

OFFICE OF THE MUNICIPAL CORPORATION, BHILAI

Detailed NIT

NAME OF WORK :- जोन 01 अंतर्गत शासकीय आवास क. F/2,FB-04,Fb-03 में संधारण कार्य।

S.N.	Description and details of work	QTY	UNIT
1	Repairs to plaster in patches of area 2.5 sq. metres and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls with cement mortar 1:4 (1 cement : 4 fine sand) complete including disposal of rubbish to the dumping ground within 50metres lead : Thickness upto 15mm	500	sqm
2	Providing and replacing broken floor tile with vitrified floor tiles with soluble salt printing, of size 600x600mm with water absorption less than 0.5% and conforming to IS : 15622 of approved make, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including removing the broken tile and mortar, grouting the joints with white cement and matching pigments etc. complete:	20	sqm
3	Providing and applying plaster of paris putty over plastered wall surface including scaffolding complete		
	Upto 2 mm thickness to make surface even and smooth in line and level.	1000	sqm
4	Providing and applying plaster of paris putty over plastered ceiling surface including scaffolding complete.		
	More than 2 mm thickness to make surface even and smooth in true plumb and line and level.	100	sqm
5	Wall painting with acrylic premium emulsion (plastic) paint of required shade to give an even shade		
	On new work (two or more coats)	1000	sqm
	On old work (one or more coats)	200	sqm
6	Providing and fixing flush door shutters, conforming to IS : 2202 (Part-I), decorative type core of block board construction with frame of first class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters excluding hinges.		
	35 mm. thick (single leaf)	14.7	sqm
7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This included jointing of pipes & fittings with one step CPVC solvent cement, renching, refilling & testing of joints complete as per direction of Engineer in Charge.		
	20 mm nominal outer dia pipes	100	metre
8	Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:		
	Bib cock (400 grams)	20	each

S.N.	Description and details of work	QTY	UNIT
9	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, outlet and overflow pipes but without fittings and the base support for tank	1500	ltr
Electrical SOR			
1	Wiring for light/ fan/ exhaust fan / call bell point with 3x1.5 sqmm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) with 5/6 amp piano type switch, phenolic laminated sheet, suitable size M.S. box etc as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)		
	Short Point	10	Point
	Medium Point	10	Point
2	Supplying and fixing following modular switch, socket, other accessories on the existing modular plate & switch box including connections but excluding modular plate etc. as per specification.		
	5/6 amps one way switch	30	Each
3	Supplying, installation, testing and commissioning of following LED tube light fitting {Inverter Type: with builtin battery backup} including batten with Electronic Driver Heat sink Capacitor complete with all other accessories on surface/ in false ceiling, including connection, earthing etc complete as per specification. IP20, P.F. should be greater than 0.9. LED chip efficacy ratio ≥ 100 lumens /watt.		
	20 watt	10	Each

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