

NIT

ESTIMATE NAME :- CONSTRUCTION OF ADDITIONAL ROOMS

PLACE OF WORK :- AT WARD NO. 55 GOVT. ENG MED H.S SCHOOL SEC-06.

ESTIMATE HAS BEEN PREPARED AS PER SOR PWD (B& R) W.E.F. 1.01.2015

S.NO.	ITEM	QTY	PER
1	Demolishing cement concrete including disposal of material within 50 metre lead 1:4:8 or leaner mix	2.32	CUM
2	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: Cold twisted bar / Hot rolled deformed steel	5348.2	kg
3	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Columns, Pillars, Piers and likes- rectangular or square in shape	120	sqm
4	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ) SLAB	200	sqm
5	Beams, lintels, cantilevers & walls LINTEL BEAM , SLAB BEAM, CROSS BEAM ACROSS COLUMNS, CHAJJA	136.2	sqm
6	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size) COLUMNS, LINTEL BEAM, SLAB BEAM,CROSS BEAM ACROSS COLUMNS, SLAB, CHAJJA , COLUMNS, LINTEL BEAM, SLAB BEAMSLAB	53.482	cum
7	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	53.482	cum
8	Brick work with modular fly-ash lime bricks (FALG Bricks) conforming to IS 12894-2002 of class designation 40 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand) LONG WALL, SHORT WALL, PARTITION WALL, DEDUCT WINDOWS, DEDUCT DOORS	17.87	cum
9	6mm thick cement plaster of mix: In Cement mortar 1:3 (1 cement : 3 fine sand)	176	sqm
10	12mm thick cement plaster of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand) FOR WALLS,DEDUCT COLUMN AREA FOR SHORT WALL, DEDUCT COLUMN AREA FOR LONG WALL, DEDUCT FOR OPENINGS	185.73	sqm
11	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand) WALLS,DEDUCT COLUMN AREA FOR SHORT WALL, DEDUCT COLUMN AREA FOR LONG WALL, DEDUCT FOR OPENINGS	424.75	sqm
12	Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement 40 mm thick	210	sqm
13	Providing and laying ceramic glazed floor tiles conforming to IS 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc , complete Size 300x300mm	280	sqm

14	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete. Size upto 200x300mm	32	sqm
15	Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Alltek Superfine W/R of (NCL), Asian, ICI, Nerolac, J.K. wall putty) on walls to make the surface smooth and even. 12 mm plaster area 06 MM PLASTERED AREA	361.73	sqm
16	Finishing walls with water proofing cement paint to give an even shade. On new work (Two or more coats) 12 mm plaster area, 15 mm plaster area	610.48	sqm
17	Painting on new work (two or more coats) to give an even shade with: SATIN SYNTHETIC ENAMEL PAINT, DOORS WINDOWS GRILLS	55	sqm
18	Painting exterior surface with TEXTURED exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with On new work (Two or more coats) 15 mm plaster area	610.48	sqm
19	Providing and fixing steel door/ window with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of red oxide zinc chromate primer. DOORS, WINDOWS	875	KG
20	Providing and fixing steel door made of angle iron of suitable sizes with M.S. grill of approved pattern made of M.S. flats or square or round bars coat of red oxide zinc chromate primer. DOOR	400	KG
21	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer 50KG/UNIT	700	KG
22	Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness) conforming to IS: 733, IS: 1285 mitred and jointed mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/ floor with fixing clips or hold fasteners or bolts and nuts as required aluminium sections shall be anodized transparent or dyed to approved shade according to IS: 1868, minimum anodic coating shall be of grade AC-15. (Glazing to be paid for separately:	124.112	KG

23	Providing and fixing 12mm thick pre-laminated particle board flat pressed with decorative lamination and balancing lamination on specified sides exterior Grade – I MDF Board 12 mm thick confirming to IS:14587, including fixed in aluminium doors, windows shutters and partition frames with C.P. brass/ stainless steel screws etc. complete. With decorative lamination on one side and balancing lamination on other side.	5.89	SQM
24	Providing and fixing of six/seven levers branded and approved mortise lock. (Ch.-9.55)	4	EACH
25	Providing and fixing powder coated aluminium tower bolts (Barrel type) with necessary M.S. screws etc complete. 1) 250 x10mm. (Ch.-8.128.1)	10	EACH
26	Providing and fixing powder coated aluminium door handles 2.5mm thick with necessary M.S. screws etc complete. 1) 250 x10mm. (Ch.-8.128.1)	20	EACH
27	Providing and fixing stainless steel butt hinges IS : 12817 marked with necessary stainless steel screws etc complete. 100x2.5mm (heavy)	20	EACH


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