

PRICE BID FOR PROPOSED MAJOR EXTERNAL REPAIRS/RENOVATION AND PAINTING WORKS AT ADMINISTRATIVE BLOCK BUILDING, HOSTEL BLOCK BUILDING, CANTEEN BUILDING AND GUEST HOUSE/DIRECTOR'S RESIDENCE BUILDING AT SBILD INDORE

S.NO	ITEM AND SPECIFICATION	QTY	UNIT	RATE	AMOUNT
1	Scrapping and removal of existing worn out external plaster from all sides of the building, including all materials, labour, staging work etc complete.	650	SQM		
2	Chajja repairs Repairing of existing chajjas by dismantelling of worn out brick work and plaster over the chajja from yop, sides, bottom, and redoing of 1:4 12-15mm thick plaster from all the sides etc complete, including curing for 10 days	40	sqm		
3	15-25mm thick Screeding concrete plaster with 12mm fine aggregate : sand : cement for correction of existing necessary slopes over existing roof finish in 1: 2: 3 mortar, including all materials, labour etc complete.	600	sqm		
4	Brick Work : Providing and laying Half Brick thick Brickwork in CM 1:4 including R.C.C. Band 100mm thick @ every 1 metre layer including curing etc complete. including 2 nos 6 mm dia M.S bars at every third course of brick masonry	2	SQM		
5	Providing & laying 18MM thick external Plastering of walls and ceiling with cement mortar 1:4, curing, ladder use, cleaning, etc. complete.	650	SQM		
	PLINTH PROTECTION WORK				
6	Dismantalling of existing plinth protection all sides	30	CUM		
7	Excavation work in soil and throwing of the soil to required dumping site including transportation, all materials, labour etc complete.	36	CUM		
8	Filling work for Trench with Copra/ Brick bat including all material, labour etc complete.	24	CUM		
9	DUST FILLING Providing & laying 100 mm thick Dust filling over the copra/Brick bat base with curing etc. complete.	12	CUM		
10	PCC 1:3:6 work below external flooring and below plinth protection including all materials, labour etc complete, ,including ramming , curing for 10 days etc complete.	12	CUM		
11	R.C.C. CONCRETE WORK M-20 (1:1.5:3) Providing, laying , curing, etc. Concrete work of 1:1.5:3 in floors, excluding reinforcement, including necessary shuttering, material, labour etc. complete.	18	CUM		
12	REINFORCEMENT TMT BAR Providing, laying & fixing tor steel reinforcement of different dia, i/c binding wire, bending, cutting, etc. complete for RCC works.	1800	Kgs		

13	Two coats of Brush application with 1.0mm thickness in two coats, Brush application with acrylic polymer mixed with cement in required proportion to be applied as per the manufaturere instruction over the existing for terrace water proofing, after cleaning of exiting roof surface with all the dust, grit, fungus etc, and celaning the surface with wire brush, all materilas, labour etc complete.	800	sqm		
14	DISMENTALLING OF EXISTING KABELU TILES				
	Dismantalling of existing kabelu tiles including of dumping,transportation labour etc complete	200	SQM		
15	REMOVING OF OLD RAIN WATER PIPE				
	Removing of all old rain water pipe with all elbow, joints, T-joint bands etc including of all labour, dumping, transportation etc complete	1	Job		
16	Providing and fixing at site 125mm dia PVC pipes for Rain water including all clamping, connecting properly with roof top khurras, all materials, labour etc complete	160	RM		
17	M.S. SECTION Work for stair case				
	Providing, fabricating & erecting in position structural steel sections (max. size angle section 25mm x 25mmx 3 mm) conforming to latest BIS code, made out of Angles , Flats, Channels, for frame work for Staircase . The frame work is to be anchored to existing structural sections at Wall by welding, clamps, clips, nuts & bolts, etc. and rate to include cutting, welding, grinding, drilling, hoisting, fixing in position at all heights and levels and providing and applying two coats of synthetic enamel paint over and including a coat of approved primer including surface preparartion as specified and as directed. The rate include all nuts, bolts, washers, welds, etc. required for fabrication and erection . The weight of nuts, bolts, washers, welds will not be paid seprately.	300	Kgs		
18	REMOVING & REFIXING OF EXISTING PAVER BLOCK				
	Removing & re-fixing of existing paver block including cost of sand/ dust as per the requirement all labour material etc complete	6	SQM		
19	EXTERNAL PUTTY				
a.	Two coats of Birla white cement putty over the existing wall surface to give a neat smooth finish and to make it ready for applying premium quality acrylic emulsion including rubbing, amre paper all labour, materials, etc complete.	1600	sqm		
	WEATHER COAT EXTERIOR EMULSION PAINT				
b.	Two or more coats of exterior grade premium finish weather coat exterior emulsion of required colour on the external walls, including necessary staging etc complete.	1600	sqm		
20	TERACOTA PAINT				
	Two or more coats coats of approved shade of Teracota exterior paint over the existing kabelu Surfaces including all materials, labour etc compete.	400	sqm		
21	ELEVATIONAL TILES				

	Providing & fixing of matching elevational tiles including of all labour, scaffolding, all material etc complete	60	Sqm		
22	DISMENTALLING OF ALL DAMAGE ELEVATION PATT				
	including all labour, scaffolding etc complete	25	Sqm		
23	ELEVATION PATT				
	WORK				
	repair of existing elevational patta with cement mortar, line & level, all materials, scaffolding, labour etc complete	25	Sqm		
24	REFIXING OF ALL PLANTER TILES				
	repair of existing planter tiles with cement mortar, line & level, all materials, scaffolding, labour etc complete	60	Sqm		
25	REPAIRING OF ALL PLANTER WORKS	20	RM		
	Repairing of existing planters at entrance including RCC/Brick work, all labour materials etc complete.				
26	ANTI TERMITE TREATMENT				
	Providing per-constructional Anti termite treatment by treating the bottom surface and the sides of excavation in soil with the plinth beams at the rate of 5 liters of emulsion concentrate of one percent, concentration of CHLORPYRIFOS 20% F.C ISI approved conforming (I.S 8944) (i.e. by diluting 5 liter of chlorpyrifos 20 % EC with 95 Liter of water) and spraying by high volume sprayer below the floor, per square meter surface area with ten years guarantee bond as per I.S 6313 (Part II 191)				
	Treat the sides and bottom surface of the foundation trenches and pits with chemical to a height of about 30cm at the rate of 5 Lit. per square meter of surface area.				
	Backfill earth on each side of all built up walls, which will be in immediate contact with the foundation, should be treated with chemical at the rate of 7.5Lit. per linear meter of vertical surface of the substructure, to a depth of 45cm and width of 15cm. The chemical shall be directed towards the masonry surfaces so that earth in contact with these surfaces is well treated with the chemical.				
	Before laying the floor, treat the top surface of the consolidated earth within the plinth walls with chemical at the rate of 5lit. per square meter. Ensure back fill against foundation is treated to its full depth.	950	SQM		
27	PVC WATER TANK 2000 LITER THREE LAYERED INSULATED				
	Three layered insulated water tank, including fixing at site, all labour, materials etc complete, make sintex, Rotax or EQ	4	Nos		
28	PVC WATER TANK BASE PLATFORM				
	RCC platform Base for PVC water tank in 1:2:4 PCC works with floating coat of cement finish all materials, labour etc complete.	2	CUM		
29	HIGH PRESSURE VALVE				
	40mm dia Brass valve all labour, materials, etc complete.	3	Nos		

30	Providing and fixing in position 40 mm Class 'B' CPVC pipe of approved ISI branded complete with fittings, Tees, Bends etc, Makes: Prince, Supreme, Astral	80	Rmt		
31	Providing and fixing in position 25 mm Class 'B' CPVC pipe of approved ISI branded complete with fittings, Tees, Bends etc, Makes: Prince, Supreme, Astral	150	Rmt		
32	Providing and fixing in position 20mm Class 'B' CPVC pipe of approved ISI branded complete with fittings, Tees, Bends etc, Makes: Prince, Supreme, Astral Makes: Prince, Supreme, Astral	100	Rmt		
33	Providing and fixing Pvc Pipe for soil waste/rain water/drainage disposal of superior Indian make such as Kisan, Premium, Supreme, Prince or Kasta i/c jointing with rubber ring, adhesive lubricant solvent cement with PVC clips bends, joints, bends with doors, etc. fittings as per site requirement with testing etc. complete. 100 mm PVC pipes 75 mm PVC pipes	100 150	Rmt Rmt		
34	DISMANTLING OF EXISTING WATER TANK Dismantling of existing overhead water tank including of brick wall, r.c.c. Base & roof, column, beam, pipes fittings etc including of dumping, transportation labour etc complete.	10	CUM		
TOTAL FOR CIVIL WORKS (PART A)					

S.NO	ITEM AND SPECIFICATION	QTY	UNIT		
1	Scrapping and removal of existing worn out external plaster from all sides of the building, including all materials, labour, staging work etc complete.	2450	SQM		
2	Chajja repairs Repairing of existing chajjas by dismantling of worn out brick work and plaster over the chajja from Top, sides, bottom, and redoing of 1:4 12-15mm thick plaster from all the sides etc complete, including curing for 10 days	280	sqm		
3	15-25mm thick Screeding concrete plaster with 12mm fine aggregate : sand : cement for correction of existing necessary slopes over existing roof finish in 1: 2: 3 mortar, including all materials, labour etc complete.	700	sqm		
4	Brick Work : Providing and laying Half Brick thick Brickwork in CM 1:4 including R.C.C. Band 100mm thick @ every 1 metre layer including curing etc complete. including 2 nos 6 mm dia M.S bars at every third course of brick masonry	8	SQM		
5	Providing & laying 18MM thick external Plastering of walls and ceiling with cement mortar 1:4, curing, ladder use, cleaning, etc. complete.	2450	SQM		

	PLINTH PROTECTION WORK				
6	Excavation work in soil and throwing of the soil to required dumping site including transportation, all materials, labour etc complete.	55	CUM		
7	Filling work for Trench with Copra/ Brick bat including all material, labour etc complete.	30	CUM		
8	DUST FILLING				
	Providing & laying 100 mm thick Dust filling over the copra/Brick bat base with curing etc. complete.	15	CUM		
9	PCC 1:3:6 work below external flooring and below plinth protection including all materials, labour etc complete, ,including ramming , curing for 10 days etc complete.	15	CUM		
10	R.C.C. CONCRETE WORK M-20 (1:1.5:3)				
	Providing, laying , curing, etc. Concrete work of 1:1.5:3 in floors, excludung reinforcement, including necessary shuttering, material, labour etc. complete.	30	CUM		
11	REINFORCEMENT TMT BAR				
	Providing, laying & fixing tor steel reinforcement of different dia, i/c binding wire, bending, cutting, etc. complete for RCC works.	2700	Kgs		
	Brush Application for terrace water proofing				
12	Two coats of Brush application with 1.0mm thickness in two coats, Brush application with acrylic polymer mixed with cement in required proportion to be applied as per the manufacturer instruction over the existing for terrace water proofing, after cleaning of exiting roof surface with all the dust, grit, fungus etc, and cleaning the surface with wire brush, all materials, labour etc complete.	700	sqm		
13	REMOVING OF OLD RAIN WATER PIPE				
	Removing of all old rain water pipe with all ellbow, joints, T-joint bands etc including of all labour, dumping, transportation etc complete	1	Job		
14	Providing and fixing at site 125mm dia PVC pipes for Rain water including all clamping, connecting properly with roof top khurras, all materials, labour etc complete	168	RM		
15	M.S. DOOR WITH ANGLE FRAME FOR TERRACE				
	Providing and fixing at site m.s. Door with angle frame(35x35x5) including a coat of steel primer, all materials, contingencies etc compete.	200	Kgs		
16	REMOVING & REFIXING OF EXISTING PAVER BLOCK				
	Removing & refixing of existing paver block including of labour material etc complete	10	SQM		
17	DISMANTALLING OF EXISTING WATER TANK				
	Dismantlling of existing overhead water tank including of brick wall, r.c.c. Base & roof, column, beam, pipes fittings etc including of dumping,transportation labour etc complete.	10	CUM		
18	EXTERNAL PUTTY				

a.	Two coats of Birla white cement putty over the existing wall surface to give a neat smooth finish and to make it ready for applying premium quality acrylic emulsion including rubbing, amre paper all labour, materials, etc complete.	2600	sqm		
WEATHER COAT EXTERIOR EMULSION PAINT					
b.	Two or more coats of exterior grade premium finish weather coat exterior emulsion of required colour on the external walls, including necessary staging etc complete.	2600	sqm		
19 REPAIRING OF EXISTING SHED					
	Repair of existing shed with all shed pipe, angle alignment, damage polycarbonate sheet repair including dumping, transportation, scaffolding, labour etc complete	125	sqm		
20 GALVALUME SHEET					
	Providing and fixing precoated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer- in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. Make- TATA, JINDAL, HINDALCO OR EQUIVALENT	36	SQM		
21 M.S. HOLLOW TUBE					
	Structural steel work m.s Pipe, riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and	300	Kgs		
	applying a priming coat of approved steel primer all complete.				
22 ANTI TERMITE TREATMENT					
	Providing per-constructional Anti termite treatment by treating the bottom surface and the sides of excavation in soil with the plinth beams at the rate of 5 liters of emulsion concentrate of one percent, concentration of CHLORPYRIFOS 20% F.C ISI approved conforming (I.S 8944) (i.e. by diluting 5 liter of chlorpyrifos 20 % EC with 95 Liter of water) and spraying by high volume sprayer below the floor, per square meter surface area with ten years guarantee bond as per I.S 6313 (Part II 191)				
	Treat the sides and bottom surface of the foundation trenches and pits with chemical to a height of about 30cm at the rate of 5 Lit. per square meter of surface area.				

	Backfill earth on each side of all built up walls, which will be in immediate contact with the foundation, should be treated with chemical at the rate of 7.5Lit. per linear meter of vertical surface of the substructure, to a depth of 45cm and width of 15cm. The chemical shall be directed towards the masonry surfaces so that earth in contact with these surfaces is well treated with the chemical.				
	Before laying the floor, treat the top surface of the consolidated earth within the plinth walls with chemical at the rate of 5lit. per square meter. Ensure back fill against foundation is treated to its full depth.	650	SQM		
23	PVC WATER TANK 2000 LITER THREE LAYERED INSULATED				
	Three layered insulated water tank, including fixing at site, all labour, materials etc complete, make sintex, Rotax or EQ	6	Nos		
24	PVC WATER TANK BASE PLATFORM				
	RCC platform Base for PVC water tank in 1:2:4 PCC works with floating coat of cement finish all materials, labour etc complete.	3	CUM		
25	HIGH PRESSURE VALVE				
	40mm dia Brass valve all labour, materials, etc complete.	6	Nos		
26	Providing and fixing in position 40 mm Class 'B' CPVC pipe of approved ISI branded complete with fittings, Tees, Bends etc, Makes: Prince, Supreme, Astral	80	Rmt		
27	Providing and fixing in position 25 mm Class 'B' CPVC pipe of approved ISI branded complete with fittings, Tees, Bends etc, Makes: Prince, Supreme, Astral	150	Rmt		
28	Providing and fixing in position 20mm Class 'B' CPVC pipe of approved ISI branded complete with fittings, Tees, Bends etc, Makes: Prince, Supreme, Astral Makes: Prince, Supreme, Astral	100	Rmt		
29	Providing and fixing Pvc Pipe for soil waste/rain water/drainage disposal of superior Indian make such as Kisan, Premium, Supreme, Prince or Kasta i/c jointing with rubber ring, adhesive lubricant solvent cement with PVC clips bends, joints, bends with doors, etc. fittings as per site requirement with testing etc. complete.				
	100 mm PVC pipes	100	Rmt		
	75 mm PVC pipes	150	Rmt		
	TOTAL AMOUNT FOR CIVIL WORKS (PART B)				

S.NO	ITEM AND SPECIFICATION	QTY	UNIT		
1	Scrapping and removal of existing worn out external plaster from all sides of the building, including all materials, labour, staging work etc complete.	160	SQM		
2	Chajja repairs				

	Repairing of existing chajjas by dismantelling of worn out brick work and plaster over the chajja from top, sides, bottom, and redoing of 1:4 12-15mm thick plaster from all the sides etc complete, including curing for 10 days	250	sqm		
3	15-25mm thick Screeding concrete plaster with 12mm fine aggregate : sand : cement for correction of existing necessary slopes over existing roof finish in 1: 2: 3 mortar, including all materials, labour etc complete.	350	sqm		
4	Providing & laying 18MM thick external Plastering of walls and ceiling with cement mortar 1:4, curing, ladder use, cleaning, etc. complete.	160	SQM		
	PLINTH PROTECTION WORK				
5	Excavation work in soil and throwing of the soil to required dumping site including transportation, all materials, labour etc complete.	10	CUM		
6	Filling work for Toilet & Trench with Copra/ Brick bat including all material, labour etc complete.	4	CUM		
7	DUST FILLING				
	Providing & laying 100 mm thick Dust filling over the copra/Brick bat base with curing etc. complete.	2	CUM		
8	PCC 1:3:6 work below external flooring and below plinth protection including all materials, labour etc complete, including ramming , curing for 10 days etc complete.	3	CUM		
9	R.C.C. CONCRETE WORK M-20 (1:1.5:3)				
	Providing, laying , curing, etc. Concrete work of 1:1.5:3 in floors, excluding reinforcement, including necessary shuttering, material, labour etc. complete.	2	CUM		
10	REINFORCEMENT TMT BAR				
	Providing, laying & fixing for steel reinforcement of different dia, i/c binding wire, bending, cutting, etc. complete for RCC works.	200	Kgs		
11	Two coats of Brush application with 1.0mm thickness in two coats, Brush application with acrylic polymer mixed with cement in required proportion to be applied as per the manufacturer's instruction over the existing for terrace water proofing, after cleaning of existing roof surface with all the dust, grit, fungus etc, and cleaning the surface with wire brush, all materials, labour etc complete.	350	sqm		
12	REMOVING OF OLD RAIN WATER PIPE				
	Removing of all old rain water pipe with all elbow, joints, T-joint bands etc including of all labour, dumping, transportation etc complete	1	Job		
13	Providing and fixing at site 125mm dia PVC pipes for Rain water including all clamping, connecting properly with roof top khurras, all materials, labour etc complete	75	RM		
14	REMOVING OF OLD SHED				

	Removing of existing shed with sheet frame, including dumping, transportataion labour etc complete	1	Job		
15	REPAIRING OF OLD SHED				
	Repair of existing shed with all shed truss pipe allignment, damage sheet repair including dumping, transportataion labour etc complete	90	SQM		
16	GALVALUME SHEET				
	Providing and fixing precoated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer- in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. Make- TATA, JINDAL, HINDALCO OR EQUIVALENT	50	SQM		
17	M.S. HOLLOW TUBE				
	Structural steel work m.s Pipe, riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	200	Kgs		
18	M.S. SECTION Work				
	Providing, fabricating & erecting in position structural steel sections (max. size angle section 25mm x 25mmx 3 mm) conforming to latest BIS code, made out of Angles , Flats, Channels, for frame work for Staircase . The frame work is to be anchored to existing structural sections at Wall by welding, clamps, clips, nuts & bolts, etc. and rate to include cutting, welding, grinding, drilling, hoisting, fixing in position at all heights and levels and providing and applying two coats of synthetic enamel paint over and including a coat of approved primer including surface preparartion as specified and as directed. The rate include all nuts, bolts, washers, welds, etc. required for fabrication and erection . The weight of nuts, bolts, washers, welds will not be paid seprately.	300	Kgs		
19	REMOVING OF EXISTING PAVER BLOCK				
	Removing of existing paver block including of labour material etc complete	6	SQM		
20	EXTERNAL PUTTY				
a.	Two coats of Birla white cement putty over the existing wall surface to give a neat smooth finish and to make it ready for applying premium quality acrylic emulsion including rubbing, amre paper all labour, materials, etc complete.	1100	sqm		
	WEATHER COAT EXTERIOR EMULSION PAINT				

b.	Two or more coats of exterior grade premium finish weather coat exterior emulsion of required colour on the external walls, including necessary staging etc complete.	1100	sqm		
21	ANTI TERMITE TREATMENT				
	Providing per-constructional Anti termite treatment by treating the bottom surface and the sides of excavation in soil with the plinth beams at the rate of 5 liters of emulsion concentrate of one percent, concentration of CHLORPYRIFOS 20% F.C ISI approved conforming (I.S 8944) (i.e. by diluting 5 liter of chlorpyrifos 20 % EC with 95 Liter of water) and spraying by high volume sprayer below the floor, per square meter surface area with ten years guarantee bond as per I.S 6313 (Part II 191)				
	Treat the sides and bottom surface of the foundation trenches and pits with chemical to a height of about 30cm at the rate of 5 Lit. per square meter of surface area.				
	Backfill earth on each side of all built up walls, which will be in immediate contact with the foundation, should be treated with chemical at the rate of 7.5Lit. per linear meter of vertical surface of the substructure, to a depth of 45cm and width of 15cm. The chemical shall be directed towards the masonry surfaces so that earth in contact with these surfaces is well treated with the chemical.				
	Before laying the floor, treat the top surface of the consolidated earth within the plinth walls with chemical at the rate of 5lit. per square meter. Ensure back fill against foundation is treated to its full depth.	470	SQM		
	TOTAL FOR CIVIL WORKS (PART C)				

S.NO	ITEM AND SPECIFICATION	QTY	UNIT		
1	Scrapping and removal of existing worn out external plaster from all sides of the building, including all materials, labour, staging work etc complete.	1000	SQM		
2	Chajja repairs Repairing of existing chajjas by dismantelling of worn out brick work and plaster over the chajja from top, sides, bottom, and redoing of 1:4 12-15mm thick plaster from all the sides etc complete, including curing for 10 days	15	sqm		
3	15-25mm thick Screeding concrete plaster with 12mm fine aggregate : sand : cement for correction of existing necessary slopes over existing roof finish in 1: 2: 3 mortar, including all materials, labour etc complete.	230	sqm		
4	Brick Work : Providing and laying Half Brick thick Brickwork in CM 1:4 including R.C.C. Band 100mm thick @ every 1 metre layer including curing etc complete. including 2 nos 6 mm dia M.S bars at every third course of brick masonry	20	SQM		
5	Plaster Providing & laying 12MM thick Internal Plastering of walls and ceiling with cement mortar 1:4, curing, ladder use, cleaning, etc. complete.	40	SQM		

b	Providing & laying 18MM thick external Plastering of walls and ceiling with cement mortar 1:4, curing, ladder use, cleaning, etc. complete.	1000	SQM		
6	PLINTH PROTECTION WORK				
7	Excavation work in soil and throwing of the soil to required dumping site including transportation, all materials, labour etc complete.	26	CUM		
8	Filling work for Toilet & Trench with Copra/ Brick bat including all material, labour etc complete.	14	CUM		
9	DUST FILLING				
	Providing & laying 100 mm thick Dust filling over the copra/Brick bat base with curing etc. complete.	8	CUM		
10	PCC 1:3:6 work below external flooring and below plinth protection including all materials, labour etc complete, including ramming , curing for 10 days etc complete.	8	CUM		
11	R.C.C. CONCRETE WORK M-20 (1:1.5:3)				
	Providing, laying , curing, etc. Concrete work of 1:1.5:3 in floors, excluding reinforcement, including necessary shuttering, material, labour etc. complete.	8	CUM		
12	REINFORCEMENT TMT BAR				
	Providing, laying & fixing tor steel reinforcement of different dia, i/c binding wire, bending, cutting, etc. complete for RCC works.	700	Kgs		
	Brush Application for terrace water proofing				
13	Two coats of Brush application with 1.0mm thickness in two coats, Brush application with acrylic polymer mixed with cement in required proportion to be applied as per the manufacturer instruction over the existing for terrace water proofing, after cleaning of exiting roof surface with all the dust, grit, fungus etc, and cleaning the surface with wire brush, all materials, labour etc complete.	260	sqm		
14	REMOVING OF OLD RAIN WATER PIPE				
	Removing of all old rain water pipe with all ellbow, joints, T-joint bands etc including of all labour, dumping, transportation etc complete	1	Job		
15	Providing and fixing at site 125mm dia PVC pipes for Rain water including all clamping, connecting properly with roof top khurras, all materials, labour etc complete	100	RM		
16	M.S. DOOR WITH ANGLE FRAME FOR TERRACE				
	Providing and fixing at site m.s. Door with angle frame(35x35x5) including a coat of steel primer, all materials, contingencies etc compete.	400	Kgs		
17	REMOVING & REFIXING OF EXISTING PAVER BLOCK				
	Removing & refixing of existing paver block including of labour material etc complete	10	SQM		
18	REMOVING & REFIXING OF EXISTING PVC TANK				

	Removing re-fixing & installation of existing overhead pvc water tank including of all fittings dumping, transportation labour etc complete.	1	Job		
19	EXTERNAL PUTTY				
a.	Two coats of Birla white cement putty over the existing wall surface to give a neat smooth finish and to make it ready for applying premium quality acrylic emulsion including rubbing, amre paper all labour, materials, etc complete.	900	sqm		
	WEATHER COAT EXTERIOR EMULSION PAINT				
b.	Two or more coats of exterior grade premium finish weather coat exterior emulsion of required colour on the external walls, including necessary staging etc complete.	900	sqm		
20	REMOVING OF EXISTING KABELU SHED WITH SHEET & M.S. WORK				
	Removing of existing kabelu shed & existing shed with m.s. Work with all tiles including dumping, transportaiaon labour etc complete	40	SQM		
21	GALVALUME SHEET				
	Providing and fixing precoated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer- in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. Make- TATA, JINDAL, HINDALCO OR EQUIVALENT	40	SQM		
22	M.S. HOLLOW TUBE				
	Structural steel work m.s Pipe, riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	400	Kgs		
23	REPAIRING OF OLD SHED				
	Repair of existing shed with all shed truss pipe alignment, damage sheet repair including dumping, transportation labour etc complete	20	SQM		
24	ANTI TERMITE TREATMENT				

Providing per-constructional Anti termite treatment by treating the bottom surface and the sides of excavation in soil with the plinth beams at the rate of 5 liters of emulsion concentrate of one percent, concentration of CHLORPYRIFOS 20% F.C ISI approved conforming (I.S 8944) (i.e. by diluting 5 liter of chlorpyrifos 20 % EC with 95 Liter of water) and spraying by high volume sprayer below the floor, per square meter surface area with ten years guarantee bond as per I.S 6313 (Part II 191)				
Treat the sides and bottom surface of the foundation trenches and pits with chemical to a height of about 30cm at the rate of 5 Lit. per square meter of surface area.				
Backfill earth on each side of all built up walls, which will be in immediate contact with the foundation, should be treated with chemical at the rate of 7.5Lit. per linear meter of vertical surface of the substructure, to a depth of 45cm and width of 15cm. The chemical shall be directed towards the masonry surfaces so that earth in contact with these surfaces is well treated with the chemical.				
Before laying the floor, treat the top surface of the consolidated earth within the plinth walls with chemical at the rate of 5lit. per square meter. Ensure back fill against foundation is treated to its full depth.	550	SQM		
TOTAL FOR CIVIL WORKS (PART D)				
GRAND TOTAL (A+B+C+D)				