

| BOQ CIVIL WORKS AT SBI, ITBP BRANCH, DEHRADUN | | | | | |
|---|---|-------|--------|-----------|--------|
| S NO | PARTICULARS | UNIT | QTY | RATE | AMOUNT |
| 1 | BRICK WORK | | | | |
| | Providing & constructing first class burnt brick for load bearing wall of thickness 230 mm in cement-mortor mix ratio of 1:4, including providing & casting 100mm thick "patli beam" using 4 nos. 8mm dia. tor steel & 6mm dia. MS rings at 150mm c/c at every 1200 mm height, including racking of joints, curing and all necessary scaffolding , including all stone work like dasa , sill, coping, Lintels and chajja etc. at all heights as directed. DSR 2023 Item No 6.4.1 | C.mt | 13.5 | 9,344.35 | |
| 2 | CEMENT PLASTER : | | | | |
| | Plastering of 15 mm thick cement mortar 1:4 (1 cement : 4 fine sand) on rough brick wall surface with required cement ghole sprinkling rates inclusive of required scaffolding and curing of plastered surface all included | Sq.m | 150.00 | 400 | |
| 3 | Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. Work to be carry out on external surface of building by employing proper means fulfilling all safety requirements | Sq.m | 150.00 | 120 | |
| 4 | DOOR/ WINDOWS | | | | |
| a | 3 Track Two Panel uPVC Sliding windows with mosquito net in one track | S.MT | 7 | 10,000.00 | |
| b | Aluminum door for toilets, pantry (powder coated in fine finish) | S.MT | 8.5 | 4,000.00 | |
| c | Supplying and fixing Rolling Shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters : 80x1.25 mm M.S. laths with 1.25 mm thick top cover | Sqm | 4 | 5600 | |
| d | Providing and fixing in position Collapsible Steel Shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, | Sqm | 6 | 5000 | |
| 5 | Providing & fixing MS Grills made out of 12mm x 12mm square solid bright bars @ 100mm c/c; inclusive of forming to required shapes, cutting, welding, grinding, fixing with necessary screws & holdfasts including M.S. Mosquito net fixed in grill for windows/ventilators or any other openings inclusive of providing & applying one coat of anti-corrosive primer and two coats of approved quality enamel paint as directed. The rate include removing of existing windos/grill and removal of waste fromm site. | kg | 1000 | 100.00 | |
| 6 | Wall Tiles (DIGITAL TILES) JOINT FREE TILES | | | | |
| | Providing and fixing 1st quality jointless standard white, grey, ivory, fume red brown, light green, light blueand other light shade glazed tiles confirming ti IS 13753 & is 15622 of size 12" x 24" in walls, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigmentto match the shade of the tile complete (including the cost of cement plaster). DSR Item 8.31 | Sq. m | 61.25 | 1,267.95 | |

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| 7 | Toilet Floor Tiles (DIGITAL TILES) JOINT FREE TILES | | | | |
| | Providing and fixing 1st quality MAT finished ceramic tile size 12" x 12" confirming to IS 13755 and IS:15622 color such as white, grey, ivory, fume red brown, light green, light blue and other light shade in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar 1 : 4) | Sq. m | 30 | 800.00 | |
| 8 | Granite work in Steps / KITCHEN AND BATHROOM COUNTER | | | | |
| | PROVIDING & fixing Granite stone (jet black only)2'-6" wide slab mirror polished and machine edge cut in walls , pillars, steps, shelves, sills counter, floors etc. laid on 12 mm (Av.) thick base of cement mortar 1 :3 (1 cement : 3 coarse sand) jointing with white cement mortar 1:3 (1 cement : 3 coarse sand) jointing with white cement mortar 1:2 (1 white : 2 marble dust) with pigment to match the shade of the granite slab complete including rubbing and polishing of : Above 3601 Cm2 slabs | Sq. m | 10.00 | 3,500.00 | |
| 9 | FLOORING WORK | | | | |
| i | Vitrified Tile Flooring (Double charge) Providing and laying Vitrified floor tiles, skirting dado (Kajaria/ Bell/ Marbita/ Johnson/ Euro) 600 x 600mm, 10 cm thk. flooring over 20 cm thk bed mortar 1:4 mix with 2-3 mm thk joints to be filled with cementitious grouter polymer based non shrink grout made Rofee/ Bell adhesive/ Pidilite etc. of metaling colour as per required of size. | S.MT | 100 | 1,453.65 | |
| ii | Providing and fixing Anti skid Ceramic Tile of approved make size and shade in Floor over 20-25mm thick cement mortar 1:3(1 cement : 3 Coarse Sand) and jointed with white cement. The item includes pointing with approved tile pointing compound and 3mm tile spacers complete up to G+3 level. (Basic Rate = Rs.35/- per/Sq.ft. Size of tile for floor will be 300 x 300) | S.mt | 20.00 | 800 | |
| iii | Glazed Vitrified tiles Matt/ Antiskid finish size 600mmx 600mm as per | Sqm | 40.00 | 1,464.85 | |
| 10 | SANITARY WORKS TOILETS : | | | | |
| i | Providing & fixing Single piece WC with cistern model no- Jaquar One Piece-Wc with Uf Soft Close Slim Lys- White-38851S220SMN of Jaquar make (single piece-WC with UF soft close slim seat cover, Hinges, Fixing Accessories and Cistern fittings Size : 360x655x765 mm, P Trap-180mm) complete with seat cover with 100 mm vitreous china P or S trap including cutting and making good the wall and floor. | Nos. | 3 | 16,000.00 | |
| ii | P & F First quality popular colored vitreous china counter top wash basin of approved make and shape, color of size approx 550 x 410 mm for under counter mounting with touch less infrared red sensor lavatory faucet. Specially fabricated CI M.S. Brackets, painted with two or three coats of enamel paints of approved shade over a coat of primer 32 mm CP brass waste and adapter for waste connection including bottle trap and filling gap between counter and the wash basin with approved type poly sulphide sealant, cutting and making good the floor and walls complete in all respects Parryware Cat no. : C0425, Bracket C8290 Jaquar: SNR 51011 | Nos. | 3 | 10,000.00 | |
| iii | Repair and replacement of waste water pipe of existing toilet including dismantling and removal of waste from site till municipal dumping ground. | Nos. | 1 | 6,000.00 | |

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| iii | P & F vitreous china semi stall urinal with integrated electronic flushing system of size 610 x 400 x 380 mm CI hangers CP spreaders, 32/40 mm CP brass domical waste if required as per manufacturer 32/40 mm CP cast bottle trap and pipe to the wall with CP Flange with built in 6 v DC 4AA cells battery operated automatic flushing syatem, water proof compact model solenoid valve with built in stainer flow control mechanism, stainless steel outer case, pre flush and main flush function and low battery indication , with individual urinals to ensure flushing only when in use, comprising of all plumbing and any other item required to provide satisfactory function as approved by the engineer/Architect including cutting and making good the floor and walls complete in all respects. Parryare : C8098 EFS Integrated DC /Equivalent Approved by Architect | Nos. | 2 | 3,500.00 | |
| iv | P & F Beveled edge Mirror of Size 600 x 450 mm x 4 mm / as per design thick special glass of approved make (Atul Modi Guard Saint Gobin or equivalent) complete with 6 mm thick asbestos ement sheet ground fixed to wooden screw & washers. | S.ft | 22 | 400.00 | |
| v | P&F rigid PVC Pipe (IS:4985 mark) class III/ (4 Kg./Cm2.) including all bend,tees,etc. complete approved quality /makeincluding joining the pipe with solvent cement rubber ring and lubricant. For rain water disposal. The rate includes removal of existing pipes if any including all connections satsfying bank's engineer/architect. | | | | |
| | a) 75mm dia. | RMT | 40 | 120.00 | |
| | b) 110mm dia. | RMT | 20 | 140.00 | |
| vi | Construction of mainhole in all type of soil inner size 900mmx600mmx500mm (L x B x H) with 300mm thick masonry in CM 1:6, 10mm thick cement conerret 1:5:10 in foundation, 20mm thick inside plaster in CM 1:6, finished with floating neat cement, 50mm thick M-15 grade C.C. flooring, making channels, flooring, 80mm thick stone slab covering with 40mm thick M-15 grade C.C. flooring, Cement cover with frame of 300mm dia, earthwork etc. complete as per design. | Nos. | 1 | 2,200.00 | |
| vii | P & F Pillar Cocks (IS :8934 Mark) of superior quality and approved Jaquar / Grohe make: | Nos. | 4 | 900.00 | |
| viii | Two way Bib cock model no- FLR 5041 N of Jaquar / Grohe make: | Nos. | 4 | 1,200.00 | |
| ix | Providing & fixing Basin mixer model no- FLR 5001 B of Jaguar make | Nos. | 4 | 2,000.00 | |
| x | Providing & fixing L-Band Mixer (FLR-5281 N for bath Jaguar make-3 in one | Nos. | 4 | 3,500.00 | |
| xi | P & F GI pipes (Internal works) with GI fittings excluding Union (IS:1239 mark) and MS clamps, including cutting and making good the wall and floors. | | | | |
| | 15mm dia B class Nominal Bore. | Rmt | 45 | 160.00 | |
| | 25mm dia B class Nominal Bore. | Rmt | 40 | 180.00 | |
| | 40mm dia B class Nominal Bore. | Rmt | 30 | 260.00 | |
| 11 | P.C.C. | | | | |
| | Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level. M10 grade Nominal Mix 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size). up to G+3 Level. | C.mt | 2 | 9,000.00 | |
| 12 | Supplying and applying two coats or more @ 1.43 ltr/10 Sqm including priming coat of exterior primer of Premium Acrylic Smooth exterior paint with silicon additives of | S.mt | 400 | 171.1 | |

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| 13 | Supplying and applying two coats of water proof cement paint (damp proof) of required shade @ 3.84 kg/ 10 Sqm including surface preparation by scrapping and sand papering. | S.mt | 400 | 116.90 | |
| 14 | ENAMEL PAINT P & L approved shade and colour of synthetic Enamel Paint of approved brand (Asian / Burger) on wooden / M.S. doo / Windows / Shutters Shutter with Red Oxide Base with scrubbing, preparation of base etc. complete. Note : Enamel paint on wooden work will be executed after applying anti-termite protection oil of approved make as per architects instruction. Note : All material will be deposited/kept in bank store room with all necessary bills satisfying the bank / architect to assure the quality of material used on site. | S.mt | 100 | 120.00 | |
| 15 | Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer, 3 mm thick water proofing membrane, black finished reinforced with glass fibre matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufactured of density at 25°C, 0.87 - 0.89 kg/litre and viscosity 70 - 160 cps. Over the primer coat the layer of membrane shall be laid using butane torch and sealing all joints etc., and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 350/300 N/5 cm. Tear strength in longitudinal and transverse direction as 60/80N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane : 3 mm thick | Sqm | 200 | 534 | |
| 16 | Supply and application of Dr Fixit Crack - X Paste in after opening the cracks | KG | 10 | 300 | |
| 17 | Cement Mortar in joints of roof and Parapet Cement mortar 1:3 (1cement : 3 coarse sand) . Average thickness of 40 mm, to horizontal surfaces | Cum | 2 | 13378 | |
| 18 | Supply and application of Dr Fixit Rain coat in two coats in parapet wall @ 40 Square Feet/Liter/ Coat | Liter | 50 | 300 | |
| 19 | Removing loose material from roof slab / parapet wall by chipping and scrubbing the surface with wire brush. Final Surface is to be made free from dust by water jet cleaning | Sqm | 200 | 20 | |
| GRAND TOTAL AMOUNT | | | | | |
| GST extra as applicable | | | | | |