

**CHHATTISGARH HOUSING AND INFRASTRUCTURE DEVELOPMENT BOARD, DIVISION -
KORBA**

SCHEDULE OF ITEM

**REMAINING CONSTRUCTION WORK OF RESIDENTIAL QUARTER AT P.H.C AT RANJNA BLOCK-
KATGHORA DIST.-KORBA (C.G.)**

S.N O.	SOR ITEM CODE	PARTICULAR	UNIT	RATE	RATE IN WORDS
1	2	3	4	5	6
	1.1-	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.			
1	1.1.1-	In all types of soil	cum	185.00	Rupees One Hundred Eighty Five Only
	1.6-	Extra for every additional lift of 1.5 m or part thereof.			
2	1.6.1	All types of soil	cum	26.500	Rupees TwentySix Paise Fifty Only
3	1.18-	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	cum	371.00	Rupees Three Hundred Seventy One Only
	2.1-	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:			
4	2.1.1-	Foundations, footings, base of columns and plinth beam in any shape and size.	sqm	139.00	Rupees One Hundred ThirtyNine Only
5	2.1.5-	Columns, Pillars, Piers and likes- rectangular or square in shape	sqm	297.00	Rupees Two Hundred NinetySeven Only
6	2.1.7-	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	sqm	235.00	Rupees Two Hundred ThirtyFive Only
7	2.1.8-	Beams, lintels, cantilevers & walls	sqm	202.00	Rupees Two Hundred Two Only
8	2.1.13	Weather shade, chhajja, Cornices and mouldings	sqm	294.00	Rupees Two Hundred NinetyFour Only
9	2.1.15	Stair cases of all types excluding spiral and folded plate type, including risers and landings	sqm	230.000	Rupees Two Hundred Thirty Only
	3.10	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.			
10	3.1.2	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).	cum	2659.00	Rupees Two Thousand Six Hundred FiftyNine Only

S. NO.	SOR ITEM CODE	PARTICULAR	UNIT	RATE	RATE IN WORDS
1	2	3	4	5	6
	3.2-	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.			
11	3.2.1-	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	cum	4163.00	Rupees Four Thousand One Hundred SixtyThree Only
12	3.4	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:			
		Ground Floor	cum	97.50	Rupees Ninety Seven Paise Fifty Only
		first Floor	cum	195.00	Rupees One Hundred NinetyFive Only
		Second Floor	cum	292.50	Rupees Two hundread nonety two and Fifty paise Only
	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending etc. complete as per drawings including cost of binding wire all complete:			
13	3.12.1	Thermo-Mechanically treated bars FE 415	kg	54.50	Rupees Fifty Four Paise Fifty Only
14	3.13-	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including formwork.	cum	4237.00	Rupees Four Thousand Two Hundred ThirtySeven Only
	7.5-	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 40 in foundation and plinth in:			
15	7.5.4-	Cement Mortar 1:6 (1 cement : 6 coarse sand)	cum	3263.00	Rupees Three Thousand Two Hundred SixtyThree Only
16	7.6-	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth			
		Ground Floor	cum	121.00	Rupees One Hundred Twenty One Only
		First Floor	cum	242.00	Rupees Two Hundred Fourty Two Only
		Second Floor	cum	363.00	Rupees Three Hundred Sixty Three Only
16A	7.11	Half brick thick brick masonry with fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in superstructure above plinth level upto plinth level:			
	7.11.2	Cement Mortar 1:4 (1 cement : 4 coarse sand)	sqm	382.00	Rupees Three Hundred EightyTwo Only
16B	7.12	Extra for half brick work in superstructure above plinth level for every story or part thereof in addition to rate for upto plinth level:	sqm	11.00	Rupees Eleven Only

N O.	SOR ITEM CODE	PARTICULAR	UNIT	RATE	RATE IN WORDS
1	2	3	4	5	6
	8.12-	Providing and fixing flush door shutters, interior grade, commercial type, core of block board construction with frame of first class hard wood and well matched commercial ply veneering with vertical grains, cross bands and face veneers on both faces of shutters excluding hinges.			
17	8.12.2	35 mm. thick (single leaf)	sqm	2005.00	Rupees Two Thousand and Five Only
18	8.56	Providing and fixing stainless steel wire mesh of average width of aperture 1.56mm with wire of dia 0.45mm to doors, windows and clerestory windows including 19x12mm teak wood beading etc. complete.	SQM	649.00	Rupees Six Hundread Fourty Nine Only
	8.79	Providing and fixing antique/ SS finished brass sliding door bolt with necessary bolts, nuts and antique/ SS polished MS screw complete:			
19	8.79.1	300x16mm	each	496.00	Rupees Four Hundred Ninety-Six Only
	8.80-	Providing and fixing antique/ SS finished brass door latch with antique/ SS polished MS screw complete:			
20	8.80.1	300 x16x5 mm	each	424.00	Rupees Four Hundred Twenty-Four Only
	8.81	Providing and fixing antique/ SS finished brass tower bolts (Barrel type) with antique/ SS polished MS screw complete:			
21	8.81.1	250 x10 mm	each	297.00	Rupees Two Hundred Ninety-Seven Only
	8.84	Providing and fixing antique/ SS finished brass handles with antique/ SS polished MS screw complete			
22	8.84.1	125 mm	each	58.50	Rupees Fifty Eight and Fifty Paise Only
23	8.90-	Providing & fixing 150mm antique/ SS finished brass floor door stopper with rubber cushion and antique/ SS polished MS screw complete to suit the shutter thickness.	each	77.00	Rupees Seventy Seven Only

N O.	SOR ITEM CODE	PARTICULAR	UNIT	RATE	RATE IN WORDS
1	2	3	4	5	6
24	8.150	Providing and fixing factory made 25mm thick PVC flush door shutters made out of a one piece Multi chamber extruded PVC section of the size of 762mm X 25mm or less as per requirement with an average wall thickness of 1mm \pm 0.3mm. PVC foam end cap of size 23x10mm are provided on both vertical edges to ensure the overall thickness of 25mm. An M.S. tube having dimensions 19mm x 19mm is inserted along the hinge side of the door. Core of the door shutter should be filled with High Density Polyurethane foam. The Top & Bottom edges of the shutter are covered with an end-cap of the size 25mm X 11mm. Door shutter shall be reinforced with special polymeric reinforcements as per manufactures' specification.	SQM	2583.00	Rupees Two Thousand Five Hundred EightyThree Only
24	8.151	Providing and fixing factory made P.V.C. door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet mitred at corners and joined with 2 Nos of 150mm long brackets of 15x15mm M.S. square tube, the vertical door profiles to be reinforced with 19x19mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100mm size complete as per manufacturers specification and direction of Engineer-in-Charge.	Rmt	346.00	Rupees Three Hundred Fourty Six Only
25	9.47.2	For shutter of doors, windows & ventilators including providing and making provision for fixing of fitting wherever required including the cost of PVC/ neoprene gasket required (Fittings shall be paid for separately).	KG	338.00	Rupees Three Hundred ThirtyEight Only
26	9.15-	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 of red oxide zinc chromate primer..	kg	67.50	Rupees Sixty Seven and Fifty Paise Only
	9.16	Providing and fixing M.S. frames of doors, windows, ventilators and cupboards joints mitred and welded with 15x3 mm lugs 10cm long embedded in cement concrete blocks 15x10x10cm of grade M-10 or with wooden plugs and screws or with dash fastener or rawl plugs and screws or with fixing clips or with bolts and nuts as required including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer			
27	9.16.1	Angle-iron frames	Kg	73.500	Rupees Seventy Three and Fifty Paise only

N O.	SOR ITEM CODE	PARTICULAR	UNIT	RATE	RATE IN WORDS
1	2	3	4	5	6
	9.51-	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of aluminium snap beading shall be paid in basic item).			
29	9.51.1	With float glass panes of 4 mm thickness	sqm	611.00	Rupees Six Hundred Eleven Only
	11.1-	Providing and making 6mm thick cement plaster of mix:			
30	11.1.2	In Cement Mortar 1:4 (1 cement : 6 fine sand)	sqm	87.00	Rupees EightySeven Only
	11.2-	Providing and making 12mm thick cement plaster of mix:			
31	11.2.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)	sqm	91.50	Rupees Ninty One and Fifty Paisa Only
	11.3-	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:			
32	11.3.4-	In Cement Mortar 1:6 (1 cement : 6 fine sand)	sqm	107.00	Rupees One Hundred Seven Only
33	11.5-	Neat Cement punning.	sqm	33.00	Rupees Thirty Three Only
34	12.50	KOTA stone slab 25mm thick in risers and treads of steps, skirting dado and pillar laid in 12mm (Average) thick cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete. (single stone is to be used for riser and treads of steps and the width of stone for skirting and dado shall be equal to the height of skirting/ dado up to length of 1.0 M.)	sqm	990.00	Rupees Nine Hundred Ninety Only
35	12.51	Extra for nosing in steps and treads of Kota stone slab.	mtr	69.50	Rupees Sixty Nine and Fifty Paisa Only
	12.75- AME	Providing and fixing rectified glazed ceramic wall / dado tiles of 1ST quality conforming to IS : 15622 of approved make, in all colours, shades 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.			
36	12.75.1	Size 300x450 mm thickness 7 to 8 mm	sqm	710.00	Rupees Seven Hundred Ten Only
	12.74- AME	Providing and fixing rectified glazed ceramic floor tiles of 1st quality conforming to IS : 15622-2017 of approved make in all colours, shades over 20 mm thick bed of Cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @3.3 kg per sqm including poing in white cement mixed with matching pigment complete.			

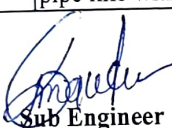
S.N.	SOR ITEM CODE	PARTICULAR	UNIT	RATE	RATE IN WORDS
1	2	3	4	5	6
37	12.74.1	Size 300x300 mm thickness 7 to 8 mm	sqm	779.00	Rupees Seven Hundred Seventy-Nine Only
	amendment	Providing and laying Glazed Vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0.5% and conforming to IS : 15622 of approved make in all colours and shades and size mentioned below (+/- 10mm), laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.			
38	12.76.1	Size 600x600mm thickness 9 to 10 mm	sqm	964.00	Rupees Nine Hundred Sixty-Four Only
39	14.13	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.	SQM	94.50	Rupees Ninty-Four and Fifty Paisa Only
	14.15	Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with:			
40	14.15.1	On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	sqm	56.00	Rupees Fifty Six Only
	14.10	Wall painting with acrylic premium emulsion (plastic) paint of required shade to give an even shade.			
41	14.10.1	On new work (two or more coats)	sqm	44.50	Rupees Forty-Four and Fifty Paisa Only
	14.22	Painting on new work (two or more coats) to give an even shade with:			
42	14.22.1	Satin synthetic enamel paint	sqm	55.00	Rupees Fifty Five Only
	18.76	Providing and fixing on wall face UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete.			
43	18.76.1	75 mm dia pipe.	metre	182.00	Rupees one Hundred Eighty Two Only
44	18.76.2	110 mm dia pipe	metre	267.00	Rupees Two Hundred Sixty Seven Only

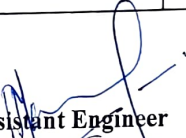
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1	2	3	4	5	6
45	18.76.3	150 mm dia pipe.	metre	440.00	Rupees Four Hundred Fourty Only
	18.78	Providing and fixing UV stabilized Unplasticised - PVC pipe clips of approved design to Rigid PVC pipes by means of 50x50x50mm hard wood plugs, screwed with M.S. screws of required length including cutting brick work and fixing in cement mortar 1:4 (1 ceme			
46	18.78.2	110 mm	each	61.00	Rupees Sixty One Only
	18.1-	Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS : 7231, with flush bend and other fittings and fixtures complete including			
47	18.1.3	White Orissa pattern W.C. pan of size 580x440 mm (Code No: 18.1.3)	each	2899.00	Rupees Two Thousand Eight Hundred NinetyNine Only
	18.4-	Providing and fixing vitreous china water closet (European type W.C.fittings and fixtures complete including cutting and making good the walls and floors wherever required : pan) with white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS : 7231, with all			
48	18.4.1	White pedestal type	each	2882.00	Rupees Two Thousand Eight Hundred EightyTwo Only
	18.17	Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required :			
49	18.17.2	White Size 550x400 mm	each	1408.00	Rupees Fourteen Hundread Eight Only
	18.22	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink without drain board as per IS 13983 with C.I. brackets and stainless steel plug 40 mm including painting of fittings and brackets, cutting and making good the walls wherever required :			
50	18.22.3	410x355 mm bowl depth 165 mm.	each	4396.00	Rupees Four Thousand Three Hundred NinetySix Only
	18.77	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for therma			
	18.77.2	Double "Y" with or without door			

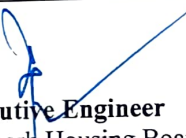
S.N.	SOR ITEM CODE	PARTICULAR	UNIT	RATE	RATE IN WORDS
1	2	3	4	5	6
51	18.77.2. 2	110 mm	each	224.00	Rupees Two Hundred TwentyFour Only
	18.77.1	Tee/ Tee with door/ Bend 45°/ Bend 90°			
52	18.77.1. 2	110 mm bend	each	154.00	Rupees One Hundred FiftyFour Only
	18.77.3	Vent covel			
53	18.77.3. 2	110 mm	each	44.00	Rupees FourtyFour Only
54	18.77.5	P trap 110mmx110mm long	each	227.00	Rupees Two Hundread Twenty Seven Only
55	18.77.6	Nahani trap 110x75mm	each	90.50	Rupees Ninety Paise and Fifty Only
	19.5-	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 mspacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good thesame including testing of joints complete as per direction of Engineer in Charge. CONCEALED WORK including cutting chases and making good thewalls etc.,			
56	19.5.1	15 mm nominal outer dia .Pipes.	MET	133.00	Rupees One Hundred ThirtyThree Only
57	19.5.3	25 mm nominal outer dia .Pipes.	MET	213.00	Rupees Two Hundred Thirteen Only
58	19.5.4	32 mm nominal outer dia .Pipes	MET	284.00	Rupees Two Hundred Eighty four Only
	19.14	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:			
59	19.14.1	Bib cock (400gms)	each	382.00	Rupees Three Hundred Eighty Two Only
60	19.14.2	Long nose bib cock (500gms)	each	455.00	Rupees Four Hundred Fifty Five Only
61	19.14.6	Stop cock (concealed) (600gms)	each	494.00	Rupees four Hundred ninety four only
62	19.14.4	Piller Cock (400 grams)	each	398.00	Rupees Three Hundred Ninety Eight Only
63	19.14.7	Angle valve for basin mixer and geyser points (450 grams)	each	382.00	Rupees Three Hundred Eighty Two Only

	SOR ITEM CODE	PARTICULAR	UNIT	RATE	RATE IN WORDS
	2	3	4	5	6
	19.14.9	Kitchen sink mixer with cast swivel spout (1000 grams)	each	1248.00	Rupees one thousand two hundred fourty eight only
65	19.14.1 5	Shower rose (revolving type) (150mm)	each	269.00	Rupees Two Hundred Sixty Nine Only
66	19.14.1 9	Health foscet (hand jet) with flexible connection pipe (for WC)	each	774.00	Rupees Seven Hundred Seventy Four Only
67	19.15	Providing and fixing stainless steel drain jali of approved make/quality.	each	51.00	Rupees Fifty One Only
	19.16	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end):			
68	19.16.1	25 mm nominal bore	each	436.00	Rupees four hundred thirty six only
69	19.42	Providing and placing on terrace (at all levels) polyethylene water storage tank ISI 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.	Ltr	7.30	Rupees Seven and Thirty Paise Only
	20.2-	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete 150mm thick as per standard design:			
70	20.2.2	150 mm diameter S.W. pipe	MET	436.00	Rupees Four Hundred ThirtySix Only
71	10.41	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10mm and down grade) including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design.	Mtr	68.00	Rupees Sixty Eight Only
	4.13	Grading roof for water proofing treatment with: Cement concrete 1:2;4 (1 cement : 2 coarse sand :4 graded stone aggrigate 20mm nominal size)			
72	4.13.1	Terrace	Cum.	3817.00	Rupees Three Thousand Eight Hundred Seventeen Only

S.N.	SOR ITEM CODE	PARTICULAR	UNIT	RATE	RATE IN WORDS
1	2	3	4	5	6
	20.29	Providing and constructing brick masonry chamber for underground pipe and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) RCC cover of suitable size and 75mm thick with 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) including reinforcement 8mm dia bars at 150mm both ways and MS hooks for lifting, including foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :			
73	20.29.3	Inside dimensions 600x 850 mm and 45 cm deep for pipe line with three or more inlet	each	2619.00	Rupees two thousand six hundred nineteen only


Sub Engineer
 Chhattisgarh housing Board
 Division-Korba (C.G.)


Assistant Engineer
 Chhattisgarh Housing Board
 Division-Korba (C.G.)


Executive Engineer
 Chhattisgarh Housing Board
 Division-Korba (C.G.)