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

	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	Dismentalling 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							
12	Providing, laying & fixing tor steel reinforcement of different dia, i/c binding wire, bending, cutting, etc. complete for RCC works.	1800	Kgs					
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13 Two costs of Brush application with 1.0mm thickness in a son sym twice casts. Brush application with acrylic polymer mixed with all the dust. gnt, tungus etc. and calaning the surface with all the dust. gnt, tungus etc. and calaning the surface with wire brush, all materilas, labour etc complete. 800 sym 14 DISMENTALLING OF EXISTING KABELU TILES 200 SOM 14 DISMENTALLING OF EXISTING KABELU TILES 200 SOM 14 DISMENTALLING OF EXISTING KABELU TILES 200 SOM 15 REMOVING OF OLD RAIN WATER PIPE 1 Job 16 Providing and flying at ite 125mm dia PVC pipes for Rain water pipe with all elbour, dumping, transportation labcor, etc.complete 160 RM 17 M.S. SECTION Work for stair case 300 Kgs Kgs 17 M.S. SECTION Work for stair case 300 Kgs Kgs 19 Providing, fabricating & eracting in position structural steel sections (max, size angle section 25mm x 25mm x 3 mm) conforming to tatsst Bls Code, made out of Angles, Flats, Channels, for frame work for Staircase. The frame work is to be anchored to systing structural sections at Well by welding, clamps, clips, nuts & bots, washers, welds will not be paid seprately. 160 19 REMOVING 2 Cost of approved primer including surface preparation as specified and as directed. The rate include all nuts, bots, washers, welds will not be pai						
Dismentalling of existing kabelu tiles including of dumping, transportation labour etc complete 200 SQM 15 REMOVING OF OLD RAIN WATER PIPE		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		sqm		
Dismentaling of existing kabelu tiles including of dumping,transportation tabour etc complete 200 SQM 15 REMOVING OF OLD RAIN WATER PIPE 1 Job Removing of all told rain water pipe with all elbow, joints, T- joint bands etc including of all tabour, dumping, transportation etc complete 160 RM 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 300 Kgs 18 Providing, fabricating & erecting in position structural steel sections (max. size angle section 25mm x 25mm x 3mm) 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 and applying two coast of synthetic enamel paint over and including a coat of approved primer including surface preparation as specified and as directed. The rate include all nuts, bolts, washers, welds, etc. required for fabrication and erection. The weight of ruts, bolts, washers, welds will nut be paid seprately. 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 premum quality acrylic ermuision including rubbing, arme paper all labour, material, etc. complete. 1600 sqm 20 TERACOTA PAINT 1600 sqm b. Two or more coats of extering rade premium finish weather coat a storior grade prem	1.1					
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44) (i.e. by diluting 5 liter of chlorpyrifos 20 % EC with Liter of water) and spraying by high volume sprayer low the floor, per square meter surface area with ten ars guarantee bond as per I.S 6313 (Part II 191)				
eat the sides and bottom surface of the foundation enches and pits with chemical to a height of about 30cm the rate of 5 Lit. per square meter of surface area.				
ackfill earth on each side of all built up walls, which will in immediate contact with the foundation, should be bated with chemical at the rate of 7.5Lit. per linear meter vertical surface of the substructure, to a depth of 45cm d width of 15cm. The chemical shall be directed towards e masonry surfaces so that earth in contact with these rfaces is well treated with the chemical.				
fore laying the floor, treat the top surface of the nsolidated earth within the plinth walls with chemical at e rate of 5lit. per square meter. Ensure back fill against undation is treated to its full depth.	950	SQM		
/C WATER TANK 2000 LITER THREE LAYERED SULATED				
ree layered insulated water tank, including fixing at site, labour, materials etc complete, make sintex, Rotax or Q	4	Nos		
/C WATER TANK BASE PLATFORM				
CC platform Base for PVC water tank in 1:2:4 PCC orks with floating coat of cement finish all materials, pour etc complete.	2	CUM		
GH PRESSURE VALVE				
mm dia Brass valve all labour, materials, etc complete.	3	Nos		
	ars guarantee bond as per I.S 6313 (Part II 191) eat the sides and bottom surface of the foundation inches and pits with chemical to a height of about 30cm the rate of 5 Lit. per square meter of surface area. ckfill earth on each side of all built up walls, which will in immediate contact with the foundation, should be ated with chemical at the rate of 7.5Lit. per linear meter vertical surface of the substructure, to a depth of 45cm d width of 15cm. The chemical shall be directed towards e masonry surfaces so that earth in contact with these faces is well treated with the chemical. fore laying the floor, treat the top surface of the nsolidated earth within the plinth walls with chemical at e rate of 5lit. per square meter. Ensure back fill against indation is treated to its full depth. C WATER TANK 2000 LITER THREE LAYERED SULATED ree layered insulated water tank, including fixing at site, labour, materials etc complete, make sintex, Rotax or a C WATER TANK BASE PLATFORM C Datform Base for PVC water tank in 1:2:4 PCC rks with floating coat of cement finish all materials, our etc complete. GH PRESSURE VALVE	ars guarantee bond as per I.S 6313 (Part II 191) eat the sides and bottom surface of the foundation nches and pits with chemical to a height of about 30cm the rate of 5 Lit. per square meter of surface area. ckfill earth on each side of all built up walls, which will in immediate contact with the foundation, should be ated with chemical at the rate of 7.5Lit. per linear meter vertical surface of the substructure, to a depth of 45cm d width of 15cm. The chemical shall be directed towards e masonry surfaces so that earth in contact with these faces is well treated with the chemical. fore laying the floor, treat the top surface of the per to f 5lit. per square meter. Ensure back fill against indation is treated to its full depth. C WATER TANK 2000 LITER THREE LAYERED SULATED ree layered insulated water tank, including fixing at site, abour, materials etc complete, make sintex, Rotax or C Platform Base for PVC water tank in 1:2:4 PCC 2 rks with floating coat of cement finish all materials, our etc complete.	ars guarantee bond as per I.S 6313 (Part II 191) aat the sides and bottom surface of the foundation nches and pits with chemical to a height of about 30cm the rate of 5 Lit. per square meter of surface area. ckfill earth on each side of all built up walls, which will in immediate contact with the foundation, should be ated with chemical at the rate of 7.5Lit. per linear meter vertical surface of the substructure, to a depth of 45cm d width of 15cm. The chemical shall be directed towards e masonry surfaces so that earth in contact with these faces is well treated with the chemical. fore laying the floor, treat the top surface of the nsolidated earth within the plinth walls with chemical at e rate of 5lit. per square meter. Ensure back fill against indation is treated to its full depth. 950 SQM C WATER TANK 2000 LITER THREE LAYERED SULATED Nos ree layered insulated water tank, including fixing at site, labour, materials etc complete, make sintex, Rotax or at complete. 4 Nos C platform Base for PVC water tank in 1:2:4 PCC rks with floating coat of cement finish all materials, nour etc complete. 2 CUM	ars guarantee bond as per I.S 6313 (Part II 191) eat the sides and bottom surface of the foundation nches and pits with chemical to a height of about 30cm the rate of 5 Lit. per square meter of surface area. ckfill earth on each side of all built up walls, which will in immediate contact with the foundation, should be ated with chemical at the rate of 7.5Lit. per linear meter vertical surface of the substructure, to a depth of 45cm d width of 15cm. The chemical shall be directed towards e masonry surfaces so that earth in contact with these faces is well treated with the chemical. fore laying the floor, treat the top surface of the substructure. Ensure back fill against undation is treated to its full depth. 950 SQM C WATER TANK 2000 LITER THREE LAYERED SULATED Fore layered insulated water tank, including fixing at site, labour, materials etc complete, make sintex, Rotax or ate and sintex in 1:2:4 PCC 2 CUM C WATER TANK BASE PLATFORM CUM CUM CUM C Platform Base for PVC water tank in 1:2:4 PCC 2 CUM CUM CUM C Platform Base for PVC water tank in 1:2:4 PCC 3 CUM CUM CUM CUM CHATER TANK BASE PLATFORM CUM CUM CUM CUM CK PLATER TANK BASE PLATFORM CUM CUM CUM CUM

30	Providing and fixing in position 40 mm Class 'B' CPVC pipe of approved ISI branded complete with fittings, Tees, Bends etc,	80	Rmt	
	Makes: Prince, Supreme, Astral			
31	Providing and fixing in position 25 mm Class 'B' CPVC pipe of approved ISI branded complete with fittings, Tees, Bends etc,	150	Rmt	
	Makes: Prince, Supreme, Astral			
32	Providing and fixing in position 20mm Class 'B' CPVC pipe of approved ISI branded complete with fittings, Tees, Bends etc,	100	Rmt	
	Makes: Prince, Supreme, Astral			
	Makes: Prince, Supreme, Astral			
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. fittingsas per site requirement with testing etc. complete.			
	100 mm PVC pipes	100	Rmt	
	75 mm PVC pipes	150	Rmt	
34	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	
	TOTAL FOR CIVIL WORKS (PART A)			
				1

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			
	Reparing of exsting 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	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 :			
4	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)				
10	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				
15	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		
	REMOVING & REFIXING OF EXISTING PAVER BLOCK				
16	Removing & refixing of existing paver block including of	10	SQM		<u>_</u>
16	labour material etc complete				
16					
	labour material etc complete	10	CUM		

a.	Two coats of Birla white cement putty over the existing	2600	sqm	
a.	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	2000	эчш	
	complete.			
	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	
10	REPAIRING OF EXISTING SHED			
19	Repair of existing shed with all shed pipe, angle alignment, damage polycarbonate sheet repair including dumping, transportation, scafoldding, labour etc complete	125	sqm	
20				
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.		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			
24	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	6	Nee	
	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,	80	Rmt	
	Makes: Prince, Supreme, Astral			
27	Providing and fixing in position 25 mm Class 'B' CPVC pipe of approved ISI branded complete with fittings, Tees, Bends etc,	150	Rmt	
	Makes: Prince, Supreme, Astral			
28	Providing and fixing in position 20mm Class 'B' CPVC pipe of approved ISI branded complete with fittings, Tees, Bends etc,	100	Rmt	
	Makes: Prince, Supreme, Astral			
	Makes: Prince, Supreme, Astral			
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. fittingsas 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.		SQM	
2	Chajja repairs			

	Departing of eventing chailes by diamentalling of worn out	250		
	Reparing of exsting 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	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			
7	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, excludung reinforcement, including necessary shuttering, material, labour etc. complete.	2	CUM	
10				
10	REINFORCEMENT TMT BAR Providing, laying & fixing tor 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 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.	350	sqm	
12	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	
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	
5	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	

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)			
<u> </u>				1

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 staring work at according to the second start of the second sta		SQM	
	materials, labour, staging work etc complete.			
2	Chajja repairs			
	Reparing of exsting 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		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.		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		SQM	
5	Plaster			
а	Providing & laying 12MM thick Internal Plastering of walls and ceiling with cement mortar 1:4, curing, ladder use, cleaning, etc. complete.		SQM	

				1	
b	Providing & laying 18MM thick external Plastering of walls and ceiling with cement mortar 1:4, curing, ladder use, cleaning, etc. complete.	1000	SQM		
0					
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		
0					
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, excludung reinforcement, including necessary shuttering, material, labour etc. complete.	8	CUM		
12	REINFORCEMENT TMT BAR				
12	Providing, laying & fixing tor steel reinforcement of different dia, i/c binding wire, bending, cutting, etc. complete for RCC works.	700	Kgs		
13	Brush Application for terrace water proofing 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		
4-					
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			
а.	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			
h		000	0.0100	
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			
20	Removing of existing kabelu shed & existing shed with m.s. Work with all tiles including dumping, transportataion 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		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	400	Kgs	
	applying a priming coat of approved steel primer all complete.			
23	REPAIRING OF OLD SHED			
20	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 treating the bottom surface and the sides of excavation soil with the plinth beams at the rate of 5 liters of emulsio concentrate of one percent, concentration CHLORPYRIFOS 20% F.C ISI approved conforming (I 8944) (i.e. by diluting 5 liter of chlorpyrifos 20 % EC wi 95 Liter of water) and spraying by high volume spray below the floor, per square meter surface area with to years guarantee bond as per I.S 6313 (Part II 191)	in on of .S th er		
Treat the sides and bottom surface of the foundation trenches and pits with chemical to a height of about 300 at the rate of 5 Lit. per square meter of surface area.			
Backfill earth on each side of all built up walls, which w be in immediate contact with the foundation, should l treated with chemical at the rate of 7.5Lit. per linear met of vertical surface of the substructure, to a depth of 45c and width of 15cm. The chemical shall be directed toward the masonry surfaces so that earth in contact with the surfaces is well treated with the chemical.	be er m ds		
Before laying the floor, treat the top surface of the consolidated earth within the plinth walls with chemical the rate of 5lit. per square meter. Ensure back fill again foundation is treated to its full depth.	at	SQM	
TOTAL FOR CIVIL WORKS (PART	D)		
GRAND TOTAL (A+B+C+	D)		