quality including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafolding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMIMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications. (suggested brand Dr Fixit Powecrete) Laying cement concrete using broken bricks /brick bates 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement: 5 coarse sand) admixed with propritary water proofing compound conforming to IS :2645 to the required slope and treating similarly the adjoining walls upto 300 mm height including slope and treating similarly the adjoining walls upto 300 mm height including to such as decompound conforming to IS :2645 to the required slope and treating similarly the adjoining walls upto 300 mm height including for unding of junctions of walls and slabs. After two days of proper curing applying a second coat of cement slurry admixed with water proofing compound conforming to IS :2645. Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement:4 coarse sand) admixed with water proofing compound conforming to IS :2645. Finishing the surface with trowel with neat cement slurry and making of 300X300 mm square 3mm deep. The whole terrace so finished | | | | |
| 1 1 2 2 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatility including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafoldling etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications.(suggested brand Dr Fixit Powecrete) Laying cement concrete using broken bricks /brick bates 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement: 5 coarse sand) admixed with propritary water proofing compound conforming to 1S :2645 over 20mm thick layer of cement mortar of mix 1:5 (1 cement: 5 coarse sand) admixed with water proofing compound conforming to 1S :2645 to the required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs . After two days of proper curing applying a second coat of cement slurry admixed with water proofing compound conforming to 1S :2645 Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement:4 coarse sand) admixed with water proofing compound conforming to 1S :2645 including laying glass fibre cloth of approved quality and finally finishing the surface with trowel with neat cement slurry and making of 300X300 mm square 3mm deep. The whole terrace so finished shall be | SqM | 45 | | |
| 1 1 2 3 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quality including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafolding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications. (suggested brand Dr Fixit Powecrete) Laying cement concrete using broken bricks /brick bates 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement: 5 coarse sand) admixed with propritary water proofing compound conforming to IS :2645 to the required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. After two days of proper curing applying a second coat of cement slurry admixed with water proofing compound conforming to IS :2645 Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement:4 coarse sand) admixed with water proofing compound conforming to IS :2645 Finishing the surface with 100 mm thick lowed with water for a minimum period of two weeks for curing and for final test. All above operations to be done in order and as directed and specified by engineer in charge/architect. With average thickness of 120mm and minimum thickness at khurra as 65 mm | | | | |
| 1 1 3 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quality including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications.(suggested brand Dr Fixit Poweerte) Laying cement concrete using broken bricks /brick bates 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement: 5 coarse sand) admixed with propritary water proofing compound conforming to IS :2645 over 20mm thick layer of cement mortar of mix 1:5 (1 cement: 5 coarse sand) admixed with propritary solutions of walls and slabs. After two days of proper curing applying a second coat of cement slurry admixed with water proofing compound conforming to IS :2645. Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement:4 coarse sand) admixed with water proofing compound conforming to IS :2645. Finishing the surface with towel with neat cement slurry and making of 300X300 mm square 3mm deep. The whole terraces of finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be done in order and as directed and specified by engineer in charge/architect. With average thickness o | | | | |
| 1 1 2 1 2 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quality including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications.(suggested brand Dr Fixit Powecrete) Laying cement concrete using broken bricks /brick bates 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement: 5 coarse sand) admixed with propritary water proofing compound conforming to IS :2645 or the required slope and treating similarly the adjoining walls upto 300 mm height including of walls and slabs. After two days of proper curing applying a second coat of cement slurry admixed with water proofing compound conforming to IS :2645. Finishing the surface with 120 mm thick jointless cement mortar of mix 1:4 (1 cement: 4 coarse sand) admixed with water proofing compound conforming to IS :2645. The wole terrace son finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be done in order and as directed and specified by engineer in charge/architect. With average thickness of 120mm and minimum thickness of 5cm cement concrete 1:2:4(1 cement : 2coarse sand : 4 graded stone aggregate of 20 | | | | |
| 1 1 2 1 2 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatity including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafoliding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications.(suggested brand Dr Fixit Powecrete) Laying cement concrete using broken bricks /brick bates 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement: 5 coarse sand) admixed with propritary water proofing compound conforming to 15:2645 over 20mm thick layer of cement mortar of mix 1:5 (1 cement: 5 coarse sand) admixed with water proofing compound conforming to 15:2645 including laying glass fibre cloth of approved quality and finally finishing the surface with torwel with neat erement slurry admixed with water profing compound conforming to 15:2645 including laying glass fibre cloth of approved quality and final test. All above operations to be done in order and as directed and specified by engineer in charge/architect. With average thickness of 120mm and minimum thickness of 5cm cement concrete 1:2:4(1 cement : 2:coarse sand) admixed with water providing laying slass of 5cm cement norder in charge/architect. | sqm | 560 | | |
| 1 1 2 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quality including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafollding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications.(suggested brand Dr Fixit Powecrete) Laying cement concrete using broken bricks /brick bates 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement: 5 coarse sand) admixed with propritary water proofing compound conforming to IS :2645 or the required slope and treating similarly the adjoining walls upto 300 mm height including of walls and slabs. After two days of proper curing applying a second coat of cement slurry admixed with water proofing compound conforming to IS :2645. Finishing the surface with 120 mm thick jointless cement mortar of mix 1:4 (1 cement: 4 coarse sand) admixed with water proofing compound conforming to IS :2645. The wole terrace son finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be done in order and as directed and specified by engineer in charge/architect. With average thickness of 120mm and minimum thickness of 5cm cement concrete 1:2:4(1 cement : 2coarse sand : 4 graded stone aggregate of 20 | | | | |
| 1 1 2 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatity including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafoliding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately.) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications.(suggested brand Dr Fixit Powecrete) Laying cement concrete using broken bricks /brick bates 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement: 5 coarse sand) admixed with morpritary water proofing compound conforming to IS :2645 to the required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. After two days of proper curing applying a second coat of cement slurry admixed with water proofing compound conforming to IS :2645 including laying glass fibre cloth of approved quality and finally finishing the surface with 100 morporations to be done in order and as directed and specified by engineer in charge/architect. With average thickness of 120mm and minimum thickness of 5cm cement concrete 1:2:4(1 cement : 2coarse sand) admixed with 12 mm cement plaster 1:3(1 cement: 3 coarse sand) and a coat of neat cement rounding the edges and making and finishing the outlet complete | sqm | 560 | | |
| 1 1 2 1 2 | 0.5mm with thermoplastic core of mid low density poythene ACP cladding to be fixed on grid of M.S hollow tube frame by anchered screws and double tape of approved quatity including sealing the joints by the silicon sealent (789-Doorcorning make) to make joints leak proof including the cost of cutting bending and fixing of ACP sheets, scafoliding etc., complete as per direction of Engineer -in-charge, (M.S Hollow tube frame to be paid separately) SUBTOTAL- G FLOORING CARRIED OVER TO SUMMARY OF CIVIL WORKS SECTION -H ROOFING Providing and laying integral cement based waterproofing treatment including preparation ofsurface as required for treatment of roofs, balconies , terraces etc. consisting of following operations RCC slab and adjoining walls upto 300 mm height including cleaning the surface before treatment. Providing and laying acrylic modified polymer cementatious coat as first coat with fibre mesh on top it and another coat of acrylic modified polymer cementatious coat as per manufaturer specifications.(suggested brand Dr Fixit Powecrete) Laying cement concrete using broken bricks /brick bates 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement: 5 coarse sand) admixed with propritary water proofing compound conforming to 15:2645 over 20mm thick layer of cement mortar of mix 1:5 (1 cement: 5 coarse sand) admixed with water proofing compound conforming to 15:2645 including laying glass fibre cloth of approved quality and finally finishing the surface with torwel with neat erement slurry admixed with water profing compound conforming to 15:2645 including laying glass fibre cloth of approved quality and final test. All above operations to be done in order and as directed and specified by engineer in charge/architect. With average thickness of 120mm and minimum thickness of 5cm cement concrete 1:2:4(1 cement : 2:coarse sand) admixed with water providing laying slass of 5cm cement norder in charge/architect. | sqm | 560 | | |
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| 33 Finishing walls with textured paint of required shade :: | | New work (Two or more coats applied @1.43 ltr/10sqm.over and including base coat of water proofing | | | | |
| 33 Finishing walls with textured paint of required shade :: | | cement paint applied @ 2.20 kg/ 10 sgm). (Asian Ultima or equivalent approved) | Sqm | 480 | | |
| a) New work involving base coat of Asen pants exterior primer ,second coat of Apec Unitax Fine Tex applied with role to give finetex ring bes effect and too coat of Apec Utima in approved shade (Complete in all specifications). 5gm. 480 14 Finishing wall with water proofing Apec Exterior paint manufacture and or required shade on undecorated wall surfaces (one coats to give an even shade after thorough) broking the surface to remove all did and remains of loose powdered materials including carriage of materials in all leads, lifts and height. 5gm. 480 14 Finishing wall with water proofing Apec Exterior paint manufacture and or required shade on undecorated wall surfaces (one coats to give an even shade after thorough) broking the surface to remove all did and remains of loose powdered materials including corring after to diverse brok of M30 Grade made in the submit store with store workstore (on particle dides) (shape laint) 5gm 40 12 Providing and thing GOUM thick factory made cement concrete interlocking paver block of M30 Grade made in the submit store with store workstore (on particle dides) (shape laint) 5gm 205 5UBTOTAL J CARRIED OVER TO SUMMARY OF CIVIL WORKS 5gm 205 205 TOTAL OF CIVIL WORK 200 201 205 11 MV. SWHCH GEARS & DISTRBUTION BOARDS: 201 201 205 12 MV. PANEL GOARDS: 201 201 201 201 14 MV. SWHCH GEARS & DISTRBUTION BOARDS: 201 201 201 | | | • | | | |
| a) New work involving base coat of Asen pants exterior primer ,second coat of Apec Unitax Fine Tex applied with role to give finetex ring bes effect and too coat of Apec Utima in approved shade (Complete in all specifications). 5gm. 480 14 Finishing wall with water proofing Apec Exterior paint manufacture and or required shade on undecorated wall surfaces (one coats to give an even shade after thorough) broking the surface to remove all did and remains of loose powdered materials including carriage of materials in all leads, lifts and height. 5gm. 480 14 Finishing wall with water proofing Apec Exterior paint manufacture and or required shade on undecorated wall surfaces (one coats to give an even shade after thorough) broking the surface to remove all did and remains of loose powdered materials including corring after to diverse brok of M30 Grade made in the submit store with store workstore (on particle dides) (shape laint) 5gm 40 12 Providing and thing GOUM thick factory made cement concrete interlocking paver block of M30 Grade made in the submit store with store workstore (on particle dides) (shape laint) 5gm 205 5UBTOTAL J CARRIED OVER TO SUMMARY OF CIVIL WORKS 5gm 205 205 TOTAL OF CIVIL WORK 200 201 205 11 MV. SWHCH GEARS & DISTRBUTION BOARDS: 201 201 205 12 MV. PANEL GOARDS: 201 201 201 201 14 MV. SWHCH GEARS & DISTRBUTION BOARDS: 201 201 201 | 13 | Finishing walls with textured paint of required shade: | | | | |
| with roler to give finetex ripples effect and top cost of Apex Utima in approved shade (Complete in all respect as per Alan Paints specifications). 480 14 Finishing wall with water proofing Apex Exterior paint manufacture and of required shade on undecorder of an analysis including carriage of materials in all leads, lifts and height. 59m. 480 14 Finishing wall with water proofing Apex Exterior paint manufacture and of required shade on undecorder of an analysis including carriage of materials in all leads, lifts and height. 59m. 40 14 Finishing and the finishing Admit the factor materials in all leads, lifts and height. 59m. 40 15 SUBTOTAL-I 10 10 16 SUBTOTAL-I 10 10 17 Providing and thing 40mm thick factory made cament concrete interlocking paver block of M30 Grade made provide and pattern over an including 50mm thick compacted bed course sand, filling the joints with Sqm 205 17 SUBTOTAL-I CARRIED OVER TO SUMMARY OF CIVIL WORKS 10 10 10 TOTAL OF CIVIL WORK 10 10 11 M.V.SWITCH GEAS & DISTRBUTION BOARDS: 10 10 12 M.V.SWITCH GEAS & DISTRBUTION BOARDS: 10 10 13 M.V.SWITCH GEAS & DISTRBUTION BOARDS: 10 10 14 M.V.SWITCH GEAS & DISTRBUTION BOARDS: 10 10 15 M.V.SWITCH GE | | | | | | |
| respect as per Asian Paints specifications.). Sqm. 480 14 Finishing wall with water proofing Apex Exterior paint manufacture and or required shade on undecorated wall surfaces (one costs) to give an even shade after throughly horishing the surface to remove all dirt and remains of loose powdered materials including carriage of materials in all leads, lifts and height. Sqm 40 Image: Substrate the substrate to the substrate to remove all dirt and substrate to the substrate to remove all dirt and substrate to the substrate to | -, | | | | | |
| 14 Finishing wall with water proofing Apex Exterior paint manufacture and of required shade on undecorated weak suffices (one costs) to give an even shade after throughly brushing the surface to remove all dirt and remains of loose powdered materials in cluding carriage of materials in all leads, lifts and height. Sqm 40 Subtornal colspan="2">Sqm 40 Subtornal colspan="2">Subtornal c | | | | 480 | | |
| will surfaces (one costs) to give an even shade after throughly brushing the surface to remove all dirt and remains of loose powdered materials in all leads, lifts and height. Segm 40 Section - J ExtERNAL DEVELOPMENT SubtotAL-1 Section - J ExtERNAL DEVELOPMENT Section - J ExtERNAL DEVELOPMENT 1 Providing and fixing Bolim thick factory made cement concrete interlocking paver block of M30 Grade made by block making machine with storony vibratory compaction and of approved size and design /shape laid in required colour and pattern over and including 50mm thick compacted bed course sand, filling the joints with coarse sand etc.all complete as per the direction Segm 205 SUBTOTAL-J CARRIED OVER TO SUMMARY OF CIVIL WORKS Segm Segm 205 TOTAL OF CIVIL WORK Segm Segm Segm Segm 10 M.V. SWITCH GEARS & DISTRIBUTION BOARDS: Segm Segm Segm Segm 11 M.V. SWITCH GEARS & DISTRIBUTION BOARDS: Segm | | respect as per Asian Paints specifications j. | Jqiii. | 400 | | |
| will surfaces (one costs) to give an even shade after throughly brushing the surface to remove all dirt and remains of loose powdered materials in all leads, lifts and height. Segm 40 Section - J ExtERNAL DEVELOPMENT SubtotAL-1 Section - J ExtERNAL DEVELOPMENT Section - J ExtERNAL DEVELOPMENT 1 Providing and fixing Bolim thick factory made cement concrete interlocking paver block of M30 Grade made by block making machine with storony vibratory compaction and of approved size and design /shape laid in required colour and pattern over and including 50mm thick compacted bed course sand, filling the joints with coarse sand etc.all complete as per the direction Segm 205 SUBTOTAL-J CARRIED OVER TO SUMMARY OF CIVIL WORKS Segm Segm 205 TOTAL OF CIVIL WORK Segm Segm Segm Segm 10 M.V. SWITCH GEARS & DISTRIBUTION BOARDS: Segm Segm Segm Segm 11 M.V. SWITCH GEARS & DISTRIBUTION BOARDS: Segm | 14 | Finishing well with water proofing Anex Exterior point, manufacture and of required shade on undecoroted | | | | |
| remains of loose powdered materials including carriage of materials in all leads, lifts and height. Sigm 40 Image: Subtronal content of the subtr | 14 | | | | | |
| Sign 40 SUBTOTAL-1 Image: Constraint of the second | | | | | | |
| SUBTOTAL-1 Image: Control of Subtromatic Control of Conten Control of Contr | | remains of loose powdered materialss including carriage of materials in all leads, lifts and neight. | C | 10 | | |
| SECTION-J EXTERNAL DEVELOPMENT Image: Control of Stream and State St | | | Sqm | 40 | | |
| SECTION-J EXTERNAL DEVELOPMENT Image: Control of Stream and State St | | | | | | |
| 1 Providing and fixing 50mm thick factory made cement concrete interlocking paver block of M30 Grade made by block making machine with strong vibratory compaction and of approved size and design /shape laid in required colour and pattern over and including 50mm thick compacted bed course sand, filling the joints with coarse sand etc.all complete as per the direction 205 SUBTOTAL-J CARRIED OVER TO SUMMARY OF CIVIL WORKS 205 IOTAL OF CIVIL WORK 205 INV. SWITCH GEARS & DISTRIBUTION BOARDS: 205 I.1 M.V. PANEL BOARDS: 205 Design, manufacture, supply, installation, testing and commissioning of following MV switchgear panels sutable for 415 V, 3 phase, 4 wire, 50 Hz power distribution system. The panel shall be, Indoor, free standing, floor mounting, sheet metal clad, cubicle, dead fornt, dust and vernin proof type compartmentalized design fabricated out of powder coated 14 SWG sheet steel (shade Siemens System), numbering, danger plate etc as required as per specifications and drawings. 205 I.1 MAL TRANEL (MUTP) 206 Incoming : 207 208 Interlop if feders shall be accommodated in a modular multiter arrangement and shall be interlocked to avoid paralleling. Adequate size cable ally, painting, numbering, danger plate etc as required as per specifications and drawings. 208 Intending : | | SUBTOTAL-I | | | | |
| 1 Providing and fixing 50mm thick factory made cement concrete interlocking paver block of M30 Grade made by block making machine with strong vibratory compaction and of approved size and design /shape laid in required colour and pattern over and including 50mm thick compacted bed course sand, filling the joints with coarse sand etc.all complete as per the direction 205 SUBTOTAL-J CARRIED OVER TO SUMMARY OF CIVIL WORKS 205 IOTAL OF CIVIL WORK 205 INV. SWITCH GEARS & DISTRIBUTION BOARDS: 205 I.1 M.V. PANEL BOARDS: 205 Design, manufacture, supply, installation, testing and commissioning of following MV switchgear panels sutable for 415 V, 3 phase, 4 wire, 50 Hz power distribution system. The panel shall be, Indoor, free standing, floor mounting, sheet metal clad, cubicle, dead fornt, dust and vernin proof type compartmentalized design fabricated out of powder coated 14 SWG sheet steel (shade Siemens System), numbering, danger plate etc as required as per specifications and drawings. 205 I.1 MAL TRANEL (MUTP) 206 Incoming : 207 208 Interlop if feders shall be accommodated in a modular multiter arrangement and shall be interlocked to avoid paralleling. Adequate size cable ally, painting, numbering, danger plate etc as required as per specifications and drawings. 208 Intending : | | | | | | |
| by block making machine with strong vibratory compaction and of approved size and design /shape laid in required colour and pattern over and including 50mm thick compacted bed course sand, filling the joints with coarse sand et.all complete as per the direction 205 SUBTOTAL-J CARRIED OVER TO SUMMARY OF CIVIL WORKS 205 TOTAL OF CIVIL WORK 205 (B) ELECTRICAL WORK 205 (B) ELECTRICAL WORK 205 (C) 205 205 | | SECTION- J EXTERNAL DEVELOPMENT | | | | |
| required colour and pattern over and including Somm thick compacted bed course sand, filling the joints with course sand etc.all complete as per the direction Som 205 SUBTOTAL-J CARRIED OVER TO SUMMARY OF CIVIL WORKS TOTAL OF CIVIL WORK IDELECTRICAL WORK IDELECTRICAL WORK IDELECTRICAL WORK | 1 | Providing and fixing 60mm thick factory made cement concrete interlocking paver block of M30 Grade made | | | | |
| required colour and pattern over and including Somm thick compacted bed course sand, filling the joints with course sand etc.all complete as per the direction Som 205 SUBTOTAL-J CARRIED OVER TO SUMMARY OF CIVIL WORKS TOTAL OF CIVIL WORK IDELECTRICAL WORK IDELECTRICAL WORK IDELECTRICAL WORK | | by block making machine with strong vibratory compaction and of approved size and design /shape laid in | | | | |
| coarse sand etc.all complete as per the direction Sqm 205 SUBTOTAL-J CARRIED OVER TO SUMMARY OF CIVIL WORKS Image: Complete as per the direction Image: Complete as per the direction TOTAL OF CIVIL WORK Image: Complete as per the direction Image: Complete as per the direction Image: Complete as per the direction (B) ELECTRICAL WORK Image: Complete as per the direction Image: Complete as per the direction Image: Complete as per the direction (B) ELECTRICAL WORK Image: Complete as per the direction system Image: Complete as per the direction Image: Complete as per the direction (Image: Complete as per the direction and commissioning of following MV switchgear panels suitable for 415 V, 3 phase, 4 wire, 50 hz power distribution system. The panel shall be, indoor, free tanding, foor mounting, sheet metal clad, cubic, dead ford, dust and vermin proof type compartmentalized design fabricated out of powder coated 14 SWG sheet steel (shade Siemens grey -RAL7032), complete with aluminium bus bars, separate earth bus bar to be provided through out the length of the panel. The incoming and outgoing feeders shall be accommodated in a modular multitier arrangement and shall be interlocked to avoid paralleling. Adequate size cable alley, painting, earthing, numbering, danger plate etc as required as per specifications and drawings. Image: Complete as per specification and commission of the complete as per specification and carwings. Image: Complete as per specification and commission of the complete as per specification and cubic din a modular multitier arrangement and shall be | | | | | | |
| SUBTOTAL-J CARRIED OVER TO SUMMARY OF CIVIL WORKS Image: Civit Work TOTAL OF CIVIL WORK Image: Civit Work (B) ELECTRICAL WORK Image: Civit Work Image: Civit Work Image: Civit Work Image: Ci | | | | 205 | | |
| TOTAL OF CIVIL WORK | | ····· p·····p······ | | | | |
| TOTAL OF CIVIL WORK | | | | | 1 | |
| (B) ELECTRICAL WORK I M.V. SWITCH GEARS & DISTRIBUTION BOARDS: 1.1 M.V. SWITCH GEARS & DISTRIBUTION BOARDS: 1.1 M.V. PANEL BOARDS: Design, manufacture, supply, installation, testing and commissioning of following MV switchgear panels suitable for 415 V, 3 phase, 4 wire, 50 Hz power distribution system. The panel shall be, Indoor, free standing, floor mounting, sheer metal clad, cubicle, dead from, dust and vernin proof type compartmentalized design fabricated out of powder coated 14 SWG sheet steel (shade Siemens grey -RAL7032), complete with aluminium bus bars, separate earth bus bar to be provided through out the length of the panel. The incoming and outgoing feeders shall be accombadted in a modular multifier arrangement and shall be interlocked to avoid paralleling. Adequate size cable alley, painting, earthing, numbering, danger plate etc as required as per specifications and drawings. L1.1 MAIN TPANEL (MITP) Incoming: 0ne (1) No. 100 A, 35 KA, 4P MCCB with neutral link. Metering & indication : 0ne (1) No. digital volt, current & Frequency (VAF) Meter with in built selector switch, 100A/5A CL-1.0,15VA CT-3 and control fuses. One set (3 nos.) phase indication lamps with fuses. 0 One (1) set of indication lamp for ON/OFF/TRIP of breaker. 0 Busbars: 0 Electrolytic high conductivity Aluminium three pole and neutral busbars rated at 300 amps having a maximum current density of 1 amp per Sqmm insulated with heat shrinkable PVC sleeves as shown in single line (dagram. | | | | | | |
| Image: | | | | | | |
| Image: | | | | | | |
| 1.1 M.V. PANEL BOARDS: | <u>(B)</u> | ELECTRICAL WORK | | | | |
| 1.1 M.V. PANEL BOARDS: | | | | | | |
| 1.1 M.V. PANEL BOARDS: | 1 | M.V. SWITCH GEARS & DISTRIBUTION BOARDS: | | | | |
| Design, manufacture, supply, installation, testing and commissioning of following MV switchgear panels suitable for 415 V, 3 phase, 4 wire, 50 Hz power distribution system. The panel shall be, Indoor, free standing, floor mounting, sheet metal clad, cubicle, dead front, dust and vermin proof type compartmentalized design fabricated out of powder coated 14 SWG sheet steel (shade Siemens grey -RAL7032), complete with aluminium bus bars, separate earth bus bar to be provided through out the length of the panel. The incoming and outgoing feeders shall be accommodated in a modular multitier arrangement and shall be interlocked to avoid paralleling. Adequate size cable alley, painting, earthing, numbering, danger plate etc as required as per specifications and drawings. 1.1.a MAIN LT PANEL (MLTP) Incoming : | 1.1 | | | | | |
| suitable for 415 V, 3 phase, 4 wire, 50 Hz power distribution system. The panel shall be, Indoor, free standing, floor mounting, sheet metal clad, cubicle, dead front, dust and vermin proof type compartmentalized design fabricated out of powder coated 14 SWG sheet steel (shade Siemens grey -RAL7032), complete with aluminium bus bars, separate earth bus bar to be provided through out the length of the panel. The incoming and outgoing feeders shall be accommodated in a modular multitier arrangement and shall be interlocked to avoid paralleling. Adequate size cable alley, painting, earthing, numbering, danger plate etc as required as per specifications and drawings. 1.1.a MAIN LT PANEL (MLTP) Incoming : One (1) No. 100 A, 35 KA, 4P MCCB with neutral link. Metering & indication : One (1) No. 100 A, 35 KA, 4P MCCB with neutral link. Metering & indication : One (1) No. digital volt, current & Frequency (VAF) Meter with in built selector switch, 100A/5A CL-1.0,15VA CTs and control fuses. One set (3 nos.) phase indication lamps with fuses. One (1) set of indication lamps for ON/OFF/TRIP of breaker. Busbars: Electrolytic high conductivity Aluminium three pole and neutral busbars rated at 300 amps having a maximum current density of 1 amp per Sqmm insulated with heat shrinkable PVC sleeves as shown in single line diagram. | | | | | | |
| suitable for 415 V, 3 phase, 4 wire, 50 Hz power distribution system. The panel shall be, Indoor, free standing, floor mounting, sheet metal clad, cubicle, dead front, dust and vermin proof type compartmentalized design fabricated out of powder coated 14 SWG sheet steel (shade Siemens grey -RAL7032), complete with aluminium bus bars, separate earth bus bar to be provided through out the length of the panel. The incoming and outgoing feeders shall be accommodated in a modular multitier arrangement and shall be interlocked to avoid paralleling. Adequate size cable alley, painting, earthing, numbering, danger plate etc as required as per specifications and drawings. 1.1.a MAIN LT PANEL (MLTP) Incoming : One (1) No. 100 A, 35 KA, 4P MCCB with neutral link. Metering & indication : One (1) No. 100 A, 35 KA, 4P MCCB with neutral link. Metering & indication : One (1) No. digital volt, current & Frequency (VAF) Meter with in built selector switch, 100A/5A CL-1.0,15VA CTs and control fuses. One set (3 nos.) phase indication lamps with fuses. One (1) set of indication lamps for ON/OFF/TRIP of breaker. Busbars: Electrolytic high conductivity Aluminium three pole and neutral busbars rated at 300 amps having a maximum current density of 1 amp per Sqmm insulated with heat shrinkable PVC sleeves as shown in single line diagram. | | Design, manufacture, supply, installation, testing and commissioning of following MV switchgear panels | | | | |
| floor mounting, sheet metal clad, cubicle, dead front, dust and vermin proof type compartmentalized design fabricated out of powder coated 14 SWG sheet steel (shade Siemens grey -RAL7032), complete with aluminium bus bars, separate earth bus bar to be provided through out the length of the panel. The incoming and outgoing feeders shall be accommodated in a modular multitier arrangement and shall be interlocked to avoid paralleling. Adequate size cable alley, painting, earthing, numbering, danger plate etc as required as per specifications and drawings. MAIN LT PANEL (MLTP) Incoming : One (1) No. 100 A, 35 KA, 4P MCCB with neutral link. Metering & indication : One (1) No. digital volt, current & Frequency (VAF) Meter with in built selector switch, 100A/5A CL-1.0,15VA CTs and control fuses. One (1) set of indication lamps with fuses. One (1) set of indication lamp for ON/OFF/TRIP of breaker. Busbars: Electrolytic high conductivity Aluminium three pole and neutral busbars rated at 300 amps having a maximum current density of 1 amp per Sqmm insulated with heat shrinkable PVC sleeves as shown in single line diagram. | | | | | | |
| fabricated out of powder coated 14 SWG sheet steel (shade Siemens grey -RAI7032), complete with aluminium bus bars, separate earth bus bar to be provided through out the length of the panel. The incoming and outgoing feeders shall be accommodated in a modular multitier arrangement and shall be interlocked to avoid paralleling. Adequate size cable alley, painting, earthing, numbering, danger plate etc as required as per specifications and drawings. 1.1.a MAIN LT PANEL (MLTP) Incoming : One (1) No. 100 A, 35 KA, 4P MCCB with neutral link. One (1) No. 100 A, 35 KA, 4P MCCB with neutral link. Image: Complexity of 1 amp per Sqmm insulated with heat shrinkable PVC sleeves as shown in single line diagram. | | | | | | |
| aluminium bus bars, separate earth bus bar to be provided through out the length of the panel. The incoming and outgoing feeders shall be accommodated in a modular multitier arrangement and shall be interlocked to avoid paralleling. Adequate size cable alley, painting, earthing, numbering, danger plate etc as required as per specifications and drawings. MAIN IT PANEL (MLTP) Incoming : One (1) No. 100 A, 35 KA, 4P MCCB with neutral link. Metering & indication : One (1) No. digital volt, current & Frequency (VAF) Meter with in built selector switch, 100A/5A CL-1.0,15VA One (1) No. digital volt, current & Frequency (VAF) Meter with in built selector switch, 100A/5A CL-1.0,15VA One set (3 nos.) phase indication lamps with fuses. One (1) set of indication lamp for ON/OFF/TRIP of breaker. Busbars: Electrolytic high conductivity Aluminium three pole and neutral busbars rated at 300 amps having a maximum current density of 1 amp per Sqmm insulated with heat shrinkable PVC sleeves as shown in single line diagram. | | | | | | |
| and outgoing feeders shall be accommodated in a modular multitier arrangement and shall be interlocked to avoid paralleling. Adequate size cable alley, painting, earthing, numbering, danger plate etc as required as per specifications and drawings. MAIN LT PANEL (MLTP) Incoming : One (1) No. 100 A, 35 KA, 4P MCCB with neutral link. Metering & indication : One (1) No. digital volt, current & Frequency (VAF) Meter with in built selector switch, 100A/5A CL-1.0,15VA One set (3 nos.) phase indication lamps with fuses. One (1) set of indication lamp for ON/OFF/TRIP of breaker. Busbars: Electrolytic high conductivity Aluminium three pole and neutral busbars rated at 300 amps having a maximum current density of 1 amp per Sqmm insulated with heat shrinkable PVC sleeves as shown in single line diagram. | | | | | | |
| avoid paralleling. Adequate size cable alley, painting, earthing, numbering, danger plate etc as required as per specifications and drawings. | | | | | | |
| per specifications and drawings. Image: Constraint of the specification of the specificat | | | | | | |
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| One (1) No. digital volt, current & Frequency (VAF) Meter with in built selector switch, 100A/5A CL-1.0,15VA | | One (1) No. 100 A, 35 KA, 4P MCCB with neutral link. | | | | |
| One (1) No. digital volt, current & Frequency (VAF) Meter with in built selector switch, 100A/5A CL-1.0,15VA | | | | | | |
| CTs and control fuses. Image: CTs and control fuses. Image: CTs and control fuses. One set (3 nos.) phase indication lamps with fuses. Image: CTs and Control fuses. Image: CTs and Control fuses. One (1) set of indication lamp for ON/OFF/TRIP of breaker. Image: CTs and Control fuses. Image: CTs and Control fuses. Busbars: Electrolytic high conductivity Aluminium three pole and neutral busbars rated at 300 amps having a maximum current density of 1 amp per Sqmm insulated with heat shrinkable PVC sleeves as shown in single line diagram. Image: CTs and CTs an | | | | | | |
| CTs and control fuses. Image: CTs and control fuses. Image: CTs and control fuses. One set (3 nos.) phase indication lamps with fuses. Image: CTs and Control fuses. Image: CTs and Control fuses. One (1) set of indication lamp for ON/OFF/TRIP of breaker. Image: CTs and Control fuses. Image: CTs and Control fuses. Busbars: Electrolytic high conductivity Aluminium three pole and neutral busbars rated at 300 amps having a maximum current density of 1 amp per Sqmm insulated with heat shrinkable PVC sleeves as shown in single line diagram. Image: CTs and CTs an | | Metering & indication : | | | | |
| One set (3 nos.) phase indication lamps with fuses. Image: Constant indication lamp for ON/OFF/TRIP of breaker. One (1) set of indication lamp for ON/OFF/TRIP of breaker. Image: Constant indication lamp for ON/OFF/TRIP of breaker. Busbars: Image: Constant indication lamp for ON/OFF/TRIP of breaker. Image: Constant indication lamp for ON/OFF/TRIP of breaker. Electrolytic high conductivity Aluminium three pole and neutral busbars rated at 300 amps having a maximum current density of 1 amp per Sqmm insulated with heat shrinkable PVC sleeves as shown in single line diagram. Image: Constant indication lamp for ON/OFF/TRIP of breaker. | | | | | | |
| One (1) set of indication lamp for ON/OFF/TRIP of breaker. Image: Constraint of the constrai | | One (1) No. digital volt, current & Frequency (VAF) Meter with in built selector switch, 100A/5A CL-1.0,15VA | | | | |
| Busbars: Image: Constraint of the second | | One (1) No. digital volt, current & Frequency (VAF) Meter with in built selector switch, 100A/5A CL-1.0,15VA CTs and control fuses. | | | | |
| Electrolytic high conductivity Aluminium three pole and neutral busbars rated at 300 amps having a maximum current density of 1 amp per Sqmm insulated with heat shrinkable PVC sleeves as shown in single line diagram. | | One (1) No. digital volt, current & Frequency (VAF) Meter with in built selector switch, 100A/5A CL-1.0,15VA CTs and control fuses. One set (3 nos.) phase indication lamps with fuses. | | | | |
| maximum current density of 1 amp per Sqmm insulated with heat shrinkable PVC sleeves as shown in single line diagram. | | One (1) No. digital volt, current & Frequency (VAF) Meter with in built selector switch, 100A/5A CL-1.0,15VA CTs and control fuses. One set (3 nos.) phase indication lamps with fuses. One (1) set of indication lamp for ON/OFF/TRIP of breaker. | • | | | |
| line diagram. | | One (1) No. digital volt, current & Frequency (VAF) Meter with in built selector switch, 100A/5A CL-1.0,15VA CTs and control fuses. One set (3 nos.) phase indication lamps with fuses. One (1) set of indication lamp for ON/OFF/TRIP of breaker. Busbars: | | | | |
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| | | One (1) No. digital volt, current & Frequency (VAF) Meter with in built selector switch, 100A/5A CL-1.0,15VA CTs and control fuses. One set (3 nos.) phase indication lamps with fuses. One (1) set of indication lamp for ON/OFF/TRIP of breaker. Busbars: Electrolytic high conductivity Aluminium three pole and neutral busbars rated at 300 amps having a maximum current density of 1 amp per Sqmm insulated with heat shrinkable PVC sleeves as shown in single | | | | |
| loxPoulb. | | One (1) No. digital volt, current & Frequency (VAF) Meter with in built selector switch, 100A/5A CL-1.0,15VA CTs and control fuses. One set (3 nos.) phase indication lamps with fuses. One (1) set of indication lamp for ON/OFF/TRIP of breaker. Busbars: Electrolytic high conductivity Aluminium three pole and neutral busbars rated at 300 amps having a maximum current density of 1 amp per Sqmm insulated with heat shrinkable PVC sleeves as shown in single line diagram. | | | | |



| C No. | Description of these | 11.11 | | Data (Da) | A |
|------------|---|--------------|-----|-----------|---------------|
| | Description of Item | Unit | Qty | Rate (Rs) | Amount (Rs) |
| | Eight (4) nos. 63 4P MCBs(10KA). | Set | 2 | | |
| 1.1.b | All MCCBs shall be adjustable thermal magnetic type. Lockable vacant chambers for installation of 5 nos. KWH energy meters as per requirement of power supply authority. (Energy meters shall be supplied by power supply authority). Required sizes of flexible wires with lugs from bus bar chamber to meter compartment shall be supplied by panel supplier. | | 10 | | |
| 1.2 | DISTRIBUTION BOARDS : Supply of following double door type distribution boards fabricated out of 16 SWG, CRCA sheet steel | | | | |
| | recessed in wall or surface mounted. | | | | |
| | LPDB (for Flats) | | | | |
| - | Incoming: One (1) 63 Amp 4P MCB 10 KA as incomer | | | | |
| - | Three (3) nos. 63A DP RCCB (100mA sensitivity) on each phase. | | | | |
| | Outgoing: Twenty four (24) nos 6/10/16A SP MCBs, 10 KA. | Set | 9 | | |
| | Twenty Tour (24) 1105 6/ 10/ 10A 3P MICBS, 10 NA. | Sei | 9 | | |
| 1.2.2 | LPDB (For Lift) | | | | |
| 1.2.2 | Incoming: | | | | |
| - | One (1) 63 Amp 4P MCB 10 KA as incomer | | | | |
| | One (1) 63 Amp 4P 300MA RCCB as incomer | | | | |
| - | Three (3) nos. 63A DP RCCB (100mA sensitivity) on each phase. | | | | |
| | Outgoing: | | | | |
| | Twelve (12) nos 6/10/16A SP MCBs, 10 KA. | Set | 2 | | |
| | | | | | |
| | TOTAL OF M V SWITCH GEARS & DISTRIBUTION BOARDS CARRIED OVER TO SUMMARY OF ELECTRICAL WORKS | Rs. | | | |
| 2) | WIRING : | | | | |
| | Point Wiring : | | | | |
| | Supplying, wiring, testing and commissioning for lights, ceiling fans, exhaust fans and 6 A socket outlets (where 6 A socket connected to lighting circuit) using 1.5 Sqmm stranded copper, 1100 volts grade, PVC insulated wires drawn through, PVC conduit including laying of conduits in a concealed/ surface manner using necessary conduit accessories, junction boxes, switch outlet boxes, switch plates, bends, collars, clamps, 6/16 A, one way/ Two way switches, fan regulator boxes, etc. shall be flush mounted in brick wall or on the surface of wall for surface installation as required. | | | | |
| | The rate for point wiring (using 2 Nos. 1.5 Sqmm 1100 V grade PVC insulated copper wires for phase & 1 No. 1.5 Sq.mm copper conductor wire for earth) shall include the circuit wiring (using 2.5 Sqmm, 1100 V grade PVC insulated copper wires) from the DB up to the first light/fan/6 A convenience socket outlet control switch on wards to light/fan then the looping between switches /lights /fans /6 A socket etc. The circuit wiring will not be paid separately. However where the lights are controlled directly from DB without local control switch, the quoted rates shall not include cost of switches/MCB etc. | | | | |
| -) | Also the rate shall include earthing of each light, fan outlet boxes, switches, switch plates, switch control boxes, 6A sockets using 1.5 Sqmm copper, PVC insulated wires and flexible conduit from junction box to the fitting as required. | | | | |
| a) | Primary light point i.e. one light controlled by one switch or first light in the group in which more than one | | 400 | | |
| L) | lights are controlled by one switch. | Nos. | 400 | | |
| b) c) | Primary light point directly controlled by existing MCB in DB. Secondary light points (Looped light points from Primary light points) | Nos. Nos. | 200 | | |
| d) | Light points controlled by 2 Nos 2 way switch. | 1403. | 32 | | |
| <u> </u> | One 6 Amps, 2/3 pin switched socket outlet controlled by one 6 Amps switch. | Nos. | 100 | | |
| f) | Additional 6Amps switched socket outlet to be fixed to adjacent to above item in same box. | Nos. | 16 | | |
| g) | | | | | |
| | Exhaust fan point controlled by a 6A switch on the switch board and 6 A socket outlet near exhaust fan. | Nos. | 32 | | |
| k) | Ceiling fan point controlled by a 6A switch on the switch board and stepped fan regulator. | Nos. | 10 | | |
| | Wiring for 6/16 Amp power outlet with 4 Sqmm PVC insulated stranded copper conductor wires in recessed/surface PVC conduit including cutting/filling chases, providing conduit with conduit accessories, saddles supply and fixing of 6 pin 6/16 Amps shuttered switched socket with internal wiring in G.I. box, earthing of 3rd pin with PVC insulated, green colour 2.5 Sq.mm copper wire, complete with all accessories as required. (Not more than two outlets shall be wired in one circuit). | | 202 | | |
| 2.3 | Wiring for 6 Amp socket outlet with 2.5 Sqmm PVC insulated stranded copper conductor wires in recessed/surface PVC conduit including cutting/filling chases, providing conduit with conduit accessories, saddles supply and fixing of 2/3 pin 6 Amps shuttered switched socket with internal wiring in G.I. box, earthing of 3rd pin with PVC insulated, green colour 1.5 Sq.mm copper wire, complete with all accessories as required. (Not more than eight outlets shall be wired in one circuit). | | 140 | | |
| 2.4 | PVC Conduit : | | | | |
| | Supplying and installation of following sizes of PVC conduit in recess/ on surface including all accessories, saddles, M.S. junction/ pull boxes, G.I. fish wire, fixing hardware etc including chasing the wall/floor and making aged the damages atc. complete as complete as | | | | |
| a) | plastering the chased portion and making good the damages etc., complete as required. 25 mm dia | RM | 700 | | |
| · · · | 32 mm dia | RM | 700 | | <u> </u> |
| · · · · | 38 mm dia | RM | 75 | | |
| | 50 mm dia | RM | 200 | | |
| 2.5 | Wiring | | | | |
| | Supply and drawing of following sizes of PVC insulated stranded copper conductor wires of 1100 Volts grade | | | | |
| <u> </u> | in existing conduit including connection/termination etc as required. | | | | |
| a) | 4x25+2x16 Sqmm | RM | 350 | | |
| | TOTAL OF INTERNAL WIRING | Rs. | | | |
| <u> </u> | | | | | |
| | CABLES: | | | | |
| | 1.1 KV Cabling | | | | |
| | Supply installation, testing and commissioning of following sizes of PVC sheathed PVC/XLPE insulated Aluminium conductor / copper conductor power / multicore control armoured cable of 1.1 KV grade on wall, or in existing cable tray /masonry ducts/hume pipe with fixing hardware etc or 750 mm below ground, including excavation for trench , sand cushioning, brick covering etc. refilling the riddled earth, reaming & | | | | |
| | depositing excess earth as required. | | | | |



| | | | - | | |
|---------------|---|---------------------|----------|-----------|---------------|
| S.Nos. | Description of Item | Unit | Qty | Rate (Rs) | Amount (Rs) |
| a) | 4 C x 10 Sqmm copper conductor XLPE insulated armored cable | RM | 250 | | |
| a) | 3.5 C x 35 Sqmm Aluminium conductor XLPE insulated armored cable | RM | 50 | | |
| 3.2 | Cable Termination | | | | |
| | Supply and making end termination with brass double compression glands for the following PVC insulated | | | | |
| | PVC sheathed & armoured 1100 V grade cable including cost of crimping lugs/ferrules, compression glands, | | | | |
| | solder, cable sockets, insulation tape etc complete as required. | | | | |
| a) | 4 C x 10 Sqmm copper condutor XLPE insulated armored cable | Nos. | 40 | | |
| b) | 3.5 C x 35 Sqmm Aluminium conductor XLPE insulated armored cable | Nos. | 2 | | |
| | | | | | |
| | TOTAL OF CABLES | Rs. | | | |
| 4) | EARTHING : | | | | |
| 4.1 | EARTHING : | | | | |
| | | | - | | |
| a) | Supply, installation, testing and commissioning of Copper plate earthing stations making earth pits, earthing | | | | |
| | | | | | |
| | with copper earth plate 600 mm x 600 mm x 3 mm thick including funnel, char-coal/coke, salt, all earth | | | | |
| | work. Providing masonry enclosure with 10 mm thick C.I. cover plate having locking arrangement and | | | | |
| | watering pipe, disconnecting/ testing links etc as per IS –3043 complete as required. | Nos. | 8 | | |
| 4.2 | Earthing Strip/Wires | | | | |
| | | | | | |
| | Supply, laying, fixing & terminating of following sizes of Cu/GI strip/wire clamped to walls, cable trays etc for | | | | |
| | equipment/ System earthing complete as required including inter connection between length at joints, all | | | | |
| | fixing accessories saddles, clamps etc and other fixing hardware material as required for proper installation. | | | | |
| a) | 30 x 5 mm Gl strip | RM | 100 | | |
| b) | 8 SWG copper EARTH wire along with apartmentt/ lift cables | RM | 500 | | |
| - | TOTAL OF EARTHING CARRIED OVER TO SUMMARY OF ELECTRIC WORKS | Rs. | | | |
| 5 | | | | | |
| <u>ر</u> | | - | 1 | | |
| | Supply Accompling installation testing & commissioning of following two of light fintures and free all | | | | |
| | Supply ,Assembling, installation, testing & commissioning of following type of light fixtures and fans. All | | | | |
| | fixtures shall be provided with power factor improvement capacitors, electronic control gear & lamps as per | | | | |
| | requirements and installation arrangement using proper support etc. complete as required. | | | | |
| a) | HAVELLS wall bracket 1 NX9W LED Lamp LHFOAJE1TZ1I060 | Nos. | 32 | | |
| b) | HAVELLS wall bracket 2 NX9W LED Lamp LHFOAJE2TZ1I060 | Nos. | 32 | | |
| c) | HAVELLS Trim Round Surface accessories | Nos. | 32 | | |
| i | Surface Module Trim Plus 6 W ,LSSLNW0129 | Nos. | 64 | | |
| ii | Surface Module Trim Plus 9W ,LSSLNW0131 | Nos. | 32 | | |
| iii | Surface Module Trim Plus18W ,LSSLNW0133 | Nos. | 32 | | |
| d) | HAVELLS Clipon LED Panel Round | Nos. | 32 | | |
| i | | Nos. | 32 | | |
| | Surface Mounted clipon light 6 W LED 4000 K, LHEAABP6IL1E006 | | | | |
| ii | Surface Mounted clipon light 12 W LED 4000 K, LHEAABP6IL1E0012 | Nos. | 32 | | |
| iii | Surface Mounted clipon light 18 W LED 3000 K, LHEAABP5IL1E0018 | Nos. | 32 | | |
| e) | HAVELLS recessed down light 3 W LED 3000 K LHEEAQPBIB1W003 (Crysta Neo COB Swivel) | Nos. | 32 | | |
| f) | HAVELLS recessed down light 6 W LED 6500 K LHEEAQPFIB1W006 (Crysta Neo COB Swivel) | Nos. | 32 | | |
| g) | HAVELLS recessed down light 12W LED 6500 K LHEEAQPFIB1W012 (Crysta Neo COB Swivel) | Nos. | 32 | | |
| h) | HAVELLS recessed down light 3 W LED 3000 K LHEBADP5IZ1W003 | Nos. | 32 | | |
| i) | HAVELLS recessed down light 6 W LED 6500 K LHEBADP7IZ1W006 | Nos. | 32 | | |
| j) | HAVELLS recessed down light 12W LED 6500 K LHEBADP7IZ1W012 | Nos. | 32 | | |
| k) | HAVELLS Mirror light LED Batten 20 W 4000 K , LHLDESAARANB020 | Nos. | 32 | | |
| 1) | HAVELLS LED Pride Plus Neo Batten 40 W 6500 K Alluminium Batten, LHEXACP7IN1J040 | Nos. | 32 | | |
| " | | 1403. | 52 | | |
| | Providing installing testing and commissioning of are wired Elevible LED String HAVELLS, 24MAy 4000 K | | | | |
| m) | Providing, installing, testing and commissioning of pre-wired Flexible LED Strip ,HAVELLS, 24Ww 4000 K | | | | |
| <u> </u> | 5m,LHEHDLP6UN1W024 | EACH | 32 | | |
| n) | Providing, installing, testing and commissioning of Driver for LED STRIP 12 V 2 A Driver, | | | | |
| | LSSLNW0150/LHFXBGNNIN1W024 | EACH | 32 | | |
| o) | Supply & fixing 225mm dia 900 rpm exhaust fan with louvre shutter including necessary connecting wire & | | | | |
| | hardware such as clamps,nuts, bolts, nails, screws as required | Nos. | 16 | | |
| p) | | | | | |
| | Supply & fixing of 1200mm sweep ceiling fan including necessary connecting wire & hardware such as | i | | | |
| | clamps,nuts, bolts, nails, screws and suspension rod as required for fixing the ceiling fan in position as | | | | |
| | directed | Nos. | 80 | | |
| u | Providing and fixing 600mm wide elecric chimney Faber make and HOOD MERCURY IN HC SC BK BF | | | | |
| | 600mm wide with suction 1200m3 /hr | Each | 16 | | |
| | TOTAL OF LIGHTING FIXTURES, ELECTRICAL HOOD AND FANS CARRIED OVER TO | | | 1 | |
| | | | | | |
| | SUMMARY OF ELECTRICAL WORKS | Rs. | | | |
| | | | | | |
| 6 | DATA / VOICE WIRING SYSTEM : | | | | |
| | CONDUITING | | | | |
| 6.1 | | | | | |
| | Supplying and installation of following sizes of PVC conduit in recess/ on surface including all accessories, | | | | |
| | M.S. junction/ pull boxes, G.I. fish wire, fixing hardware etc including chasing the wall/floor and plastering | | | | |
| | the chased portion and making good the damages etc., complete as required. | 1 | | | |
| <u> </u> | 25 mm dia | RM | 600 | | |
| 6.2 | Wiring | | 000 | | |
| 0.2 | Wiring Supplying and drawing of following size PVC insulated PVC sheathed annealed tinned copper conductor 0.61 | | + | | |
| | | | | | |
| | mm dia telephone wires conforming to ITD-S/SW-113B in existing PVC conduit/G.I. pipe/ cable trays/ hume | | | | |
| | pipes etc complete as required. | | | | |
| | 2Pair | RM | 1500 | | |
| - / | | | 1 | | |
| 6.3 | Telephone Socket Outlet | | | | |
| 6.3 | Telephone Socket Outlet Supply and installation of plug - in type telephone socket outlet (RJ-11) with G.I.outlet box and cover plate | | | | |
| 6.3 | Telephone Socket Outlet Supply and installation of plug - in type telephone socket outlet (RJ-11) with G.I.outlet box and cover plate complete as required. | | | | |
| 6.3 a | Telephone Socket Outlet Supply and installation of plug - in type telephone socket outlet (RJ-11) with G.I.outlet box and cover plate | Nos. | 32 | | |
| 6.3 a b | Telephone Socket Outlet Supply and installation of plug - in type telephone socket outlet (RJ-11) with G.I.outlet box and cover plate complete as required. | | 32 32 | | |
| a | Telephone Socket Outlet Supply and installation of plug - in type telephone socket outlet (RJ-11) with G.I.outlet box and cover plate complete as required. Single plug in type. | Nos. | | | |
| a | Telephone Socket Outlet Supply and installation of plug - in type telephone socket outlet (RJ-11) with G.I.outlet box and cover plate complete as required. Single plug in type. Double plug in type. | Nos. | | | |
| a | Telephone Socket Outlet Supply and installation of plug - in type telephone socket outlet (RJ-11) with G.I.outlet box and cover plate complete as required. Single plug in type. Double plug in type. TOTAL OF DATA/VOICE WIRING SYSTEM CARRIED OVER TO SUMMARY OF ELECTRICAL | Nos. Nos. | | | |
| a | Telephone Socket Outlet Supply and installation of plug - in type telephone socket outlet (RJ-11) with G.I.outlet box and cover plate complete as required. Single plug in type. Double plug in type. | Nos. | | | |
| a | Telephone Socket Outlet Supply and installation of plug - in type telephone socket outlet (RJ-11) with G.I.outlet box and cover plate complete as required. Single plug in type. Double plug in type. TOTAL OF DATA/VOICE WIRING SYSTEM CARRIED OVER TO SUMMARY OF ELECTRICAL | Nos. Nos. | | | |
| a | Telephone Socket Outlet Supply and installation of plug - in type telephone socket outlet (RJ-11) with G.I.outlet box and cover plate complete as required. Single plug in type. Double plug in type. TOTAL OF DATA/VOICE WIRING SYSTEM CARRIED OVER TO SUMMARY OF ELECTRICAL WORKS CCTV SYSTEM : | Nos. Nos. Rs. | | | |
| a b | Telephone Socket Outlet Supply and installation of plug - in type telephone socket outlet (RJ-11) with G.I.outlet box and cover plate complete as required. Single plug in type. Double plug in type. TOTAL OF DATA/VOICE WIRING SYSTEM CARRIED OVER TO SUMMARY OF ELECTRICAL WORKS | Nos. Nos. Rs. | | | |
| a b 7 | Telephone Socket Outlet Supply and installation of plug - in type telephone socket outlet (RJ-11) with G.I.outlet box and cover plate complete as required. Single plug in type. Double plug in type. TOTAL OF DATA/VOICE WIRING SYSTEM CARRIED OVER TO SUMMARY OF ELECTRICAL WORKS CCTV SYSTEM : | Nos. Nos. Rs. | | | |



| | | | - | | |
|------|---|--------------|------|-----------|---------------|
| | Description of Item | Unit | Qty | Rate (Rs) | Amount (Rs) |
| b) | Supply, Installation, Testing & Commissioning of 12 channel DVR, 100 FPS Display,100 FPS recording,500 GB HDD, MPEG compression format, with TCP / IP, Internet, LAN, WAN connectivity. | | 2 | | |
| c) | Supply, Installation, Testing & Commissioning of 21" LCD monitor with Keyboard and mouse. | Nos. Nos. | 2 | | |
| | Supply, instantiation, resump a commissioning of 21 cob monthly with the board and mode. Supply and laying of RG 6 tinned copper conductor co-axial cable in existing conduit. | RMT | 1500 | | |
| | | | | | |
| | TOTAL OF CCTV SYSTEM CARRIED OVER TO SUMMARY OF ELECTRICAL WORKS | Rs. | | | |
| | | | | | |
| | | | | | |
| | TOTAL OF E&M ITEMS | | | | |
| (0) | PLUMBING WORK | | | | |
| (0) | PLOWBING WORK | | | | |
| | SUB HEAD I - SANITARY FIXTURE & FITTINGS | | | | |
| | | | | | |
| 1.01 | | | | | |
| | Providing and fixing white vitreous china extended wall hung Water Closet of size 380x630x760 mm of | | | | |
| | approved shape, with PP soft close seat cover, hinges, Accessories set Including providing and fixing vitreous | | | | |
| | china cistern with duel flush fitting, of flushing capacity, and cistern fitting, nuts, boltsand gasket etc complete.(MODEL NO - CNS-WHT -353SPPSMZ JAQUAR MAKE or approved equivalent) | Each | 32 | | |
| | | Lacii | 52 | | |
| 1.02 | Providing & Fixing white vitreous china wash basin for under counter mounting, specially fabricated | | | | |
| | brackets, painted white, 32mm C.P.waste, connection pipe & rubber adopter for waste connection, | | | | |
| | complete including cutting and making good the walls, wherever required. (CAT NO CNS-WHT-705 or | | | | |
| | approved equivalent) | Each | 16 | | |
| 1 02 | Providing and fixing table top wash basin with CI/MS brackets/Fastners, equivalent approved, 32mm CP | | | | |
| 1.05 | brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the | | | | |
| | walls wherever require. (CAT NO CNS-WHT-905 or approved equivalent) | Each | 16 | | |
| | | | | | |
| 1.03 | Providing and fixing stainless steel A ISI 304 (18/8) kitchen sink as per I.S.13983 with C.I. Brackets, stainless | | | | |
| | steel plug 40mm including painting of fittings and brackets cutting and making good the walls wherever | | | | |
| - 1 | required. | | | | |
| a) | Kitchen sink with drain board 510x1040 mm bowl depth 250mm | Each | 16 | | |
| | | Lacii | 10 | | |
| | Providing and fixing PTMT Bottle trap for wash basin, sink & urinal . | | | | |
| 1.04 | Bottle trap 31mm single piece moulded with height of 270mm, effective length of tail pipe 260mm from the | | | | |
| | centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than | | | | |
| | 260gms. | Each | 32 | | |
| 1.05 | 600mm long towel rack with total length of 600mm, width 78 mm effective height of 88 mm, weighing not | | | | |
| 1.05 | less than 190grms. (MODEL NO - AKP-35781PF JAQUAR MAKE or approved equivalent) | | | | |
| | | Each | 32 | | |
| | | | | | |
| 1.06 | Providing & fixing C.P brass Long Body bib cock of approved quality and weighing not less than 690gms. | | | | |
| | (MODEL NO - CON-107KN JAQUAR MAKE or approved equivalent) | | | | |
| a) | 15 mm nominal bore | Each | 32 | | |
| 1.07 | Providing & fixing uplasticised PVC connection pipe with brass unions | | | | |
| | 45 cm length | | | | |
| | 15 mm nominal bore | Each | 144 | | |
| | | | | | |
| 1.08 | Providing and fixing C.P. brass angle valve 15mm dia for basin mixer and gyser points of approved quality | | | | |
| | conforming to IS : 8931 . (MODEL NO - CON-059KN JAQUAR MAKE or approved equivalent) | | | | |
| | 15mm nominal bore | Each | 144 | | |
| | | | | | |
| 1.09 | Providing & fixing PTMT soap Dish Holder having length of 138 mm, breadth 102 mm, height of 75 mm with | | | | |
| | concealed fitting arrangements . Weighing not less than 106 gms. | Each | 32 | | |
| | | | | | |
| 1.10 | Providing and fixing of CP Brass shower rose with 15 or 20 mm inlet: | Each | 22 | | |
| | 100 mm diameter (MODEL NO - OHS -1989 JAQUAR MAKE or approved equivalent) | Each | 32 | | |
| 1.11 | Providing & fixing stop cock of approved quality and colour | | | | |
| | Concealed Stop cock, 15mm nominal bore, 108mm long, weighing not less than 108gms. (MODEL NO - CON - | | | | |
| | 087KN JAQUAR MAKE or approved equivalent) | Each | 32 | | |
| 1.12 | Draviding 9, fiving 600 v 450mm haveled adapt miners of superior along (of supervisition along the base to a st | | | | |
| 1.12 | Providing & fixing 600 x 450mm beveled edge mirror of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. | | | | |
| | onni thek hard board Broand fixed to wooden cleats with C.F. brass screws did washers complete. | Each | 32 | | |
| | | | | | |
| 1.13 | Providing and fixing Health faucet in PVC Flexible Tube with wall hook (jaguar-ALD -CHR-593N or approved | | | | |
| | equivalent) | Each | 32 | | |
| | Description O. Extens High State Disenten for the construct of the efficiency of the state of the state of the | | | | |
| 1.14 | Providing & Fixing High-flow Diverter for shower including all fittings and connections complete as required. | | | | |
| i | Single lever exposed parts kit of hi-flow diverter (model no, COP-079NKPM JAQUAR or equivalent). | | | | |
| | | Each | 32 | | |
| ii | Concealed body for single lever hi-flow diverter (model no, ALD-079N JAQUAR or equivalent). | Each | 32 | | |
| | | | | | |
| 1.15 | Providing and Fixing wall mounted single lever sink mixer with connecting legsand wall wall flanges and | | | | |
| | swinging spout complete, including cutting and making good the walls wherever required. (MODEL NO - COP-309PM JAQUAR MAKE or approved equivalent) | Each | 16 | | |
| | | Lauli | 10 | | |
| 1.16 | Providing and Fixing Two way bib cock complete, including cutting and making good the walls wherever | | | | |
| | required. (MODEL NO - CON-041KN JAQUAR MAKE or approved equivalent) | Each | 32 | | |
| | | | | | |
| | | | | 1 | |
| 1.17 | Providing and ixing hot water Geyser 25ltr capacity of 5 star BEE rating complete in all respect including | | | | |
| 1.17 | Providing and ixing hot water Geyser 25ltr capacity of 5 star BEE rating complete in all respect including cutting and making good the walls wherever required as per approval of engineer in charge. | Each | 32 | | |



| S.Nos. | Description of Item | Unit | Qty | Rate (Rs) | Amount (Rs) |
|----------|--|----------------|----------|-----------|---------------|
| | | | | | |
| 1.18 | Providibng and fixing straight type Macfit single body push fit type WC pan connector with factory supplied spring loaded seal guard of McAlpine, UK with integral single mould sealing fins made of flexible EVA body, including bush/adaptor for use with C.I. Pipe as supplied with the pan connector. | Each | 32 | | |
| 1.19 | Providing and Fixing Bathtub Spout with Wall flange complete, including cutting and making good the walls wherever required. (MODEL NO - SPJ-429 JAQUAR MAKE or approved equivalent) | Each | 32 | | |
| 1.20 | Providing and Fixing single lever Basin mixer without pop up waste system with 450mm long braided Hoses, | Each | 52 | | |
| | including cutting and making good the walls wherever required. (MODEL NO - COP-001BPM JAQUAR MAKE or approved equivalent) | Each | 32 | | |
| | TOTAL OF SUB HEAD I - SANITARY FIXTURES CARRIED OVER TO SUMMARY OF PLUMBING WORKS | | | | |
| | | | | | |
| 2.01 | SUB HEAD II - SOIL, WASTE, VENT WATER PIPES P/F UPVC- SWR Piping system AS PER is 13592 with built-in SOCKET pipe in 3 LAYER-outer and inner layer of upvc andbinner layer of specially formulated PVC serving as noise insulator having moderate impact and stiffness with rubber ring /solvent joint completein all respect as per direction (suggested brand Prince Silent fit Low nose SWR piping/as approved) | | | | |
| | 110 mm O.D. (wall thickness 3.80 mm) | Metre | 290 | | |
| | 75 mm O.D. P/F UPVC- SWR Piping system AS PER is 13592 with built-in SOCKET pipe in 3 LAYER-outer and inner layer of upvc andbinner layer of specially formulated PVC serving as noise insulator having moderate impact and stiffness with rubber ring /solvent joint completein all respect as per direction (suggested brand Prince Silent fit Low nose SWR piping/as approved). (Wash Basin, Sink, Uninal waste Pipe, Floor Drain waste Pipe | Metre | 10 | | |
| a) b) | 40mm Dia OD (wall thickness 3.40 mm) 50mm Dia OD (wall thickness 3.40 mm) | Metre Metre | 80 80 | | |
| 2.03 | Providing and fixing PVC reducer/hopper/elbow (Floor Drain) of 100 x 50mm, complete as per instructions of | | | | |
| | the Engineer in charge. | Each | 16 | | |
| 2.04 | Providing, fixing and testing of uPVC SWR P or S trap including jointing with solvent cement and making good the walls, floors etc., complete of nominal size. AS PER is 13592 | | | | |
| | 110x 110mm | Each | 50 | | |
| 2.05 | Providing, fixing and testing of uPVC SWR multitrap including jointing with solvent cement and making good the walls, floors etc., complete of nominal size. AS PER is 13592 | | | | |
| | 110 x 50mm | Each | 8 | | |
| | | | | | |
| 2.06 | Providing, fixing and testing of uPVC SWR inlet fittings / Hight riser with two or three saddle inlets of 40, 50 or 63 mm size, fabricated from 110 mm outer dia uPVC pipes and fixed to uPVC traps with drip seal/m- seal/solvent cement joint complete in all respect. AS PER is 13592 | Each | 50 | | |
| | Providing and laying cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 stone aggregate 20mm and down gauge) 75mm in bed and alround uPVC Pipes (soil and waste pipe). 110mm OD dia pipes under floor including centering and shuttering wherever required. 110mm Dia OD | | 25 | | |
| a) b) | 40mm Dia OD to 63mm Dia OD | Metre Metre | 25 25 | | |
| | | | | | |
| 2.08 | Providing & fixing PVC clean out plug with suitable insert keys for opening in: brass cap, male threaded joint with threaded uPVC socket fixed to uPVC pipe joints as required complete in all respects. | | | | |
| | 75 mm dia. | Each | 4 | | |
| b) | 110 mm dia. | Each | 12 | | |
| 2.09 | Providing and fixing 125 mm dia, 3 mm thick stainless steel grating with frame for floor traps or drains of required pattern including cutting and making good the floors complete. | Each | 66 | | |
| | | | | | |
| 2.10 | Providing and fixing 125 mm dia, 3 mm thick stainless steel Anti Cockroch grating with frame for floor traps or drains of required pattern including cutting and making good the floors complete. | Each | 66 | | |
| 2.11 | GI PIPE FOR SUMP RISER / DRAINAGE Providing, fixing and testing GI pipes Class 'C' (Heavy duty) of approved make conforming to IS 1239-1982 complete with G.I. fittings such as tees, crosses, plugs, sockets, elbows, reducers, unions, sleeve pieces, check nuts etc including Painting, jointing with C.I. pipes (wherever required), cutting & making good the walls, floors, R.C.C. work etc. including cutting chases & filling the same. | | | | |
| | 80 mm dia | RM | 15 | | |
| 2.12 | Providing and fixing G.I reducer/hopper/elbow (Floor Drain) of 100 x 50mm, complete as per instructions of the Engineer in charge.(grating and G.I pipe to be paid separately) | Each | 8 | | |
| 2.13 | Providing and fixing 100mm dia G.I. inlet fitting consisting of 100mm dia main G.I pipe with multiple G.I. sockets (Inlets) of required diameter welded to it (as per site requirement) and fixing the same to C.I trap and setting in cement concrete, complete as per instructions of the Engineer in charge. | Each | 16 | | |
| | TOTAL OF SUB HEAD II - SOIL,WASTE & VENT WATER PIPES CARRIED OVER TO SUMMARY OF PLUMBING WORKS | | | | |
| | SUB HEAD III - RAIN WATER PIPES | | | | |
| 3.01 | Providing and fixing 100mm diametre and 60cm long rain water spout in cement mortar 1:4 (1 cement : 4 | | | | |
| | fine sand) Stone ware spout | Each | 12 | | |
| 3.02 | providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS 13592 Type A including jointinting with seal ring conforming to IS 5382 leaving 10mm gap for thermal expansion (i) Single socketed pipes 6 Kg /cm2 Pressure | | | | |
| a) | 110 mm diametre | Metre | 120 | | |



| S.Nos. | Description of Item | Unit | Qty | Rate (Rs) | Amount (Rs) |
|------------|---|----------------|------------|-----------|---------------|
| | | | | | |
| 3.03 | providing and fixing on wall face unplasticised PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water conforming to IS 13592 Type A including jointing with seal ring conforming to IS 5382 leaving 10mm gap for thermal expansion | | | | |
| | | | | | |
| a) | Single pushfit coupler 110mm | Each | 8 | | |
| | | | | | |
| b) | Single tee with door | | | | |
| | 110 x 110 x 110mm | Each | 32 | | |
| c) | Bend 87.5 ⁰ | | | | |
| | 110mm | Each | 8 | | |
| | | | | | |
| d) | Shoe (Plain) 110mm shoe | Each | 8 | | |
| | | Lacii | 0 | | |
| 3.04 | Providing and fixing unplasticid PVC pipe clips of approved design to un plasticsed PVC rain water pipes by means of 50 x 50 x 50mm hard wood plugs, screwed with MS screws of required length including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete. | | | | |
| | 110mm | Each | 50 | | |
| 3.05 | Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15cm diametre and weighing not | | | | |
| | less than 440 grams. | Each | 8 | | |
| 3.06 | Making khurras 45x45 cm. with average minimum thickness of 55 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) over PVC sheet1mx1mx400 micron, finished with12 mm cement plaster1:3 (1 cement : 3 fine sand) and a coat of neat cement, roundingthe edges and making and finishingthe outlet complete | Each | 8 | | |
| | TOTAL OF SUB HEAD III - RAIN WATER PIPES CARRIED OVER TO SUMMARY OF PLUMBING | | | | |
| | WORKS | | | | |
| | SUB HEAD IV - INTERNAL WATER SUPPLY | | | | |
| | | | | | |
| 4.01 | Providing & fixing GI pipes complete with GI fittings including trenching and refilling etc. | | | | |
| | External work | | 0.5 | | |
| | 25mm dia nominal bore | Metre | 96 | | |
| 4.02 | Providing & fixing GI pipes complete with GI fittings and clamps, including cutting & making good the walls etc. | | | | |
| a) | Internal work- Exposed on wall 15mm nominal bore | Metre | 200 | | |
| b) | 20mm nominal bore | Metre | 120 | | |
| c) | 25mm nominal bore | Metre | 120 | | |
| d) | 32mm nominal bore | Metre | 170 | | |
| 4.03 | Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes having thermal stability for hot and cold water supply including all CPVC plain & brass threaded fittings including 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 walls etc. | | | | |
| a) | 15mm nominal outer dia pipes | Metre | 320 | | |
| b) c) | 20mm nominal outer dia pipes 25 mm nominal outer dia pipes | Metre Metre | 208 208 | | |
| | | Metre | 200 | | |
| 4.04 | Providing and fixing thermal insulation over hot water pipes with 9mm thick thermaflex or approved equivalent thermal insulation tubing, a elastomeric flexible material having hermetic blister closed cell structure of expanded synthetic rubber having a thermal conductivity not exceeding 0.040w/mk @ 40 deg C over pipes with Aluminium Cladding/ protective coating of FRP following sizes including all required accessories complete as per Manufacture's specifications. | | | | |
| a) | 15 mm dia | Metre | 180 | | |
| b) | 20 mm dia | Metre | 60 | | |
| 4.05 | Providing & fixing brass stop cock of approved quality. | | | | |
| a) | 15 mm nominal bore | Each | 40 | | |
| b) | 20 mm nominal bore | Each | 20 | | |
| 4.06 | Providing and fixing gun metal gate valve with CI wheel of approved quality (Screwed end): | | | | |
| 4.00 a) | 25mm nominal bore | Each | 32 | | |
| b) | 32mm nominal bore | Each | 8 | | |
| 4.07 | Providing & fixing ball valve (brass) of approved quality , High or low pressure, with plastic floats complete. | | | | |
| | 25 mm dia maminal kana | e I. | | | |
| | 25mmdia nominal bore | Each | 8 | | |
| 4.08 | Painting GI pipes and fittings with synthetic enamel paint over a ready mixed priming coat, both of approved quality for new work. | | | | |
| a) | 15mm nominal bore | Metre | 200 | | |
| b) | 20mm nominal bore | Metre | 120 | | |
| c) | 25mm nominal bore | Metre | 120 | | |
| d) | 32mm nominal bore | Metre | 170 | | |
| 4.09 | Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, out let and overflow pipes but | | | | |
| | without fittings and the base support for tank. | per ltrs | 16000 | | |
| L | | | | | |



| S.Nos. | Description of Item | Unit | Qty | Rate (Rs) | Amount (Rs) |
|--------|---|-----------------------|----------|-----------|---------------|
| 4.10 | Providing & fixing C.I double air valve of approved quality with bolts , nuts , rubber insertion etc complete | | | | |
| | (The tail pieces , tapers etc if required will be paid separately) | | | | |
| | 25 mm dia | Each | 16 | | |
| | | | | | |
| 4.11 | Providing and fixing enclosed type water meter (bulk type) conferming to IS 2373 and tested by Municipal | | | | |
| | Board complete with bolts, nuts, rubber insertions etc. (The tail pieces if required will be paid separatly) | | | | |
| | 25mm dia nominal bore | Each | 16 | | |
| | | Luch | 10 | | |
| 4.12 | Painting GI Pipes and fittings with two coats of anti-corrosive bitumastic paint of approved quality: | | | | |
| | 25mm nominal bore | Each | 96 | | |
| | | | | | |
| 4.13 | Providing and fixing GI Union in GI pipe including cutting and threading the pipe and making long screws etc. | | | | |
| | complete (New Work) | | | | |
| | 15mm nominal bore | Each | 12 | | |
| | 20mm nominal bore | Each | 10 | | |
| | 25mm nominal bore 32mm nominal bore | Each Each | 20 12 | | |
| | | Lacii | 12 | | |
| 4.14 | Making connection of GI distribution branch with GI main of following sizes by providing and fixing tee, | | | | |
| | including cutting and threading the pipe etc. complete: | | | | |
| | 25 to 40mm nominal bore | Each | 16 | | |
| | | | | | |
| 4.15 | Providing and fixing Gun metal non return valve of approved quality (Screwed end): | | | | |
| | 25mm nominal bore horizontal | Each | 16 | | |
| | | | | | |
| 4.16 | Providing and fixing brass ferrule with C.I. mouth cover including boring and tapping the main: | | | ļ | |
| | 25mm nominal bore | Each | 16 | ļ | |
| | | | | | |
| | TOTAL OF SUB HEAD IV - INTERNAL WATER SUPPLY CARRIED OVER TO SUMMARY OF | | | | |
| | PLUMBING WORKS | | | | |
| | | | | | |
| | SUB HEAD V - SEWERAGE & DRAINGE SYSTEM | | | | |
| | | | | ļ | |
| 5.01 | Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the | | | | |
| | proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete | | | | |
| a) | 150 mm diameter | Metre | 80 | | |
| F 02 | Providing and Javing Non-processor ND2 PCC Dinos with collars jointed with stiff mixture of compart master in | | | | |
| 5.02 | Providing and laying Non pressure NP2 RCC Pipes with collars jointed with stiff mixture of cement mortar in the propoertion of 1:2 (1 cement : 2 fine sand) including testing and jointing etc complete. | | | | |
| a) | 150mm dia RCC Pipe | Metre | 50 | | |
| _ aj | | Wetre | 50 | | |
| 5.03 | Providing and laying cement concrete 1:5:10 (1 cement: 5 coarse sand: 10 graded stone aggregate 40 | | | | |
| 0.00 | mm nominal size) all-round stone ware pipes including in bed concrete as per standard details. | | | | |
| | · · · · · · · · · · · · · · · · · · · | | | | |
| a) | 150 mm diameter | Metre | 496 | | |
| | | | | | |
| 5.04 | Providing and fixing square mouth S.W. gully trap class SP-1 complete with C.I. Grating brick masonary | | | | |
| | chamber with bricks of class designation 7.5 and water tight C.I. Cover with frame of 300x300 mm size | | | | |
| | (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard | | | | |
| | design . | | | | |
| | 150x100 mm size P type | | | | |
| a) | With common brunt FPS (non modular) bricks class designation 7.5 | Each | 12 | | |
| 5.05 | Constructing brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand) R.C.C. top slab | | | | |
| 5.05 | 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size), foundation concrete | | | | |
| | 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size), nonnation concrete 1:4:8 mix (1 cement: 4 coarse sand: 8 graded stone aggregate 40 mm nominal size) inside plastering 12 mm | | | | |
| | thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and | | | | |
| | making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand) infisited with floating coar of near cement and making channels 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 complete as per standard design. | | | | |
| | | | | | |
| | nominar size) misned with a noating toat of near tement complete as per standard design. | | | | |
| | nonminar size) minarieu with a noating coat of neat cement complete as per standard design. | | | | |
| a) | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm | | | | |
| a) | | | | | |
| a) | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) | | | | |
| a) | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and | Each | 12 | | |
| | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 | | 12 | | |
| | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Extra for depth for manholes | | 12 | | |
| | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Extra for depth for manholes Size 90 x 80 cm | Each | | | |
| | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Extra for depth for manholes | | 12 | | |
| 5.06 | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Extra for depth for manholes Size 90 x 80 cm With common burnt clay F.P.S (non modular) . bricks class designation 7.5 | Each Metre | | | |
| 5.06 | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Extra for depth for manholes Size 90 x 80 cm With common burnt clay F.P.S (non modular) . bricks class designation 7.5 Constructing brick masonary road gully chamber 50x45x60 cm with bricks of class designation 75 in cement | Each Metre | | | |
| 5.06 | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Extra for depth for manholes Size 90 x 80 cm With common burnt clay F.P.S (non modular) . bricks class designation 7.5 Constructing brick masonary road gully chamber 50x45x60 cm with bricks of class designation 75 in cement mortar 1:4 (1 cement :4 coarse sand) including 500x450 mm precast RCC horizontal grating with frame | Each Metre | | | |
| 5.06 | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Extra for depth for manholes Size 90 x 80 cm With common burnt clay F.P.S (non modular) . bricks class designation 7.5 Constructing brick masonary road gully chamber 50x45x60 cm with bricks of class designation 75 in cement mortar 1:4 (1 cement :4 coarse sand) including 500x450 mm precast RCC horizontal grating with frame complete as per standard design . | Each Metre | 2 | | |
| 5.06 | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Extra for depth for manholes Size 90 x 80 cm With common burnt clay F.P.S (non modular) . bricks class designation 7.5 Constructing brick masonary road gully chamber 50x45x60 cm with bricks of class designation 75 in cement mortar 1:4 (1 cement :4 coarse sand) including 500x450 mm precast RCC horizontal grating with frame | Each Metre | | | |
| 5.06 | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Extra for depth for manholes Size 90 x 80 cm With common burnt clay F.P.S (non modular) . bricks class designation 7.5 Constructing brick masonary road gully chamber 50x45x60 cm with bricks of class designation 75 in cement mortar 1:4 (1 cement :4 coarse sand) including 500x450 mm precast RCC horizontal grating with frame complete as per standard design . With F.P.S bricks | Each Metre Each | 2 | | |
| 5.06 | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Extra for depth for manholes Size 90 x 80 cm With common burnt clay F.P.S (non modular) . bricks class designation 7.5 Constructing brick masonary road gully chamber 50x45x60 cm with bricks of class designation 75 in cement mortar 1:4 (1 cement :4 coarse sand) including 500x450 mm precast RCC horizontal grating with frame complete as per standard design . With F.P.S bricks Excavating trenches of required width for pipes, cables etc. Including excavation for sockets, and dressing | Each Metre Each | 2 | | |
| 5.06 | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Extra for depth for manholes Size 90 x 80 cm With common burnt clay F.P.S (non modular) . bricks class designation 7.5 Constructing brick masonary road gully chamber 50x45x60 cm with bricks of class designation 75 in cement mortar 1:4 (1 cement :4 coarse sand) including 500x450 mm precast RCC horizontal grating with frame complete as per standard design . With F.P.S bricks | Each Metre Each | 2 | | |
| 5.06 | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Extra for depth for manholes Size 90 x 80 cm With common burnt clay F.P.S (non modular) . bricks class designation 7.5 Constructing brick masonary road gully chamber 50x45x60 cm with bricks of class designation 75 in cement mortar 1:4 (1 cement :4 coarse sand) including 500x450 mm precast RCC horizontal grating with frame complete as per standard design . With F.P.S bricks Excavating trenches of required width for pipes, cables etc. Including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5M including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cms in depth including consolidating each | Each Metre Each | 2 | | |
| 5.06 | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Extra for depth for manholes Size 90 x 80 cm With common burnt clay F.P.S (non modular) . bricks class designation 7.5 Constructing brick masonary road gully chamber 50x45x60 cm with bricks of class designation 75 in cement mortar 1:4 (1 cement :4 coarse sand) including 500x450 mm precast RCC horizontal grating with frame complete as per standard design . With F.P.S bricks Excavating trenches of required width for pipes, cables etc. Including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5M including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cms in depth including consolidating each deposited layer by ramming, watering, etc. And disposing of surplus excavated soil as directed within a | Each Metre Each | 2 | | |
| 5.06 | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Extra for depth for manholes Size 90 x 80 cm With common burnt clay F.P.S (non modular) . bricks class designation 7.5 Constructing brick masonary road gully chamber 50x45x60 cm with bricks of class designation 75 in cement mortar 1:4 (1 cement :4 coarse sand) including 500x450 mm precast RCC horizontal grating with frame complete as per standard design . With F.P.S bricks Excavating trenches of required width for pipes, cables etc. Including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5M including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cms in depth including consolidating each | Each Metre Each | 2 | | |
| 5.06 | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Extra for depth for manholes Size 90 x 80 cm With common burnt clay F.P.S (non modular) . bricks class designation 7.5 Constructing brick masonary road gully chamber 50x45x60 cm with bricks of class designation 75 in cement mortar 1:4 (1 cement :4 coarse sand) including 500x450 mm precast RCC horizontal grating with frame complete as per standard design . With F.P.S bricks Excavating trenches of required width for pipes, cables etc. Including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5M including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cms in depth including consolidating each deposited layer by ramming, watering, etc. And disposing of surplus excavated soil as directed within a lead of 50 m Hard/dense soil. | Each Metre Each | 2 | | |
| 5.06 | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Extra for depth for manholes Size 90 x 80 cm With common burnt clay F.P.S (non modular) . bricks class designation 7.5 Constructing brick masonary road gully chamber 50x45x60 cm with bricks of class designation 75 in cement mortar 1:4 (1 cement :4 coarse sand) including 500x450 mm precast RCC horizontal grating with frame complete as per standard design . With F.P.S bricks Excavating trenches of required width for pipes, cables etc. Including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5M including gotting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cms in depth including consolidating each deposited layer by ramming, watering, etc. And disposing of surplus excavated soil as directed within a lead of 50 m Hard/dense soil. | Each | 8 | | |
| 5.06 | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Extra for depth for manholes Size 90 x 80 cm With common burnt clay F.P.S (non modular) . bricks class designation 7.5 Constructing brick masonary road gully chamber 50x45x60 cm with bricks of class designation 75 in cement mortar 1:4 (1 cement :4 coarse sand) including 500x450 mm precast RCC horizontal grating with frame complete as per standard design . With F.P.S bricks Excavating trenches of required width for pipes, cables etc. Including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5M including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cms in depth including consolidating each deposited layer by ramming, watering, etc. And disposing of surplus excavated soil as directed within a lead of 50 m Hard/dense soil. | Each Metre Each | 2 | | |
| 5.06 | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Extra for depth for manholes Size 90 x 80 cm With common burnt clay F.P.S (non modular) . bricks class designation 7.5 Constructing brick masonary road gully chamber 50x45x60 cm with bricks of class designation 75 in cement mortar 1:4 (1 cement :4 coarse sand) including 500x450 mm precast RCC horizontal grating with frame complete as per standard design . With F.P.S bricks Excavating trenches of required width for pipes, cables etc. Including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5M including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cms in depth including consolidating each deposited layer by ramming, watering, etc. And disposing of surplus excavated soil as directed within a lead of 50 m Hard/dense soil. | Each | 8 | | |
| 5.06 | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Extra for depth for manholes Size 90 x 80 cm With common burnt clay F.P.S (non modular) . bricks class designation 7.5 Constructing brick masonary road gully chamber 50x45x60 cm with bricks of class designation 75 in cement mortar 1:4 (1 cement :4 coarse sand) including 500x450 mm precast RCC horizontal grating with frame complete as per standard design . With F.P.S bricks Excavating trenches of required width for pipes, cables etc. Including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5M including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cms in depth including consolidating each deposited layer by ramming, watering, etc. And disposing of surplus excavated soil as directed within a lead of 50 m Hard/dense soil. All kind of soil Pipes, cables etc, exceeding 80mm dia but not exeeding 300 mm dia TOTAL OF SUB HEAD V - SEWERAGE & DRAINAGE SYSTEM CARRIED OVER TO SUMMARY | Each | 8 | | |
| 5.06 | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Extra for depth for manholes Size 90 x 80 cm With common burnt clay F.P.S (non modular) . bricks class designation 7.5 Constructing brick masonary road gully chamber 50x45x60 cm with bricks of class designation 75 in cement mortar 1:4 (1 cement :4 coarse sand) including 500x450 mm precast RCC horizontal grating with frame complete as per standard design . With F.P.S bricks Excavating trenches of required width for pipes, cables etc. Including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5M including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cms in depth including consolidating each deposited layer by ramming, watering, etc. And disposing of surplus excavated soil as directed within a lead of 50 m Hard/dense soil. | Each | 8 | | |
| 5.06 | Inside size 90x80 cm and 45 cm deep including CI Cover with frame (light duty as per IS:12592) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Extra for depth for manholes Size 90 x 80 cm With common burnt clay F.P.S (non modular) . bricks class designation 7.5 Constructing brick masonary road gully chamber 50x45x60 cm with bricks of class designation 75 in cement mortar 1:4 (1 cement :4 coarse sand) including 500x450 mm precast RCC horizontal grating with frame complete as per standard design . With F.P.S bricks Excavating trenches of required width for pipes, cables etc. Including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5M including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cms in depth including consolidating each deposited layer by ramming, watering, etc. And disposing of surplus excavated soil as directed within a lead of 50 m Hard/dense soil. All kind of soil Pipes, cables etc, exceeding 80mm dia but not exeeding 300 mm dia TOTAL OF SUB HEAD V - SEWERAGE & DRAINAGE SYSTEM CARRIED OVER TO SUMMARY | Each | 8 | | |



| S.Nos. | Description of Item | Unit | Qty | Rate (Rs) | Amount (Rs) |
|---------|---|-------|-----|-------------|---------------|
| 5.1105. | beenplon of nem | onit | 4.9 | nate (h5) | Amount (113) |
| | | | | | |
| 6.01 | Supplying, installing, testing and commissioning submersible type of pump with all necessary standard fittings | | | | |
| | and accessories adequate capacity of motor i/c like base plate, bend, tee etc. and flow control devices, | | | | |
| | suitable for well dia 150mm and meeting the following requirement all complete with guide wire for lifting | | | | |
| | and lowering of pump, Galvanized lifting chain, etc. as per specifications. The pump shall be complete with | | | | |
| | automatic built-up water level controller with necessary starter panel with length of control / power cable | | | | |
| | upto the panel Complete in all respect & giving it to working condition. | | | | |
| | | | | | |
| | No. of Pumps: (1 Working) | | | | |
| | Capacity : 40 lpm | | | | |
| | Head :45m | Each | 2 | | |
| | | 20011 | - | | |
| | | | | | |
| 6.02 | Supply and installation of solar water heating system with suitable flat plate collectors (MNRE approved) with | | | | |
| | M.S. Tank with double layer Epoxy coating insulated storage tank support stands for both collector and | | | | |
| | storage tank , gate valves -1 no. NRV-1 no, temperature gauges -2 Nos water meter - 1 no strainer -1 no air | | | | |
| | vent -1 no, including system internal piping with GI pipes B class with insulations, civil works including | | | | |
| | installations of 125LPD Capacity including all connections complete in all respects. | | | | |
| | | | | | |
| | | Set | 16 | | |
| | | | | | |
| | TOTAL OF SUB HEAD VI - PUMPS AND EQUIPMENTS CARRIED OVER TO SUMMARY OF | | | | |
| | | | | | |
| | PLUMBING WORKS | | | | |
| | TOTAL PLUMBING WORKS | | 1 | | |
|) | LIFTS | | | | |
| 1 | Design, Manufacture, Supply & Installation, testing, commissioning and handing over in satisfactory working condition of Machine Room Less (MRL) Lifts including the cost of providing free comprehensive maintenance for one year after handing over complete as per Technical specifications specified above | | | | |
| | 1 (one) No Passenger Lift with 6 passenger /408-476 kg capacity, 0.65 to 1.00 mps speed, ACVVF Microprocessor Based control /Microprocessor based Control, Gearless Full collective operation, Collective/ Selective control Operation with ARD feature a) 5 stops (Stilt, Ground Floor, 1ST Floor, 2nd Floor and 3rd Floor) all on same side, travel 15000 mm approx | | | | |
| | Plot No, C-12, Inderpuri, New Delhi | Nos | 1 | | |
| i | Plot No, C-15, Inderpuri, New Delhi | Nos | 1 | | |
| | | | | | |
| | TOTAL OF LIFTS CARRIED OVER TO SUMMARY OF GRAND SUMMARY OF QUOTATION | | | | |
| | | | | | |
| | DISMANTLING and DEMOLISHING Dismantling and demolishing and Buy Back of serviceable material | | | 1 1 | |
| | | | | | |
| | The contractor shall conform to the provisions of all local bye- laws and acts relating to the dismantling and demolishion work and to regulations etc. of the government and local authorities including cordoning off the property | | | | |
| | from the neighbouring properties with proper arrangement etc including providing and fixing precoated MS/ Zinc sheet | | | | |
| | barricade with proper support structure to avoid dust, noise to the occupants of neighbouring buildings etc. | | | | |
| | Dismantling and demolishing completely manually /mechanically the existing buildings at C-12 and at C-15 | | | | |
| | INDEDDUDI sensitive of summa deviders including becauseds which becaused and and and factorial | | | | |
| | INDERPURI consisting of super structure including basements, plinth, boundary wall, underground footings/ | | | 1 | |
| | foundations, pipes, services, fittings, fixtures etc including buy back of dismantled materials on lump sum basis | | | | |
| | foundations, pipes, services, fittings, fixtures etc including buy back of dismantled materials on lump sum basis and on as is where is basis including removing the same (both serviceable and unserviceble) from site complete in | | | | |
| | foundations, pipes, services, fittings, fixtures etc including buy back of dismantled materials on lump sum basis | | | | |

* GST CHARGES ARE EXCLUDED

| A | SUMMARY OF CIVIL WORKS | | | | |
|----------|--|---------------|--|--|--|
| S. No. | Description | Amount (Rs) | | | |
| | | | | | |
| 1 | SECTION-A EARTH WORK | | | | |
| | | | | | |
| 2 | SECTION-B CEMENT CONCRETE AND BASEMENT WATERPROOFING | | | | |
| | | | | | |
| 3 | SECTION-C REINFORCEMENT CEMENT CONC. | | | | |
| | | | | | |
| 4 | SECTION -D BRICK WORK | | | | |
| | | | | | |
| 5 | SECTION-E WOODWORK /STEEL - STRUCTURAL STEEL / ALUMINIUM/ UPVC WORKS | | | | |
| | | | | | |
| 6 | SECTION- F (FALSE CEILINGS) | | | | |
| | | | | | |
| | SECTION-G FLOORING / WALL CLADDING/ STONE WORK | | | | |
| 8 | SECTION -H ROOFING | | | | |
| | | | | | |
| 9 | SECTION -I FINISHING | | | | |
| | | | | | |
| 10 | SECTION- J EXTERNAL DEVELOPMENT | | | | |
| <u> </u> | Total of civil works | | | | |
| L | | | | | |
| | Total of civil works carried over to Grand Summary | | | | |

* GST CHARGES ARE EXCLUDED

| в | SUMMARY OF PLUMBING WORKS | | |
|--------|--|---------------|--|
| S. No. | Description | Amount (Rs) | |
| 1 | SUB HEAD I - SANITARY FIXTURE & FITTINGS | | |
| | | | |
| 2 | SUB HEAD II - SOIL, WASTE , VENT WATER PIPES | | |
| | | | |
| 3 | SUB HEAD III - RAIN WATER PIPES | | |
| | | | |
| 4 | SUB HEAD IV - INTERNAL WATER SUPPLY | | |



| S.Nos. | Description of Item | Unit | Qty | Rate (Rs) | Amount (Rs) |
|--------|---|------|-----|-----------|---------------|
| | | | | | |
| 5 | SUB HEAD V - SEWERAGE & DRAINGE SYESTEM | | | | |
| | | | | | |
| 6 | SUB HEAD VI - PUMPS AND EQUIPMENTS | | | | |
| | | | | | |
| | | | | | |
| | Total of Plumbing works carried over to Grand Summary | | | | |

* GST CHARGES ARE EXCLUDED

| Amount (Rs) |
|---------------|
| |
| |
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| |

* GST CHARGES ARE EXCLUDED

| | GRAND SUMMARY | | | | | |
|------|---|---------------|--|--|--|--|
| S.NO | GRAND SUMMARY OF QUOTES | Amount (Rs) | | | | |
| A | TOTAL COST OF CIVIL WORKS | | | | | |
| в | TOTAL COST OF ELECTRICAL WORKS | | | | | |
| с | TOTAL COST OF PLUMBING WORKS | | | | | |
| D | LIFTS | | | | | |
| | Total A+B+C+D | | | | | |
| E | TOTAL AMOUNT PAYABLE TO THE OWNER AFTER ACCOUNTING FOR THE COST OF DEMOLISHION AND DISPOSING OFF THE DEBRIS AND OTHER UNSEVISEABLE MATERIAL TO THE MUNICIPAL GROUND | | | | | |
| | BIDDERS QUOTE (A+B+C +D) - (E) | | | | | |

BIDDERS QUOTE IN WORDS

BIDDERS SIGNATURE

BIDDERS NAME

BIDDERS SEAL

* GST CHARGES ARE EXCLUDED