

, Annexure - I
Detailed Estimate For Renovation of Bungalow Number – 5

SL. NO	ITEM NO.	DESCRIPTION OF ITEM	NOS.	LENGTH	WIDTH	HIGHT/ DEPTH	MF	TOTAL QUANTITY	UNIT	Rate	Amount
				(M)	(M)	(M)				Rs.	Rs.
1	5.10.7	Dismantling old plaster and pointing in cement or lime and raking out joints to 15 mm. depth, watering and disposal of unserviceable materials with all leads all complete as per direction of E/l.									
		External Plaster									
		Front and Back side	2	100.000		14.000		2800.000			
		Right and Left side	2	42.917		14.000		1201.676			
		Boundary Wall	4	31.000		7.500		930.000			
			2	86.500		7.500		1297.500			
								6229.176	A		
		Total External Plaster									
		Internal Plaster									
		Varandah	1	10.000	96.667	14.000		2986.676			
		Room 1	5	18.000	18.000	14.000		5040.000			
		Room 2	6	8.250	12.167	14.000		3430.056			
		Room 3	1	8.250	13.833	14.000		618.324			
		Deduction									
		Steel Door	-3	3.000		7.000		-63.000			
		MS Grill	-11	7.500		7.000		-577.500			
		D2	-17	3.000		7.000		-357.000			
		W1	-6	3.000		4.000		-72.000			
		W3	-3	4.000		5.000		-60.000			
		Total Internal Plaster						10945.556	B		
		Total Internal and External Plaster						17174.732	SFT		
		Taking 10%						1717.473	SFT		
		Total						159.616	SQM		
2	5.7.3	Providing 12 mm thick water proof cement plaster (1:3) with clean coarse sand of F.M 1.5 with 5% cico or									
		Total Plaster						17174.732	SFT		
		Taking 10%						1717.473	SFT		

SL. NO	ITEM NO.	DESCRIPTION OF ITEM	NOS	LENGTH	WIDTH	HIGHT/ DEPTH (M)	MF	TOTAL QUANTITY	UNIT	Rate	Amount
		Total						159.616			
3	DSR 13.80	Providing and applying white cement based putty of average thickness 1mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.									
		Same as Internal Plaster						10945.556			
		Taking 20%						2189.111	A		
		Same as External Plaster						6229.176			
		Taking 30%						1868.753	B		
		Total (A+B)						4057.864	SQM		
		Total						377.125			
4	5.8.18	Providing two coats of oil bound distemper of approved shade and make over a coat of cement primer over new surface including preparing the plastered surface by rubbing smooth with pumice stone or fine sand paper, applying putty wherever required, scaffolding, washing of floors and taxes all complete as per building specification and direction of E/I.									
		Same as Internal Plaster						10945.556			
		Taking 100% of Total internal Plaster						10945.556			
		Total						1017.245	SQM		
5	DSR/ 13.111.1	Finishing walls with Acrylic Smooth exterior paint of required shade : Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface									
		Same as external Plaster						6229.176			
		Taking 100% of Total External Plaster						6229.176	SFT		
		Total						578.920	SQM		

SL. NO	ITEM NO.	DESCRIPTION OF ITEM	NOS.	LENGTH	WIDTH	HIGHT/ DEPTH (M)	MF	TOTAL QUANTITY	UNIT	Rate	Amount
10	5.4.1	Supplying, fitting and fixing good quality, well dressed and well seasoned sal wood work in chaukhat in doors, windows, skylight, fanlights and celestial windows openings, including wedge over clamps all complete including application of two coats of wood preservative of approved quality on the surface butting walls and lintels all complete as per building specification and direction of E/I.									
		For Chaukhat									
		D2	6	13.000	0.417	0.250		8.125			
		W1	4	14.000	0.417	0.250		5.833			
		W3	2	18.000	0.417	0.250		3.750			
		Total Chaukhat						17.708	CFT		
		Taking 30%						5.313	CFT		
		Total						0.150	Each		
11	5.4.22	Supplying, Fitting and fixing 38 mm thick good quality, well dressed and well seasoned sal wood 1/3 rd glazed and 2/3 paneled shutters in doors and windows with 25 mm thick panels with one side plain and other side chamfered with aluminum fittings such as hinges, sliding doors, bolts, tower bolts, handles or rings, hooks and eyes cleats, sand blocks as per schedule and 3 mm thick plain glass panes fitted with sal wood beads and taxes all complete as per building specification and direction of E/I.									
		D2	6	3.000	7.000			126.000			
		W1	4	3.000	4.000			48.000			
		W3	2	4.000	5.000			40.000			
		Total						214.00	SFT		
		Taking 30%						64.200			
		Total						5.97	SQM		

SL. NO	ITEM NO.	DESCRIPTION OF ITEM	NOS.	LENGTH	WIDTH	HIGHT/ DEPTH	MF	TOTAL QUANTITY	UNIT	Rate	Amount
				(M)	(M)	(M)				Rs.	Rs.
12	5.4.18	Supplying, fitting and fixing 38 mm thick good quality, well dressed and well seasoned sal wood fully glazed shutters in windows with iron fittings such as hinges, sliding doors, bolts, tower bolts, handles or rings, sand blocks as per schedule and 3 mm thick plain glass fitted with sal wood beads, taxes all complete as per building specification and direction of E/I.									
		W1	4		3.000	4.000		48.000			
		W3	2		4.000	5.000		40.000			
		Total						88.00	SFT		
		Taking 30%						26.400			
								2.454	SQM		
13	5.8.40	Labour for scrapping old paint with paint remover and blow lamp as required on wooden or steel surface including cost of all labour and materials and scaffolding all complete as per building specification and direction of E/I.									
		Door area	1	214.000			2.6	556.400			
		Windows area	1	88.000			2.6	228.800			
		Main Gate on Boundary Wall	2		12.500	7.000	2.6	455.00			
			11		2.000	11.000	2.6	629.20			
		Total						1869.400	SFT		
		Total						173.736	SQM		
14	5.8.31	Providing two, coats of synthetic enamel paint of approved shade and make over old wooden surface including cleaning the surface after removing dirt, scales, smokes, grease and sand papering, including cost of scaffolding and taxes all complete as per building specification and direction of E/I.									
		Same as old paint scrap	1					173.74			
		Total						173.74	SQM		

SL. NO	ITEM NO.	DESCRIPTION OF ITEM	NOS	LENGTH	WIDTH	HIGHT/ DEPTH	MF	TOTAL QUANTITY	UNIT	Rate	Amount
				(M)	(M)	(M)				Rs.	Rs.
15	5.10.18	Taking down single layer naria tiles, carefully stacking, properly on ground within 15M. lead and disposal of debris with all leads complete as per direction of E/I.									
		Roof Sheet	1	45.917	104.00			4879.368			
		25% Extra For Slope etc.						1219.842			
		Total						6099.21	SFT		
		Total						566.84	SQM		
16	DSR/ 12.48	Providing & fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be paid separately).									
		Roof Sheet Same as Old Dismantle						566.841	SQM		
17	5.10.4	Dismantling patent stone floor including stacking serviceable materials in countable stacks within 15M. lead and disposal of unserviceable materials with all leads all complete as per direction of E/I.									
		Ground Floor									
		Dismantling For Paver Block	1	4908.205	Area			4908.205	SFT		
		Taking 5%						245.410	SFT		
		Total						22.808	SQM		
18	5.8.20	Providing two coats of plastic emulsion paint of approved shade and make over old surface including washing, cleaning and preparing the walls, scaffolding , washing of floor and taxes all complete as per building specification and direction of E/I.									
		Varandah	1	10.000	96.667			966.67			
		Room 1	5	18.000	18.000			1620.00			
		Room2	6	8.250	12.167			602.27			
		Room 3	1	8.250	13.833			114.12			
						Total		3303.06	SFT		
						Or		306.98	M ²		

SL. NO	ITEM NO.	DESCRIPTION OF ITEM	NOS	LENGTH	WIDTH	HIGHT/DEPTH	MF	TOTAL QUANTITY	UNIT	Rate	Amount
				(M)	(M)	(M)				Rs.	Rs.
21	5.3.8	Making plinth protection 50 mm thick of cement concrete 1:3:6 (1 cement: 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75 mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand including finishing the top smooth.									
		Total area till Brick Drain	1	15.000	0.600			9.00			
		Total						9.00	SQM		
22		Carriage of Material									
		Sand	30 km					2.993	Cum		
		Aggregate	58 km					0.423	Cum		
		Brick	(1+7)k m					0.348	/1000		
		Abstract Material consumption	Qty t		Sand	Stone Chips		Brick	Fly Ash Brick		
		12 mm thick Cement Plaster (1:6)	159.616	SQM	2.490						
		Flooring thk Bed of C.M. (1:4)		SQM	0.000						
		Dadoing/Skirting 12mm Thk Bed of C.M.(1:3)	0.000	SQM	0.000						
		Brick Drain	9.146	Metare	0.292			348.133			
		Plinth Protection 50 mm thk (1:3:6)	9.000	SQM	0.212	0.423					
		Total			2.993	0.423		348.13	0.00		

Annexure - II

Detailed estimate for the Construction of Toilet block at Principal Residence of Residential School Netarhat in Latehar dictrict.

The rate of items are based on Jharkhand schedule of rate of BCD SOR-2022, DW&SD SOR-2022, Energy Deptt. SOR-2022 and DSR-2023											
Sl No	Item No.	Description of Items	No.	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit	Rate (Rs.)	Amount (Rs.)	
1	5.1.1	Earthwork in excavation in foundation trenches in ordinary soil (vide classification of soil item-A) and disposal of excavated earth as obtained to a distance upto 50 M. including all lifts, leveling, ramming the foundation trenches, removing roots of trees, shrubs all complete as per approved design, building specification and direction of E/l.									
		F1	4	4.000	4.000	4.000	256.000	cft.			
		Below Tie Beam	1	24.666	1.000	1.000	24.666	cft.			
		Step	1	4.666	1.666	0.750	5.830	cft.			
		Total					286.496	cft.			
							8.114	m ³			
2	5.1.10	Providing coarse clean sand in filling in foundation trenches or in plinth including ramming and watering in layers not exceeding 150mm thick with all leads and lifts including cost of all materials, labour royalty and taxes all complete as per building specification and direction of E/l (Mode of measurement complicated volume									
		F1	4	4.000	4.000	0.250	16.000	cft.			
		Below Tie Beam	1	24.666	1.000	0.250	6.167	cft.			
		Step	1	4.666	1.666	0.250	1.943	cft.			
		In Plinth	1	5.000	8.000	0.500	20.000	cft.			
		Total					44.110	cft.			
							Or	1.249	m ³		
3	5.6.3	Providing designation 75B one brick flat soling joints filled with local sand including cost of watering taxes royalty all complete as per building specification and direction of E/l.									
		F1	4	4.000	4.000		64.000	sft.			
		Below Tie Beam	1	24.666	0.830		20.473	sft.			
		Step	1	4.666	1.666		7.774	sft.			
		In Plinth	1	5.000	8.000		40.000	sft.			
		Total						sft.			
							Or				

			1	24.666	0.833	1.000	20.547	cft.		
		Step	1	4.660	1.666	0.500	3.882	cft.		
			1	4.660	0.833	0.500	1.941	cft.		
							Total	26.370	cft.	
							or	0.747	m ³	
8	5.3.5	Providing and laying damp proof course 50mm thick with cement concrete 1:2 :4 (1 cement : 2 coarse sand (zone-III) :4 graded stone aggregate 20 mm nominal size)								
			1	24.666	0.833			20.550	sft.	
							Total	20.550	sft.	
							or	1.910	m ³	
9	5.3.10	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, filets, columns pillars, piers, abutments, posts and struts etc. above plinth level upto floor five level excluding cost of centering, shuttering and finishing and reinforcement : 1:1 ^{1/2} :3 (1 cement : 1 ^{1/2} coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)								
			C1	4	1.000	1.000	8.500	34.000	cft.	
							Total	34.000	cft.	
							Or	0.963	m ³	
10	5.2.52	Providing designation 100A brick work with fly ash lime brick (FLAG) conforming to IS 12894-1990 (9"x4.5"x3") in C.M. (1:6) in superstructure with approved quality of clean coarse sand of F.M 2 to 2.5 including providing 10mm thick mortar joints, cost of screening materials, raking out joints to 15mm depth, curing, taxes and royalty all complete as per building specification and direction of E/I.								
		Ground floor								
			1	24.666	0.833	7.666		157.512	cft.	
		Parapet	1	24.666	0.833	1.250		25.683	cft.	
							Total			
		Deduction for Opening								
			D	1	3.000	0.833	7.000	17.493	cft.	
			W	1	3.000	8.833	2.000	4.998	cft.	
							Total Deduction for opening	55.491	cft.	
		Deduction for Lintel								
			D	1	4.666	0.833	7.000	27.207	cft.	

			W	1	4.666	0.833	0.500	1.943	cft.		
		Total deduction for Lintel						29.150	cft.		
		Deduction for Band at Lintel		1	cft.	0.833	0.500	6.387	cft.		
		Net GF Qty=A-B-C-D						125.167	cft.		
		Or						3.545	m ³		
11	5.3.11	Reinforced cement concrete work in beams, suspended floors, roof having slope up to 15 ^o landing, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases, and spiral staircases above plinth level upto floor five level excluding cost of centering, shuttering and finishing and reinforcement with 1:1 ^{1/2} :3 (1 cement : 1 ^{1/2} coarse sand (zone-III) :3 graded stone aggregate 20 mm nominal size)									
		Band at Lintel									
		GF Qty vide 11D						6.387	cft.		
		Total of Band at Lintel						6.387	cft.		
		Lintel									
		GF Qty vide 11C						29.150	cft.		
		Total of Lintel						29.150	cft.		
		Suspended Beam									
		Ground floor Wall Beam		1	24.666	0.833	0.833	17.115	cft.		
		Total of suspended Beam						17.115	cft.		
		Roof slab									
		GF		1	11.666	6.666	0.416	32.350	cft.		
		Total of Roof Slab						32.350			
		Chhajja									
		W		1	5.000	1.500	0.250	1.875	cft.		
								1.875	cft.		
		Grand Total=A+B+C+D+E						86.877	cft.		
		Or						2.460	m ³		
		Centering and shuttering									
12	5.3.17	Centering and shuttering including strutting, propping etc, and removal of form for									
	5.3.17.1	Foundations, footings, bases of columns, etc. for mass concrete									
				16	3.50	0.666		37.30	sft.		
		Total						37.30	sft.		
		Or						3.47	m ³		

13	5.3.17	Centering and shuttering including strutting, propping etc. and removal of form for								
	5.3.17.6	Column, pillars, piers, abutments, posts and struts								
		Upto plinth C1	4	4.000	3.416		54656	sft.		
		Ground floor C1	4	4.000	8.500		136.000	sft.		
							Total	190.656	sft.	
							Or	17.719	M ²	
14	5.3.17	Centering and shuttering including strutting, propping etc. and removal of form for								
	5.3.17.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers								
		Plinth Beam								
		Plinth Beam	2	24.666	1.000		49.33	sft.		
		Band at Lintel								
		GF	2	15.334	0.500		15.33	sft.		
		Lintel								
		GF+FF								
		D	2	4.666	0.500		4.67	sft.		
			1	4.666	0.833		3.89	sft.		
		W	2	4.666	0.500		4.67	sft.		
			1	4.666	0.833		3.89	sft.		
		Suspended Beam								
		Ground floor Wall Beam	2	24.666	0.833		41.09	sft.		
							Total	122.870	sft.	
							Or	11.419	m ²	
15	5.3.17	Centering and shuttering including strutting, propping etc. and removal of form for								
	5.3.17.3	Suspended floors, roofs, landings, balconies and access platform.								
		Roof Slab								
		GF	1	11.666	6.666		77.77	sft.		
							Total	77.77	sft.	
							Or	7.228	m ²	
16	5.3.17	Centering and shuttering including strutting propping etc. and removal of form for								
	5.3.17.19	Weather shade, chajjas, corbels etc. including edges.								

		Chhajja								
		W	1	4.666	1.500		7.00	sft.		
		Total					7.00	sft.		
		Or					0.65	m ²		
17	5.12.6	Providing 19mm thick water proof cement plaster (1:3) with clean coarse sand of F.M. 1.5 with integral water proofing compound liquid @ 125 ml per bag cement including screeding, curing with all leads and lifts of water, scaffolding taxes and royalty all complete as per building specification and direction of E/I. Brand Fosroc-conplastx4311C, Sika-plastocrate plus, Dr. fixit pidiproof LW+, MYK proof WP 10 or Equivalent.								
		Terrace Area	1	11.666	6.666		77.77	sft.		
		Or					7.23	m ²		
18	5.7.6	Providing 6mm thick cement plaster (1:4) in ceiling with clean coarse sand of F.M. 1.5 including screening, curing with all leads and lifts of water, scaffolding taxes and royalty all complete as per building specification and direction of E/I.								
			1	5.000	8.000		40.000	sft.		
		Roof projection	1	6.666	2.000		13.332	sft.		
		Total					53.332	sft.		
		Or					4.96	m ²		
19	5.7.3	Providing 12mm cement plaster (1:6) with clean coarse sand of F.M. 1.5 including screening, curing with all leads and lifts of water, scaffolding taxes and royalty all complete as per building specification and direction of E/I.								
		Inside Plaster								
		Ground floor	1	26.000	8.500		221.000	sft.		
		Total GF					221.000	sft.		
		Deduction for								
		D	1	3.000	7.000		21.000	sft.		
		W	1	3.000	2.000		6.000	sft.		
		Total GF deduction					27.000	sft.		
		Net GF internal plaster=A-B					194.000	sft.		
		External plaster								
		Ground floor	1	32.666	9.000		293.994	sft.		
		Parapet wall	1	32.666	1.250		40.833	sft.		
		Top	1	32.666	1.250		40.833	sft.		
		W Chajja top	1	4.666	1.750		8.166	sft.		

						Total External plaster	383.826	sft.		
						Grand Total=C+D	577.826	sft.		
						Or	53.701	m ²		
20	11.41A	Providing and laying vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.								
	11.A1A.3	Glazed Vitrified tiles Matt/Antiskid finish of size								
	11.41A.3.1	Size of Tile 600x600 mm								
			1	5.000	8.000		40.000	sft.		
						Total	40.000	sft.		
						Or	3.72	m ²		
21	5.6.23	Providing and laying 6mm precast white glazed tiles in walls over 12mm cement mortar (1:3) and jointed with grey cement slurry flush pointed with white cement including rubbing , polishing and cost of curing , taxes and royalty all complete as per building specification and direction of E/I.								
	5.6.23.1	With "A" grade white 15x15 cm tiles.								
			1	26.00	7.00		182.00	sft.		
		Deduction for D	-1	3.00	7.00		-21.00	sft.		
						Total	161.00	sft.		
						Or	14.96	m ²		
22	5.5.12	Supplying , fitting and fixing M.S. grill made of 20x6mm M.S. flat as per approved design and drawing , properly fabricated with joints continuous fillet welded and finished smooth carriage of grill to work site, hoisting as per building specification and direction of E/I. (where materials is not supplied by the deptt.)								
		W	1	3.00	2.00		6.00	sft.		
						Total area	6.000	sft.		
			@	2.00	Kg/sft=		12.000			
						Total	12.00	Kg.		

24	5.5.29	Supplying, fitting and fixing 20 guage G.C.I. sheet gate fitted on M.S. Angle frame of size 60x60x6mm. including cost of fabrication, providing necessary locking arrangement with haskal and domny duly fixed in P.C.C. (1:2:4) blocks of required size , applying a priming red lead paint over steel work, taxes all complete as per drawing specification and direction of E/I.								
			D	1	3.00	7.00		21.00	sft.	
							Total	21.00	sft.	
							Or	1.95	m ²	
25	5.5.18	Supplying, fitting and fixing fully glazed steel door, windows or ventilations of standard rolled 'Z' and mullion steel sections and size as per IS-1038 joints met and welded with 100x16x3mm M.S. lugs fixed in cement concrete (1:2:4) blocks 15x10x10 cm size including cost of oxidized iron fittings, with hinges handle per steps, catch springs, 3mm thick plain glass panes with Aluminium beads and inner frame fixed with lugs with 20 mm long 6.3mm G.I. counter sunk machine screw and nuts and applying a coat of red lead paint carriage to work site hoisting and placing in position in all storys and taxes all complete as per building specification and direction of E/I.								
			V	1	3.00	2.00		6.00	sft.	
							Total	6.00	sft.	
							Or	0.56	m ²	
26	13.80 DSR	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.								
		Ceiling plaster						53.33	sft.	
		Inside plaster						194.00	sft.	
		Outside plaster						383.83	sft.	
							Total	631.16	sft.	
							Or	0.56	m ²	
27	5.8.18	Providing two coats of oil bound distemper of approved shade and make over a coat of cement primer over new surface including preparing the plastered surface by rubbing smooth with pumice stone or fine sand paper, applying putty wherever required, scaffolding, washing of floors and taxes all complete as per building specification and direction of E/I.								
		Qty vide Ceiling plaster						53.332	sft.	
		Qty vide inside plaster						194.00	sft.	
							Total	247.33	sft.	
							Or	22.99	m ²	

37	3.3.8	Supplying materials and labours for constructing Inspection chamber of designation class 75 B bricks size 750 mm deep, 600 x 450 internal dimension having 250 mm wall thickness in cement mortar (1:6) including 12mm cement plaster (1:6) with 600x475 mm G.I. cover with frame (Weight not less than 36 Kg.) in foundation and refilling all complete as per specification and direction of E/l.								
							1	each		
38	BR Pg. 26 & 27	Carriage of materials from source to site work including loading & unloading all complete job as per specification and direction of E/l.								
		(a) Sand Lead-10km pucca					7.170	m ³		
		(b) Brick Lead-8km (1k+7p)			2208	Nos.	2.208	%0		
		(c) Stone chips Lead-22km pucca					5.980	m ³		
		Grand Total Rs.								

Annexure - III

Water Supply & Sanitary Work for Toilet Block of Principal Residence of Residential School, Netarhat in Latehar district.

Sl No	Item No.	Description of Items	No.	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
1	18.8 DSR	18.8 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 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in charge.								
		Concealed work, including cutting chases and making good the walls etc.								
	18.8.1	15 mm nominal outer dia pipes					15.00	m		
	18.8.2	20 mm nominal outer dia Pipes					15.00	m		
2	18.9 DSR	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) Pipes, having thermal stability for hot & cold water supply including all CPVC Plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.								
		External Work								
	18.9.4	32 mm nominal outer dia Pipes					20.00	m		
3	3.1.5. 1	Providing and fixing male ended 15 mm dia brass bib cock of approved quality (wt not less than 350 gms) with extra socket all complete as per specification and direction of E/I.								
							2	Each		
4	3.1.11	Providing and fixing 15mm size C.P. brass pillar cock (weight not less than 350 gms) C.I body brass spindle pillar cock of approved quality as per specification and direction of E/I.								
		(c) C.I. Body brass spindle					1	Each		
5	3.2.1	Supplying, fitting and fixing vitreous white glazed earthen ware I.W.C. of parry Hindustan or any other I.S.S. approved make with 100mm H.C.I., "p" trap 15 litres C.I. or C. pull and let go flushing cistern of names or other I.S.S. equivalent make, complete tith all fittings, C.I. or C.C. brackets 32 mm alkathene/P.V.C. telescopic flush, pipe about 2M long with one brass coupling and clamps G.I. chain and pull including supplying and fixing a pair of vitreous white glazed earthenware where footrest to be fixed in floor 15mm C.I. body brass spindle stop cock of weight not less than 50 grms. 15mm P.V.C. connection pipe 450 mm long and the exposed pipe and cistern with two coats of approved paint over a coat of red oxide primer etc. all complete as per specification and direction of E/I.								
		(A) 510 mm long								
		(c). With 12.5 lit. low level P.V.C cistern					1	Each		

6	3.2.5	Supplying, fitting and fixing vitreous white glazed earthen ware wash hand basin of parry or Hindustan or any other I.S.S. approved make supported on pointed c.l. or R.S. brackets 32m C.I. brass waste 15mm dia C.I. body brass spindle stop cock of approved quality of weight not less than 350grms., 32mm P.V.C. waste pipe 750mm long with brass coupling at one end and making plumber joints etc. all complete as per specification and direction of E/l.							
7	3.1.10	Providing and fixing N.P/C.P brass/P.V>C porcelain shower rose of 15mm inlet etc. all complete as per specification and direction of E/l.							
		(A) C.P. SHOWER							
		(a). 100mm dia. Shower				1	Each		
8	3.1.6	Providing and fixing brass / C.I. stop cock of approved quality all complete as per specification and direction of E/l.							
		A). BRASS STOP COCK							
		(a). 15mm dia				2	Each		
9	12.41	Providing and fixing on wall face unplasticised rigid PVC rain water Pipes conforming to IS:13592 Type A including jointing with seal ring conforming to IS:5382 leaving 10 mm gap for thermal expansion (i) Single socketed pipes							
	12.41.2	110 mm diameter				10.00	Meter		
10	12.42 DSR	Providing and fixing on wall face unplasticised-PVC moulded fitting/accessories for unplasticised rigid PVC rain water pipes conforming to IS:13592 Type A including jointing with seal ring conforming to IS:5382 leaving 10mm gap for thermal expansion.							
	12.42.1	Coupler							
	12.42.1.2	110mm				2.00	Each		
	12.42.5	Bend 87.5°							
	12.42.5.2	110 mm bend				5.00	Each		
11	3.1.21	Supplying, fitting and fixing the following items complete with all materials as per specification and direction of E/l.							
		(b). Mirrors of 4 mm thick plate glass beveled eye mirror including C.P brass revolving fittings, 3mm plywood board and CP hinges to fix with mirror							
		(ii) 450x300 mm				1	Each		
		(c). (i) C.P brass towel rail 20 mm x 600 mm with bracket container				1	Each		
		(c). (ii) C.P brass soap dish container medium quality with screw and hinges etc.				1	Each		

12	M-960	Supplying CP & PVC fitting including contractor profit but exclusive of GST all complete job.								
		(v) 100 mm dia steel jail					1	Each		
13	3.3.8	Supplying materials and labours for constructing inspection chamber of designation class 75 B bricks size 750 mm deep, 600 x 450 internal dimension having 250 mm wall thickness in cement mortar (1:6) including 12 mm cement plaster (1:4) with punning on inside and cement plaster (1:6) with 600 x475 mm G.I. cover with frame (weight not less than 36 kg.) in foundation and refilling all complete as per specification and direction of E/l.								
							1	Each		
14	19.32 DSR	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks of class designation 75 and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design 21.39.2								
	19.32.1	With F.P.S bricks					1	Each		
15	M-079	Supplying Poythene water storage tank of ISI mark (e.g. sintex/Sinter/Himgiri/Gangotri etc.) with cover and locking system.								
			1	1000			1000	Liters		
			Total							
			Grand Total Rs.							
			Say Rs.							

5	5.6.3	Providing designation 75B one brick flat soling joints filled with local sand including cost of watering taxes royalty all complete as per building specification and direction of E/l.								
		Septic Tank								
		Soak Pit								
						Total	57.28	sft.		
						Or	5.32	m ²		
6	5.3.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering- All work up to plinth level;								
		Septic Tank	1	8.66	5.16	0.50	22.34	cft		
		Soak pit	3.14	4.83	0.83	0.50	6.29	cft		
						Total	28.63	cft		
						Or	0.81	m ³		
7	5.2.6	Providing designation 75 B brick work in C.M. (1:6) in foundation and plinth with approved quality of clean coarse sand of F.M. 2 to 2.5 including providing 10 mm thick mortar joints, cost of screening materials, raking out joints to 15mm depth, curing, taxes and royalty all complete as per building specification and direction of E/l.								
		Septic Tank	2	8.16	0.83	5.00	67.73	cft		
			2	3.00	0.83	5.00	24.90	cft		
						Total	92.63	cft		
						Or	2.62	m ³		
8	5.2.23	Providing designation 125 mm thick reinforced designation 75 A brick work in C.M (1:4) in superstructure with approved quality of clean coarse sand of F.M. 2 to 2.5 including the cost of screening, carriage of materials, scaffolding, raking out joints to 15 mm depth, curing, taxes and royalty (but excluding the cost of reinforcement) all complete as per building specification and direction of E/l.								
		Septic Tank	1	3.00	2.67		8.01	sft.		
			1	3.00	3.50		10.50	sft.		
						Total	18.51	sft.		

						Or	1.72	m ²		
9	5.2.25	Providing 250 mm thick brick jail work in C.M. (1:8) in superstructure with designation 75 A bricks and approved quality of clean coarse sand of F.M. 2 to 2.5] finished with deep ruled pointing in C.M. (1:3) with sand of F.M. 1.5 on entire surface including the cost of finishing, the holes, screening carriage of materials, scaffolding, raking out joints to 15 mm depth, curing, taxes and royalty all complete as per approved design, building specification and direction of E/l.								
		Soak pit	3.14	4.83	6.25		94.79	sft.		
						Total	94.79	sft.		
						Or	8.81	m ²		
10	5.3.11	Reinforced cement concrete work in beams, suspended floors, roof having slope up to 15° landing, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases, and spiral staircases above blinth level upto floor five level excluding cost of centering, shuttering and finishing and reinforcement with 1:1 ^{1/2} :3 (1 cement : 1 ^{1/2} coarse sand (zone-III) :3 graded stone aggregate 20 mm nominal size)								
		Beam	1	4.66	0.42	0.83	1.624	cft		
		Septic Tank	1	8.16	4.66	0.330	12.55	cft		
		Soak pit	0.786	5.66	5.66	0.330	8.31	cft		
						Total	22.48	cft		
						Or	0.64	m ³		
11	5.3.17	Centering and shuttering including strutting, propping etc. and removal of form for								
	5.3.17.3	Suspended floors, roofs landings, balconies and access platform.								
		Septic Tank	1	8.16	4.66		38.03	sft.		
		Soak pit	0.786	5.66	5.66		25.18	sft.		
						Total	63.21	sft.		
						or	5.87	m ²		

	5.3.17.5	Lintets, beams, plinth beams girders bressumers and cantilevers									
			1	4.66	0.42		1.96	sft.			
			2	4.66	0.83		7.74	sft.			
			Total					9.70	sft.		
			Or					0.90	m ²		
12	5.7.1	Providing 12mm cement plaster (1:3) with clean coarse sand of F.M. 1.5 including screening, curing with all leads and lifts of water, scaffolding taxes and royalty all complete as per building specification and direction of E/l.									
		Septic Tank	2	6.50	5.00		65.00	sft.			
			2	3.00	5.00		30.00	sft.			
		Baffle wall	4	3.00	3.50		42.00	sft.			
			2	3.00	0.42		2.52	sft.			
		Base	1	6.50	3.00		19.50	sft.			
		Outside septic Tank	2	8.16	1.00		16.32	sft.			
			2	4.66	1.00		9.32	sft.			
		Outside soak pit	0.78 6	5.66	1.00		4.45	sft.			
			Total					189.11	sft.		
			Or					17.58	m ²		
13	5.7.11	Providing 1.5mm cement punning including curing, carriage of water with all leads and lifts as per building specification and direction of E/l.									
			Qty vide item-5.7.1					189.11	sft.		
			Or					17.58	m ²		
14	M-198	Supplying brick bats at kiln site with taxes, royalty and cess but exclusive GST all complete job as per specification and direction of E/l.									
			0.786	4.00	4.00	5.00	62.88	cft			
			Total					62.88	cft		
			Or					1.78	m ³		
		5.5 STEEL WORK									
		Beam	1.62	Cft	2.50	Kg/cft	4.060	kg			
		Roof slab	22.48	cft	2.50	Kg/cft	56.210	kg			
			Total					60.270	kg		
			Or					0.060	MT		

15	5.5.4	Providing Tor steel reinforcement of 8mm , dia rods as per approved design and drawing excluding carriage of M.S. bars to work site , cutting bending and binding with annealed wire with cost of wire, removal of rust placing the rods in position all complete as per building specification and direction of E/l. TMT Fe 500 (Only valid for SAIL & TATA Steel, JSPL, Electro Steel Ltd. And Vizal Steel)								
							0.030	MT		
16	5.5.5	Providing Tor steel reinforcement of 10mm 12mm & 16mm dia. Bars as per approved design and drawing excluding carriage of M.S. bars to work site cutting bending and binding with annealed wire with cost of wire, removal of rust placing the rods in position all complete as per building specification and direction of E/l.								
		(a) 10mm (TMT, Coil Fe 500) (only Valid for SAIL & TATA Steel, JSPL, ELECTRO Steel Ltd. And vizal Steel)					0.030	MT		
17	BR Pg. 43 to 47	Carriage of materials from source to site work including loading & unloading all complete job as per specification and direction of E/l.								
		(a) Sand Lead- 10km pucca					3.198			
		(b) Brick Lead-8km (1k+7p)			1996	Nos.	1.996	%0		
		(c) Stone chips Lead-22km pucca					1.279	m ³		
		Total Rs.								