

SCHEDULE OF ITEM

FOR CONSTRUCTION OF BALANCE/REMAINING WORK OF RESEDENTIAL QUARTER AT P.H.C AT PASAN BLOCK- PODI UPRODA, DIST.-KORBA (C.G.)

S.NO.	SOR ITEM CODE	PARTICULAR	UNIT	RATE	RATE IN WORDS
1	2	3	4	5	6
1	1.2	Surface dressing of the ground including removing vegetation and making up undulations and inequalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).	sqm	7.20	Rupees Seven Paise Twenty Only
2	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-	In all types of soil	cum	185.00	Rupees One Hundred Eighty Five Only
3	1.6-	Extra for every additional lift of 1.5 m or part thereof.			
	1.6.1	All types of soil	cum	26.500	Rupees TwentySix Paise Fifty Only
4	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
5	2.1-	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:			
6	2.1.5-	Columns, Pillars, Piers and likes- rectangular or square in shape	sqm	297.00	Rupees Two Hundred NinetySeven Only
7	2.1.7-	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	sqm	235.00	Rupees Two Hundred ThirtyFive Only
8	2.1.8-	Beams, lintels, cantilevers & walls	sqm	202.00	Rupees Two Hundred Two Only
9	2.1.13	Weather shade, chhajja, Cornices and mouldings	sqm	294.00	Rupees Two Hundred NinetyFour Only
10	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
11	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.			
	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

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1	2	3	4	5	6
12	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.			
	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
	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:			
13		Ground Floor	cum	97.50	Rupees Ninety Seven Paise Fifty Only
14		first Floor	cum	195.00	Rupees One Hundred NinetyFive Only
15		Second Floor	cum	292.50	Rupees Two hundred ninety 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:			
16	3.12.1	Thermo-Mechanically treated bars FE 415	kg	54.50	Rupees Fifty Four Paise Fifty Only
17	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:			
	7.5.4-	Cement Mortar 1:6 (1 cement : 6 coarse sand)	cum	3263.00	Rupees Three Thousand Two Hundred SixtyThree Only
	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			
18		Ground Floor	cum	121.00	Rupees One Hundred Twenty One Only
19		First Floor	cum	242.00	Rupees Two Hundred Fourty Two Only
20		Second Floor	cum	363.00	Rupees Three Hundred Sixty Three Only
21	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
22	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

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1	2	3	4	5	6
23	8.16	Providing And Fixing Pvc Membrane Foil Coated (Laminated) Flush Door Shutters, Made With Core Of Block Board With Frame Of First Class Hard Wood, Coated With 0.30mm Membrane Pasted With Resin Using Vacuum Treatment Process Complete All But Excluding Hinges.			
	8.16.1	35 mm Thick (Single Leaf)	sqm	1982	One thousand nine hundred eighty two rupees and zero paisa only.
24	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	Rupees Six Hundred Fourty Nine Only
25	8.137	Providing And Fixing Stainless Steel Sliding Door Bolts With 16mm Rod, 2.5mm Thick Flap, Necessary Stainless Steel Nuts Bolts And Screws Etc Complete.			
	8.137.2	250mm	each	228	Two hundred twenty eight rupees and zero paisa only.
26	8.138	Providing And Fixing Stainless Steel Door Latch With 12mm Rod, 2.5mm Thick Flap, Necessary Stainless Steel Screws Etc Complete.			
	8.138.2	250mm	each	85	Eighty five rupees and zero paisa only.
27	8.139	Providing And Fixing Stainless Steel Tower Bolts (Barrel Type) With Necessary Stainless Steel Screws Etc Complete.			
	8.139.4	100 X10mm	each	41	Forty one rupees and zero paisa only.
28	8.141	Providing And Fixing Stainless Steel "D" Shape Door Handles Made Of 10mm Dia Rod With Necessary Stainless Steel Screws Etc Complete.			
	8.141.2	150 mm	each	49.50	Forty nine rupees and fifty paisa only.
29	8.143	Providing And Fixing Stainless Steel Hanging Door Stopper With Necessary Stainless Steel Screws Complete.	each	65	Sixty five rupees and zero paisa only.
	8.143.2	Double			

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1	2	3	4	5	6
30	8.15	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 manufacturer specification.	sqm	2583.00	Rupees Two Thousand Five Hundred EightyThree Only
31	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
32	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
33	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			
	9.16.2	Angle-Iron Frames	Kg	73.500	Seventy three rupees and fifty paise only.
34	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);			
	9.51.2	With float glass panes of 5 mm thickness	sqm	708.00	Rupees Seven Hundred Eight Only
35	11.1-	6 mm thick cement plaster of mix:			
	11.1.2	In Cement Mortar 1:4(1 cement : 6 fine sand)	sqm	87.00	Rupees EightySeven Only
36	11.2-	12mm thick cement plaster of mix:			
	11.2.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)	sqm	91.50	Rupees Ninty One and Fifty Paise Only

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1	2	3	4	5	6
37	11.3-	15mm thick cement plaster on the rough side of single or half brick wall of mix:			
	11.3.4-	In Cement Mortar 1:6 (1 cement : 6 fine sand)	sqm	107.00	Rupees One Hundred Seven Only
38	11.5-	Neat Cement punning.	sqm	33.00	Rupees Thirty Three Only
39	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	sqm	990.00	Rupees Nine Hundred Ninety Only
40	12.51	Extra for nosing in steps and treads of Kota stone slab.	mtr	69.50	Rupees Sixty Nine and Fifty Paise Only
41	13.3	15 mm thick Marble work (machine cut, table rubbed & polished) for kitchen platform, vanity counters, window sills and similar locations of required size laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) including joints treated with white cement mixed with matching pigment including rubbing and polishing to edge moulding to give high gloss finish			
	13.3.5	Udaipur green marble	sqm	1808.00	One thousand eight hundred eight rupees and zero paise only.
42	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			
	12.75.1	Size 300x450 mm thickness 7 to 8 mm	sqm	710.00	Rupees Seven Hundred Ten Only
43	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 pointing in white cement mixed with matching pigment complete.			
	12.74.1	Size 300x300 mm thickness 7 to 8 mm	sqm	779.00	Rupees Seven Hundred Seventy-Nine Only

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1	2	3	4	5	6
44	amendme nt	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.			
	12.76.1	Size 600x600mm thickness 9 to 10 mm	sqm	964.00	Rupees Nine Hundred Sixty-Four Only
45	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 <u>surface smooth and even.</u>	sqm	94.50	Rupees Ninty-Four and Fifty Paisa Only
46	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 <u>surface etc. complete with:</u>			
	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
47	14.10	Wall painting with acrylic premium emulsion (plastic) paint of required			
	14.10.1	shade to give an even shade.On new work (two or more coats)	sqm	44.50	Rupees Forty-Four and Fifty Paisa Only
48	14.22-	Painting on new work (two or more coats) to give an even shade with:			
	14.22.1-	Satin synthetic enamel paint (top most approved branded quality)	sqm	55.00	Rupees Fifty Five Only
49	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 <u>thermal expansi</u>			
	18.76.2	110 mm dia pipe	Mtr	267.00	Rupees Two Hundred Sixty Seven Only
50	18.76.3	150 mm dia pipe.	Mtr	440.00	Rupees Four Hundred Fourty Only
51	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			
	18.78.2	110 mm	each	61.00	Rupees Sixty One Only

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1	2	3	4	5	6
52	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			
	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
53	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			
	18.4.1	White pedestal type	each	2882.00	Rupees Two Thousand Eight Hundred EightyTwo Only
54	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 :			
	18.17.2	White Size 550x400 mm	each	1408.00	Rupees Fourteen Hundread Eight Only
55	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 :			
	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			
56	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°			
57	18.77.1.2	110 mm bend	each	154.00	Rupees One Hundred FiftyFour Only
58	18.77.3	Vent cover			
	18.77.3.2	110 mm	each	44.00	Rupees FourtyFour Only
59	18.77.6	Nahani trap 110x75mm	each	90.50	Rupees Ninety Paise and Fifty Only

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1	2	3	4	5	6
	19.5-	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes in concealed in wall, 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 m spacing. This includes			
60	19.5.1	15 mm nominal outer dia .Pipes.	Mtr	133.00	Rupees One Hundred ThirtyThree Only
61	19.5.2	20 mm nominal outer dia .Pipes.	Mtr	167.00	Rupees One Hundred Sixty Seven Only
62	19.5.3	25 mm nominal outer dia .Pipes.	Mtr	213.00	Rupees One Hundred SixtySeven Only
63	19.5.4	32 mm nominal outer dia .Pipes	Mtr	284.00	Rupees Two Hundred Thirteen Only
	19.6	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, Trenching, Refilling & Testing Of Joints Complete			
		External Work			
64	19.6.3	25 mm Nominal Outer Dia Pipes	Mtr	165.00	One hundred sixty five rupees and zero paisa only.
65	19.6.4	32 mm Nominal Outer Dia Pipes	Mtr	228.00	Two hundred twenty eight rupees and zero paisa only.
66	19.6.5	40 mm Nominal Outer Dia Pipes	Mtr	300.00	Three hundred rupees and zero paisa 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:			
67	19.14.1	Bib cock (400gms)	each	382.00	Rupees Three Hundred EightyTwo Only
68	19.14.2	Long nose bib cock (500gms)	each	455.00	Rupees Four Hundred FiftyFive Only
69	19.14.6	Stop cock (concealed) (600gms)	each	494.00	Rupees four hundread ninety four only
70	19.14.4	Piller Cock (400 grams)	each	398.00	Rupees Three Hundred NinetyEight Only
71	19.14.7	Angle valve for basin mixer and geyser points (450 grams)	each	382.00	Rupees Three Hundred EightyTwo Only
72	19.14.15	Shower rose (revolving type) (150mm)	each	269.00	Rupees Two Hundread Sixty Nine Only
73	19.15	Providing and fixing stainless steel drain jali of approved make/quality.	each	51.00	Rupees FiftyOne Only

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1	2	3	4	5	6
74	19.16	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end):			
	19.16.1	25 mm nominal bore	each	436.00	Rupees four hundred thirty six only
75	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
76	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:			
	20.2.2	150 mm diameter S.W. pipe	Mtr	436.00	Rupees Four Hundred ThirtySix Only
77	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
78	3.1	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.			
	3.1.5	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	Cum	4073.00	Rupees Four Thousand SeventyThree Only
79	4.13	Grading roof for water proofing treatment with: Cement concrete 1:2;4 (1 cement : 2 coarse sand :4 graded stone aggregate 20mm nominal size)			
	4.13.1	Terrace	Cum.	3817.00	Rupees Three Thousand Eight Hundred Seventeen Only
80	18.11	Providing and fixing 15 mm nominal bore C.P copper connection pipe with C.P brass nuts collar and PVC bush of approved quality:			
	18.11.2	45 CM length	each	239.00	Rupees Two Hundred ThirtyNine Only
81	19.14.20	CP brass water jet to be fixed in 'seat cover of WC with flexible connection pipe	set	577.00	Rupees Five Hundred SeventySeven Only
82	20.31	Providing and constructing soak pit 1.20x1.20x1.20m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.	each	1709.00	Rupees One Thousand Seven Hundred Nine Only

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1	2	3	4	5	6
83	19.47	Constructing masonry Chamber 30x30x50 cm, inside with modular well burnt clay bricks of 35 kg/cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12mm thick finished with a floating coat of neat cement complete as per standard design :	each	754.00	Rupees Seven Hundred FiftyFour Only
84	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 :			
	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 hundread nineteen only


Sub Engineer
 Chhattisgarh Housing &
 Infrastructure Development Board
 Division - Korba


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


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