Name Of Work: Repair & Renovation works (Civil) of Canteen Block -SBILD, Viziana garam.

SI.No	Description of Work / Item(s)	Units	Qty	Rate	Amount	Amount in Word
1	REPAIR WORKS					
3	SUB HEAD I-DISMANTLING & DIMOLISHING: Demolishing cement concrete manually/ by mechanical means including disposal of material as per direction of Engineer - in - charge					
4	Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	Cum	5.00			
5	Demolishing R.C.C. work manually/ by mechanical means including cutting & stacking of steel bars and disposal of unserviceable material as per direction of Engineer - in- charge.	Cum	5.00			
6	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material as per direction of Engineer-in-charge.					
7	In cement mortar	Cum	10.00			
8	Dismantling & taking out doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking:					
9	Of area 3 sq. metres and below	Each	8.00			
10	Dismantling tile work in floors and roofs laid in cement mortar including rubbish disposal & stacking material as per direction of Engineer - in- charge.					
11	For thickness of tiles 10 mm to 25 mm	Sqm	15.00			
12	Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking of usefull material					
13	75 to 80 mm dia pipe	Metre	0.00			
14	100 mm dia pipe	Metre	20.00			
15	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials.	Each	3.00			
16	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground .	Sqm	40.00			
17	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, for all leads including all lifts involved.	Cum	25.00			
18	Dismantalling W.C. Pan(all types) of all sizes/wash basins including disposal of dismantled materials including malba all complete as per directions of Engineer-in-Charge	Each	8.00			
19	Total of Subhead					
20	SUB HEAD II- REPAIRS TO BUILDING					
21	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.					
22	With cement mortar 1:4 (1 cement : 4 fine sand)	Sqm	40.00			
23	Fixing chowkhats in existing opening including embedding chowkhats in floors or walls cutting masonry for holdfasts, embedding hold fasts in cement concrete blocks of size 15 x 10 x 10 cm with cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size), painting two coats of approved wood preservative to sides of chowkhats and making good the damages to walls and floors as required complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.					
24	Door chowkhats	Each	4.00	+		
25	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	Sqm	580.00			
26	Removing dry or oil bound distemperACRYLIC EMULSION/ water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	Sqm	230.00			

27	Chipping of unsound/weak concrete material from slabs, beams, columns etc. with manual Chisel and/ or by standard power driven percussion type or of approved make including tapering of all edges, making square shoulders of cavities including cleaning the exposed concrete surface and reinforcement with wire brushes etc. and disposal of debris for all lead and lifts all complete as per direction of Engineer-In-Charge				
	50 #11		450.00		
28 29	50mm average thickness Drilling suitable holes in reinforced or plain cement concrete with power driven drill machine to a minimum depth of 100mm upto 200mm in RCC beams, lintels, columns and slabs to introduce steel bars for sunshades/balconies including fixing the steel bars in position using epoxy resin anchor grout of approved make but excluding the cost of reinforcement, all complete as per direction of Engineer-In-Charge	Sqm	150.00		
30	Upto and including 12mm dia.	Each	20.00		
31	Providing, mixing and applying bonding coat of approved adhesive on chipped portion of RCC as per specifications and direction of Engineer-In-charge complete in all respect.				
32	Epoxy bonding adhesive having coverage 2.20 sqm/kg of approved make	Sqm	50.00		
33	Providing, mixing and applying SBR polymer (of approved make) modified Cement mortar in proportion of 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt. of cement used) as per specifications and directions of Engineer-in-charge.Note: Measurement and payment: The pre-measurement of thickness shall be done just after the surface preparation is completed and Payment under this item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding / tapping with a blunt metal instrument and/or the 75mm size cube crushing strength at the end of 28 days to be not less than 30 N/Sqmm2).				
34	25 mm average thickness in 2 layers	Sqm	150.00		
35	Providing, mixing and applying SBR polymer (of approved make @ minimum 2% by wt. of cement used) modified plain/reinforced cement concrete for structural members having minimum characteristic compressive strength [with ordinary portland cement, coarse sand and graded stone aggregate of 10mm maximum size in proportion as per design criteria] with specified average thickness.Note: Rates shall be for finished surface area of concrete and shall include the cost of labour, concrete and appropriate approved Super Plasticiser for rendering concrete as flowable and SBR polymer but shall exclude cost of einforcement, bond coat, Shear Keys, centering and shuttering, strutting, propping etc (Payment under this item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding/tapping with a blunt metal instrument)				
36	50mm thick in Grade M 25 with cement content not less than 330 kg per cum	Sqm	0.00		
37	Providing and injecting approved grout in proportion recommended by the manufacturer into cracks/honey-comb area of concrete/ masonry by suitable gun/pump at required pressure including cutting of nipples after curing etc. complete as per directions of Engineer-in Charge(The payment shall be made on the basis of actual weight of approved grout injected.)				
38	Stirrer mixed SBR Polymer (of approved make) modified Cement slurry made with Shrinkage Compensating Cement in concrete/RCC work.	Kg	10.00		
39	Providing, erecting, maintaining and removing temporary protective screens made out of specified fabric with all necessary fixing arrangement to ensure that it remains in position for the work duration as required by the Engineer-incharge.				
40	Wooven PVC cloth	Sqm	0.00		
41	Shotcreting R.C.C. columns, beams and slabs etc. in layers with approved design mix concrete having the specified minimum characteristic compressive strength [with ordinary portland cement, coarse sand and graded stone aggregate of 10 mm maximum size in proportion as per design criteria] including the cost of centering and shuttering at edges and corners etc. as directed by Engineer in-Charge.Note: Rates shall include the providing necessary ground wires etc. The levelling gauges, if used, shall be paid for separately. Payment under this item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding/ tapping with a blunt metal instrument.				
42	25mm thick in Grade M 25 with cement content not less than 330 kg per cum	Sqm	10.00		
43	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design :				
44	In 75x75 mm deep chase	Metre	20.00		

45	Making khurras 45x45 cm with average minimum thickness of 5	Each	20.00		
	cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded				
	stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m				
	x1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1)				
	cement : 3 coarse sand) and a coat of neat cement, rounding				
	the edges and making and finishing the outlet complete.				
46	Total of Subhead				
47	NEW WORKS TO BUILDING				
48	SUB HEAD -III ,EARTH WORK EXCAVATION:				
49	Earth work in excavation by mechanical means (Hydraulic				
	excavator) / manual means over areas (exceeding 30cm in				
	depth. 1.5 m in width as well as 10 sqm on plan) including				
	disposal of excavated earth, lead upto 50m and lift upto 1.5m,				
	disposed earth to be levelled and neatly dressed.				
50	All kinds of soil. a) Lift 0-1.5 m	Cum	5.00		
51	Earth work in excavation by mechanical means (Hydraulic				
	excavator) / manual means over areas (exceeding 30 cm in				
	depth, 1.5 m in width as well as 10 sqm on plan) including				
	disposal of excavated earth, lead upto 50 m and lift upto 1.5 m,				
	disposed earth to be levelled and neatly dressed.				
52	a) Ordinary rock :Lift 0-1.5 m	Cum	0.00		
53	Excavating trenches of required width for pipes, cables, etc,		<u> </u>	1	
53	including excavation for sockets, depth upto 1.5 m, including				
	getting out the excavated materials, returning the soil as				
	required in layers not exceeding 20 cm in depth, including]
	consolidating each deposited layers by ramming, watering etc.,				
	stacking serviceable material for measurements and disposal				
	of unserviceable material as directed, within a lead of 50 m :				
	Ordinary Rock.				
	Ordinary NOON.				
54	All Kinds of soil				
55	Pipes, cables etc. not exceeding 80 mm dia	Metre	15.00		
56	Pipes, cables etc. exceeding 80 mm dia but not exceeding 300	Metre	20.00		
	mm dia				
57	Total of Subhead				
58	SUB HEAD -IV ANTI TERMITE TREATMENT:				
59	Supplying chemical emulsion in sealed containers including				<u> </u>
59					
	delivery as specified.				
60	Chlorpyriphos/ Lindane emulsifiable concentrate of 20%	Litre	30.00		
61	Diluting and injecting chemical emulsion for				
	POSTCONSTRUCTIONAL anti-termite treatment (excluding the				
	cost of chemical emulsion) :				
62	Along external wall where the apron is not provided using				
-	chemical emulsion @ 7.5 litres / sqm of the vertical surface of				
	the substructure to a depth of 300 mm including excavation				
	channel along the wall & rodding etc. complete:				
63	With Chlorpyriphos/ Lindane E.C. 20% with 1% concentration	Metre	50.00		<u> </u>
63	With Chlorpyriphos/ Ellidarie E.C. 20% with 1% concentration	Metre	30.00		
-					
64	Along the external wall below concrete or masonry apron us ing				
	chemical emulsion @ 2.25 litres per linear metre includ ing				
	drilling and plugging holes etc.:				
65	With Chlorpyriphos/ Lindane E.C. 20% with 1% concentration	Metre	0.00		
"					
66	Treatment of soil under existing floors using chemical				
	emul sion @ one litre per hole, 300 mm apart including drilling				
	12 mm diameter holes and plugging with cement mortar 1 :2 (1				
	cement : 2 Coarse sand) to match the existing floor:				
67	With Chlorpyriphos/Lindane E.C. 20% with 1% concentration	Sqm	0.00		
<u></u>			<u> </u>	<u> </u>	
68	Treatment of existing masonry using chemical emulsion @ one				
	litre per hole at 300 mm interval including drilling holes at 45				
	degree and plugging them with cement mortar 1:2 (1 cement : 2				
	coarse sand) to the full depth of the hole :				
69	With Chlorpyriphos/Lindane E.C. 20% with 1% concentration	Metre	50.00		
70	Treatment at points of contact of wood work by chemical	Metre	50.00	1	
'0	emulsion Chlorpyriphos/ Lindane (in oil or kerosene based	Mene	30.00		
	solution) @ 0.5 litres per hole by drilling 6 mm dia holes at				
	downward angle of 45 degree at 150 mm centre to centre and				
	sealing the same				
<u></u>	Scanny the same		<u></u>	<u> </u>	 <u> </u>
71	Total of Subhead				
72	SUB HEAD -V: PLAIN & REINFORCED CEMENT				
-	CONCRETE:				
73	Providing and laying in position cement concrete of specified		1		
13	grade including the cost of centering and shuttering - All work				
	from plinth to Floor V level :				
L					
74	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural	Cum	5.00		
	sources : 4 graded stone aggregate 20 mm nominal size				
	derived from natural sources)				
75	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural	Cum	0.00	1	
	sources : 6 graded stone aggregate 20 mm nominal size	J1			
1	derived from natural sources)				1
	donivod nom natural souloes)			1	

76	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	Cum	10.00		
77	Providing and fixing up to floor five level precast cement concrete string or lacing courses, copings, bed plates, anchor blocks, plain window sills, shelves, louvers, steps, stair cases, etc., including hoisting and setting in position with cement mortar 1:3 (1 Cement : 3 coarse sand), cost of required Centering complete.				
78	1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20mm nominal size).	Cum	0.00		
79	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 12.5mm nominal size derived from natural sources)	Sqm	0.00		
80	Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification.	per 50 kg cement	25.00		
81	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	Sqm	52.00		
82	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement:				
83	1:1.5:3 (1 cement: 1.5 coarse sand(zone-III) derived from natural sources: 3 graded stone aggregate 20 mm nominal size derived from natural sources)	Cum	10.00		
84	Supplying, fabricating and fixing in position reinforcement bars at all levels and positions including centering, shuttering, the cost of steel, straightening, cutting, bending, binding and placing in position etc., as per drawings and specifications including the cost of binding wire, labour etc., all complete for reinforced concrete.				
85	a) TMT bars of grade Fe-500	Kg	200.00		
86	Providing and laying in position ready mixed M-25 grade concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work, including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement, including cost of admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer-in-charge. (Note: Cement content considered in this item is @ 330 kg/cum.Excess/less cement used as per design mix is payable/recoverable separately).				
87	All works Upto plinth level	Cum	0.00		
88	All works above plinth level upto floor V level	Cum	0.00		
89	Add/Deduct for using extra cement in the items of design mix over and above the specified cement content there in.	QtI	5.00		
90	Providing and laying in position specified grade of reinforced cement concrete, including the cost of centering, shuttering, finishing andreinforcement - All work plinth to floor v level:				
91	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	Cum	10.00		
92	Providing, fixing and stripping off all types of shuttering using steel / plywood form work for the following items of RCC works at the heights and depths mentioned against each item etc.,complete as per specifications and as directed by the engineer in charge.	Cour	0.00		
93	a) Foundations & footings & bases of columns	Sqm	0.00		
94	b)Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc.	Sqm	0.00		
95	c)Suspended floors, roofs, landings, balconies and access platform	Sqm	0.00		
96	d)Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm	0.00		
97	e)Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	0.00		
98	Weather shade, Chajjas, corbels etc., including edges	Sqm	0.00		

99	Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc., including cost of				
	de-shuttering and decentering at all levels, over a height of 3.5				
	m, for every additional height of 1 metre or part thereof (Plan area to be measured).				
100	Suspended floors, roofs, landing, beams and balconies (Plan	Sqm	0.00		
	area to be measured)	Oqiii	0.00		
101	Total of Subhead				
102	SUB HEAD- VI : STONE & BRICK MASONARY.				
103	Brick work with common fly ash (non modular) bricks of class designation 7.5 in foundation and plinth in:				
104	Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	5.00		
105	Brick work with non modular fly ash bricks conforming to				
	IS:12894, class designation 10 average compressive strength in				
	super structure above plinth level up to floor V level in :				
106	Cement mortar 1:6 (1 cement : 6 Coarse sand)	Cum	5.00		
107	Half brick masonry with non modular fly ash bricks of class				
	designation 10, conformingio IS :12894, in super structure above plinth and upto floor V level.				
108	Cement mortar 1 : 4 (1 cement : 4 coarse sand)	Sqm	10.00		
109	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.	Sqm	10.00		
110	Total of Subhead				
111	SUBHEAD - VII: PLASTERING & SURFACE TREATMENT:				
112	Providing of 6mm cement plaster of mix in all surface with cement mortar				
113	1:3 (1 cement : 3 fine sand / M-Sand) at all levels	Sqm	20.00	 	
114	Providing of 12mm cement plaster of mix in all surface with cement mortar				
115	1:6 (1 cement : 6 fine sand / M-Sand) at all levels	Sqm	30.00		
116	15 mm cement plaster on the rough side of single or half brick				
445	wall.	0	00.00		
	1:6(1 cement:6 coarse sand)	Sqm	30.00		
118	Cement plaster 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement.				
119	20 mm cement plaster	Sqm	5.00		
120	18 mm cement plaster in two coats under layer 12 mm thick	Sqm	5.00		
	cement plaster 1:5 (1 cement : 5 coarse sand) and a top layer 6 mm thick cement plaster 1:3 (1 cement : 3 coarse sand) finished rough with sponge				
121	Extra for providing and mixing water proofing material in cement	per bag of	5.00		
	plaster work in proportion recommended by the manufacturers:	50kg cement			
		used in the mix			
122	Add for plaster drip course/ groove in plastered surface or	Metre	10.00		
	moulding to R.C.C. projections.				
123	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gram/litre ,of approved brand,	Sqm	575.00		
	& manufactuerer, including applying additional coats whereever required, to achieve even shade & color. Old work (One or more				
	coats.)				
124	Finishing walls with water proofing cement paint of required shade:				
125	New work /old work(Two or more coats applied @ 3.84 kg/10 sqm)	Sqm	200.00		
126	White washing with lime to give an even shade :	Sqm	20.00		
127	Finishing walls with textured exterior paint of required shade :	Oqiii	20.00		
128	New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm	Sqm	20.00		
129	Finishing walls with Acrylic Smooth exterior paint of required shade				
130	New work (Two or more coat applied @ 1.67 ltr/10 sqm over	Sqm	450.00		
	and including priming coat of exterior primer applied @ 0.90 liter /10 sqm)				
	Applying priming coat :				
132	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/steel works	Sqm	50.00		
133	Painting with synthetic enamel paint of approved brand and				
	manufacture to give an even shade :				
134	Two or more coats on new work	Sqm	50.00		
135	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the	Sqm	50.00		
	plastered wall surface to prepare the surface even and smooth				
	complete.				

136	Providing and applying two coats of fire retardant paint on cleaned wood / ply surface @ 3.5 sqm per litre per coat including preparation of base surface as per recommendations of manufacturer to make the surface fire retardant.	Sqm	10.00		
137	White washing with lime to give an even shade :				
138	Old Work(One or More coats)	Sqm	300.00		
139	Distempering with 1st quality acrylic distember (Ready mix) having VOC content less than 50 grams/ litre of approved brand and manufacture to give an even shade				
140	NEW work (one or more coats)	Sqm	580.00		
141	Total of Subhead				
142	SUBHEAD-VIII: FLOORING				
143	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:				
144	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	Cum	10.00		
145	Providing and fixing 18mm thick gang saw cut mirror polished premoulded and polished machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 Cement: 4 coarse sand) with joints treated with white cement, mixed with matching pigment. epoxy touch ups, including rubbing, curing, moulding and polishing to edge to give high gloss finish etc. complete at all level Granite of any colour and shade Area of slab over 0.50sqm	Sqm	5.00		
146	Providing edge moulding to 18mm thick marble stone counters, Vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer- in-Charge. Granite work / Marble Work	Metre	10.00		
	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1:4 (1 cement: 4 coarse sand):				
	25 mm thick	Sqm	10.00		
149	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete	Sqm	5.00		
150	Marble stone flooring with 18mm thick marble stone as per sample of marble approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4coarse sand) laid and jointed with grey cement slurry, including rubbing and polishing complete with: Udaipur green marble	Sqm	0.00		
151	Extra for marble stone flooring in treads of steps and risers using single length up to 2.00 metre.	Sqm	0.00		
152	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS: 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, 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., complete	Sqm	100.00		
153	RAK/KAJARIA/EQUIVALENT MAKE.				
154	Cat no-RAK-Breviera grey- A04RZBRE-Gyo.MoU				
	Providing and fixing 1st quality ceramic glazed wall tiles conforming to 1s: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.Wall tile Size(300 x 450 mm)	Sqm	50.00		
156	Cat no-RAK-Breviera grey- A14RZBRE-Gyo.GoR				
157	Cat no-RAK-Breviera grey-mosaic décor- A14RZBRE-Gyo.GRR				

158	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.				
159	Double charge vitrified tile polished finish of size				
160	Seine Light Grey or Seine Light Orange				
161	Size of Tile 600X600 mm.	Sqm	0.00		
	Providing and laying Vitrified tiles in different sizes (thickness to	oqiii	0.00		
	be specified by manufacturer), with water absorption less than				
	0.08 % and conforming to I.S. 15622, of approved make, in all				
	colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with				
	grey cement slurry @ 3.3 kg/ sqm including grouting the joint				
	with white cement & matching pigments etc. complete. Double				
	charge vitrified tile polished finish of any size				
460	Size of Tile 600x600 mm	Cam	0.00	1	
163	GVT-Cem Avorio OR Cimentina White	Sqm	0.00	1	
165	Chegered cement concrete precast tiles of 22 mm thick in stilt	Sqm	20.00	 	
100	portion, footpath,court yard jointed with neat cement slurry	Sym	20.00		
	mixed with pigment to matchthe shade of tiles, including rubbing				
	and cleaning etc. complete, on 20mm thick bed of cement				
	mortar 1:4(1cement:4coarse sand):Medium shade pigment using 50% white cement 50% grey cement				
	5 - 7				
166	Total of Subhead			 	
167	SUBHEAD-IX: STEEL, JOINERY &WOOD WORK. Providing and fixing ISI marked flush door shutters conforming				
100	to IS : 2202 (Part I) -decorative type, core of block board				
	construction with frame of 1st class hard wood and well				
	matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:				
	cross bands and face veneers on both faces of shutters:				
160	35 mm thick including ISI marked Stainless Steel butt hinges	Sqm	10.00		
100	with necessary screws (all doors)	Oqiii	10.00		
170	25 mm thick (for cupboard) including ISI marked nickel plated	Sqm	15.00		
	bright finished M.S. piano hinges IS : 3818 marked with				
171	necessary screws. Providing, fitting & fixing of 3000 Series Roller Blind of interlace	Sqm	20.00		
	make consisting of various sizes of roller tubes, mechanisms	94	20.00		
	and bracketry to cover a wide variety of window sizes. The				
	system is suitable for anything from attachment to doors, through to large areas of glazing. The roller tubes are a strong				
	and robust design extruded from aluminium to provide a rigid				
	barrel which will resist deflection. The internal ribs strengthen				
	the design to allow heavy weight screen type and blackout				
	fabrics to be used. The mechanisms are manufactured from UV- resistant plastic to ensure a long life. The larger systems have a				
	geared mechanism which can also be combined with an internal				
	spring within the tube, which makes operation lightweight and				
	easy. The side chains are manufactured from stainless steel and have a endless join to allow complete flexibility. The blind				
	hembar is normally concealed within the fabric to be				
	unobtrusive. To give additional weight, a 22mm aluminium				
	section is used which is a circular extrusion and finished in white (or any other RAL colour to order). The larger systems can also				
	be coupled with a full cassette system with an attractive rounded				
	profile which fully contains the roller barrel, fabric and				
	mechanism. Alternatively, a square fascia can be used to give				
	the effect of a cassetted blind, or a concealing bulkhead whilst maintaining accessibility to the mechanics of the system.				
	g, to all initialized of the option.				
470	Providing & Fiving Fiber Class Painformed -11(FDD) D	Dest	25.00	 	
172	Providing & Fixing Fiber Glass Reinforced plastic(FRP) Door Frames of cross-section 90 mm x 15 mm to receive shutter of	Rmt	25.00		
	30 mm thickness. The laminate shall be moulded with fire				
1	resistant grade unsaturated polyester resin and chopped mat.				
	Door frame laminate shall be 2 mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be				
	covered with fiber glass from all sides. M.S. stay shall be				
	provided at the bottom to steady the frame.				
173	30 mm thick fiberglass Reinforced plastic (F.R.P.) flush door	Sqm	15.00	 	
'''	shutter in different plain and wood finish made with fire retardant	Oqiii	10.00		
	grade unsaturated polyester resin, moulded to 3 mm thick FRP				
1	laminate all around, with suitable wooden blocks inside at required places for fixing of fittings and polyurethane foam				
1	(PUF)/Polystyrene foam to be used as filler material throughout				
	the hellow panel, casted monolithically with testing parameters				
	of F.R.P. laminate conforming to table - 3 of IS: 14856 ,				
	complete as per direction of Engineer-in-charge.				
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175 Providing and faining false second ligning of size 2xixid min in particular providing and faining fils. 19917 marked startiess alond but for providing and faining fils. 19918 marked startiess and but for providing and faining statistics series of the providing and faining statistics series. Including wording, granding file same with recessary startiess state make and both complete, (in fining made of the horizon states, characters, between the providing and faining made of the particular providing development of the faining which in carriage with recessary startiess steel make and both complete, (in fining the rating with recessary startiess steel make and both complete, (in fining the rating with recessary startiess steel make and both complete, (in fining the rating with recessary startiess steel make and both complete, (in fining the rating with the steel of the foot or the side of the foot of startiess steel makes and selected with states for the side of starties and the side of the foot or	
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177 Providing and fiving statistics steel (Circles 991) railing made of blebtox lates, churches, puterior, including verificial, puterior, containing the containing of the containing the containing of the containing to containing the containing to containing the containing to containing the containing to containing the containing	
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R1 and R2 profiles and 2.10 mm for series R3 and R4 profiles conforming to EN: 12608 in any space, colour and design duly reinforced with galvanized mild steel section made of required shape & size as per CPWDspecification, uPVC exturded glazing beads, interlocks and Inline sash adaptor (there ever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367: part 1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. profile of frame, sash & mullion (if required) shall be mitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage of water etc. after fixing frame the gap between frame and adjacengt finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing conforming to CPWD specification & direction of Engineer-in Charge. Section of steel reinforcement and cross sections of uPVC profiles to be as per design approved by Engineer - in -Charge. Wire mesh/ Glazing of plain/ toughened/ laminated/ double glass unit with / without high performance coatings as per design requirements and conforming to IS:3548 & IS: 16231 shall be paid separately.Note:- Structural design proof checked from a Government Engineering Institute, to provided by the	
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191 Total of Subhead	
193 Providing and fixing on wall face unplasticised Rigid Single	
socketed PVC rain water pipes conforming to IS : 13592 Type A, along with injection moulded fittings as required e.g., bends	
on any angle, sockets, junction, cowls, offsets, access pieces,	
including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion, providing and fixing MS stays	
& clamps and cutting & making good the holes in floors and	
walls wherever required etc. all complete. (For Rain water pipe).	
194 110 mm diameter	
194 110 mm diameter Metre 30.00	

40=	Draviding and fiving unclesticies 4 DVO 1 P (I			<u> </u>	1
195	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of				
	50x50x50 mm hard wood plugs, screwed with M.S. screws of				
	required length, including cutting brick work and fixing in cement				
	mortar 1:4 (1 cement : 4 coarse sand) and making good the wall				
400	etc. complete.		00.00		
196	110 mm diameter	Each	20.00		
197	Providing and fixing to the inlet mouth of rain water pipe PTMT (an Engineering Thermoplastic) grating square (Slit) 150 mm	Each	15.00		
	square with a height of 8 mm and weighing not less than 100				
	gms.				
198	Providing and fixing false ceiling at all height including providing				
	and fixing of frame work made of special sections, power				
	pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sgm (both side inclusive) as per IS: 277 and				
	consisting of angle cleats of size 25 mm wide x 1.6 mm thick				
	with flanges of 27 mm and 37mm, at 1200 mm centre to centre,				
	one flange fixed to the ceiling with dash fastener 12.5 mm dia x				
	50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts &				
	bolts of required size and other end of angle hanger fixed with				
	intermediate G.I. channels 45x15x0.9 mm running at the				
	spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered				
	flanges of 26 mm each having lips of 10.5 mm, at 450 mm				
	centre to centre, shall be fixed in a direction perpendicular to				
	G.I. intermediate channel with connecting clips made out of 2.64				
	mm dia x 230 mm long G.I. wire at every junction, including fixing.				
199	perimeter channels 0.5 mm thick 27 mm high having flanges of				
	20 mm and 30 mm long, the perimeter of ceiling fixed to				
	wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing				
	of gypsum board to ceiling section and perimeter channel with				
	the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c,				
	including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing				
	compound, jointing tapes, finishing with jointing compound in 3				
	layers covering upto 150 mm on both sides of joint and two				
	coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for				
	light fittings, grills, diffusers, cutouts made with frame of				
	perimeter channels suitably fixed, all complete as per drawings,				
	specification and direction of the Engineer in Charge but excluding the cost of painting with :				
	g p				
200	12.5 mm thick tapered edge gypsum moisture resistant board	Sqm	0.00		
201	Providing and fixing tiled false ceiling of specified materials of				
20.	size 595x595 mm in true horizontal level, suspended on inter				
	locking metal grid of hot dipped galvanized steel sections (
	galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length				
	and of size 24x38 mm made from 0.30 mm thick (minimum)				
	sheet, spaced at 1200 mm center to center and cross "T" of				
	size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center				
	to form a grid of 1200x600 mm and secondary cross "T" of				
	length 600 mm and size 24x25 mm made of 0.30 mm thick				
	(minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size				
	24x24x0.3 mm and laying false ceiling tiles of approved texture				
	in the grid including, required cutting/making, opening for				
	services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling				
	using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to				
	ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm				
	GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main				
	T, bottom exposed width of 24 mm of all T-sections shall be pre-				
	painted with polyester paint, all complete for all heights as per				
	specifications, drawings and as directed by Engineer-in-charge.				
202	Total of Subhead				
	SUBHEAD-XI: SANITARY SERVICES Providing and fixing water closet squatting pan (Indian type				
204	W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low				
	level white P.V.C. flushing cistern, including flush pipe, with				
	manually controlled device (handle lever) conforming to IS: 7231, with all fittings and fixtures complete, including cutting and				
	making good the walls and floors wherever required:White				
	Vitreous china Orissa pattern W.C. pan of size 580x440 mm				
1	with integral type foot rests				
205	White Vitreous china Orisea pattern W.C. pap of cita 500,440	Fach	1 00		
205	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	Each	1.00		

206	Supplying and fixing approved quality European water closet with FRP cistern set comprising of: (a) Star White glazed European water closet with wash down pattern of approved make with P or S trap fixed to floor with necessary teak wood plugs, CP brass screws, etc. (b) 10 ltrs. capacity PVC low level flushing cistern made of corrosive resistant materials fixed to wall with necessary brackets and screws, and plugs with matching chromium plated flush bend with float valve and flushing arrangements of slimline or equivalent. (c) 15 mm heavy quality flexible PVC inlet connection with brass hexagonal check nuts with washer at both ends. (d) Approved make plastic seat and cover to match the colour of water closet and CP hinges fixed to water closet. (e) 15 mm CP brass Angular stop cock fixed between GI outlet and PVC inlet. OPS-WHT-15753P180UFSMZ\or 15753NP180UFSMZ	Each	1.00		
208	Providing and fixing wash basin with C.I. brackets, 15mm C.P.				
	brass pillar tap, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require with White vitreous china flat back wash basin size 550x400 mm with single 15 mm C.P. brass pillar tap, 15mm PVC connection pipe with angle valve, waste coupling & 2 Cl brackets.				
209	size 630x450 mm with a pair of 15 mm C.P. brass pillar tap	Each	0.00		
210	size 550x400 mm with a pair of 15 mm C.P. brass pillar tap	Each	3.00		
211	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. With Flexible pipe 32	Each	5.00		
212	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick	Each	1.00		
213	fixing with C.P. brass screws etc. complete.	Each	5.00		
214	Providing and fixing C.P. Brass towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality colour and make. 600mm x 20mm size	Each	2.00		
215	Providing and fixing C.P. Brass towel ring 200 dia size complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality colour and make.	Each	2.00		
216	Providing and fixing Health faucet with concealed fitting arrangement of approved quality colour and make. (Jaquar ALD-565)	Each	2.00		
217	Providing and fixing C.P.brass long body bib cock of approved quality conforming to IS standard and Weighing not less than 690 gms. 15 mm nominal bore.	Each	3.00		
218	Florentine Jaquar Group Long Body Bib Cock with Wall Flange with Aerator (1051071A) Bib Tap Faucet (Wall Mount Installation Type)	Each	2.00		
219	Providing & fixing in position Florentine group JaquarCP Soap dispenser.(Each	2.00		
220	Providing and fixing CP brass grating with frame of approved design including setting in floor with cement motor to match with floor finish as per architect requirement. a) Size 100 mm X 100 mm	Each	3.00		
221	Providing, fitting and fixing C.P. brass stop cock Jaquar florentine/equvalent model (concealed) of standard design and of approved make conforming to IS:8931. 15 mm nominal bore	Each	2.00		
222	Providfing,fitting & fixing of basin faucet Jaquar Florentine	Each	2.00		
223	Providing,fitting& fixing of Jaquar Florentine ,Kitchen Sink Cock,	Each	2.00		
224	Total of Subhead				

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233 pps. cabbes etc. exceeding 80 mm dia but not exceeding 300 mm dia 200 mm	
mm dia mm dia dia controlling brick maerry chamber for underground C.I. dispection chamber and bends with troits in coment motion 1.4 (1 clement 1.4 course sand). Cl. Lover with frame to be not less than 38 (eveleght of cover with frame to be not less than 38 (eveleght of cover with frame to be not less than 38 (eveleght of cover 28 kg and weight of frame 16 kg), R.C.C. top slab with 1.1.5.3 mix (1 cement 1.15 Fire sand 1.3 graded stone aggregate 20 mm normal stap), foundation concrete 1.5.10 (1 cement 1.5 fine sand 1.0 graded stone aggregate 40 mm normal stap), foundation concrete 1.5.10 (1 cement 1.5 fine sand 1.0 graded stone aggregate 40 mm normal stap), foundation concrete 1.5.10 (1 cement 1.5 fine sand 1.0 graded stone aggregate 40 mm normal stap), foundation concrete etc. complete as per standard design: 235 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 237 Insiste dimensions 455x010 mm and 45 cm deep for single pipe line with free or crime risks. 238 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 239 Extra for depth beyond 45 cm of brick masonry chamber: 240 With common burnt clay F.P.S. (non modular) mixture of the common burnt clay F.P.S. (non modular) bricks of class designation 7.5 241 For 600.0850 mm size 341 For 600.0850 mm size 342 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 243 Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry bricks of class designation 7.5 244 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 245 Supplying filling, spreading & levelling stone boulders of size 5 cm to 2.0 cm , in recharge ptiln the required thickness, for all leads & fills all complete as per direction of figure in-charge in modern control of the common burnt clay F.P.S. (non modular) bricks of class designation 7.5 246 Supplying filling, spreading & levelling gravel of size 5 mm to 10 mm, over the avising layer in recharge ptiln the required thickness, for all lea	
inspection chamber and bends with bricks in cement mortar 14 (1 cement 14 docrare sand) C. Lover with frame (gith duty) 4556/10 mm internal dimensions, total weight of cover with frame to be not less thin as 8 (give)gith of cover 28 kg and weight of frame 15 kg), R.C.C. by sala with 11,53 mit (1 cement 3 dimensions) and weight of frame 15 kg), R.C.C. by sala with 11,53 mit (1 cement 3 dimensions) and the salary formation be not less than 36 kg (weight of cover 28 kg and weight of frame 15 kg), R.C.C. by sala with 11,53 mit (1 cement 3 dimensions) and the salary formation of the sand 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with ownered mortar 13 (1 cement 3 coarse sand), finished smooth with a floating cost of neat cement on walls and bed concrete etc. complete as per standard design. 235 [Inside dimensions 4556/10 mm and 45 cm deep for single pipe line is line 1. 236 [Vith common burnt clay F.P.S. (non modular) bricks of class designation 7.5 dimensions 600x 850 mm and 45 cm deep for pipe line with three or more infels: 236 [Vith common burnt clay F.P.S. (non modular) bricks of class designation 7.6 dimensions 600x 850 mm and 45 cm deep for pipe line with three or more infels: 237 [Vith common burnt clay F.P.S. (non modular) bricks of class designation 7.6 dimensions 600x 850 mm size 248 [Vith common burnt clay F.P.S. (non modular) meter or vith common burnt clay F.P.S. (non modular) bricks of class designation 7.6 meter deep with 45 x 45 cm day hork honey comb shaft with bricks and S.W. drain pipe 100 mit dimensions 600x 600x 600x 600x 600x 600x 600x 600	
(if cement : 4 coarse sarsly C.L. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover with frame to be not less than 38 kg (weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg). RCC. top slab with 1:1.53 ms. (if cement : 1.5 Fine sand : 3 graded stone aggregate 20 mm read and 2005 distallors conscribed 1:51 of cement in fine plastering 12 mm thick with cement mortar 1:3 (f cement : 3 coarse sand), finished somoth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design: 235 Inside dimensions 455x610 mm and 45 cm deep for single pipe fine: 236 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 237 Inside dimensions 600x 850 mm and 45 cm deep for pipe line with three or more lintes: 238 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 239 Extra for depth beyond 45 cm of brick masorry chamber : 240 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 241 For 600x850 mm size 242 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 243 Extra for depth beyond 45 cm of brick masorry chamber : 244 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 245 Supplying,filling,spreading & levelling stone budders of size 5 246 Supplying,filling,spreading & levelling stone budders of size 5 247 Supplying,filling,spreading & levelling stone budders of size 5 248 Supplying,filling,spreading & levelling stone budders of size 5 249 Supplying,filling,spreading & levelling savel of size 5 mm to 10 mm over the aciding layer in recharge pluin the required trackness for all leads & lifts all complete as per direction of 240 Exchange for all leads & lifts all complete as per direction of 241 Foreign & foreign & foreign & levelling savel of size 5 mm to 10 mm over the aciding layer in recharge pluin the required trackness for a	
frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg). R.C.C. top slab with 1:1.5.3 mix (1 cement : 1.5 Fine sand : 3 graded stone aggregate 20 mm nominal size), foundation concreted 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plaseting 12 mm thick with cement mother 1.3 (1 cement : 3 coarse sand), finished smooth with a floating cost of next standard design: 235 Inside dimensions 455x610 mm and 45 cm deep for single pipe line: 236 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 237 Inside dimensions 800x 850 mm and 45 cm deep for pipe line with three or more intels: 238 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 239 Exits for of cepts beyond 45 cm of brick masonry chamber : 240 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 241 For 600x590 mm size 242 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 243 For 600x590 mm size 244 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 245 Supplying, filling spreading 8 levelling stone boulders of size 5 cm to 20 cm in recharge pith, the required thickness, for all leads & lifts all complete as per direction of Engineer -in-charge 246 Supplying, filling spreading & levelling stone boulders of size 5 cm to 20 cm in recharge pith, the required thickness, for all leads & lifts all complete as per direction of Engineer -in-charge 247 Supplying, filling spreading & levelling gravel of size 5 mm to 10 mm over the existing layer in recharge pith in the required thickness, for all leads & lifts all complete as per direction of Engineer -in-charge 248 Proving & Gring of factory made precast RCC perforated drain cores sectional TMT hoop bars including providing 50 mm ind aperforation 62 to mm in clamp dept brink provided by the mm diagree of size 5 mm to 10 mm over the existing layer in recharge pith in the required thickness, for all leads & lifts all com	
weight of frame 15 kg), R.C.C. top slab with 1:1.53 mix (1) coment : 1.5 Fines and : 3 graded stone aggregate 20 mm nominal size), foundation concrete : 1:5-10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plaistering 12 mm trick with cement mortar 1:3 (1 cement : 3 coarse sand), finished somoth with a floating cost of next observable of the standard design. 235 Inside dimensions 455x610 mm and 45 cm deep for single pipe line : 236 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 237 Inside dimensions 600x 859 mm and 45 cm deep for pipe line with three or more intells : 238 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 239 Extra for depth beyond 45 cm of brick masonry chamber : 240 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 241 For 600x850 mm size 242 With common burnt clay F.P.S. (non modular) 243 Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick for class designation 7.5 244 With common burnt clay F.P.S. (non modular) 245 Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 m diameter, 1.8 m long complete as per standard design. 246 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 247 Supphying filling apreading 8 levelling stone boulders of size 6 cm to 20 cm , in recharge pith. the required trickness for all leads & lifts all complete as per direction of Engineer -in-charge 247 Supphying filling apreading 8 levelling stravel of size 1.5 mm to 10 m, over the existing layer in nethage pith in the required trickness for all leads & lifts all complete as per direction of Engineer -in-charge 248 Orveing & Kning of factory made precast RCC perforated drain cores sectional TMT hoop bars including providing 50 mm rid aperforation 6 gloom m. reforeced with 8 m m da 4 and 4 so so of on cross sectional TMT hoop bars including providing 50 mm dia perforation 6 glo	
nominal size), foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design: 235 Inside dimensions 455x810 mm and 45 cm deep for single pipe ine : 236 With common burnt clay F.P.S. (non modular) 337 Inside dimensions 600x 850 mm and 45 cm deep for pipe line with three or more inlets: 338 With common burnt clay F.P.S. (non modular) 339 Extra for depth beyond 45 cm of brick masonry chamber : 240 With common burnt clay F.P.S. (non modular) 341 For 600x50 mm size 341 For 600x50 mm size 342 With common burnt clay F.P.S. (non modular) 342 bricks of class designation 7.5 343 Extra for depth beyond 45 cm of brick masonry chamber : 344 For 600x50 mm size 345 For 600x50 mm size 346 For 600x50 mm size 347 For 600x50 mm size 348 Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick noney comb shaft with bricks and S.W. drain pipe 100 diameter, 1.8 m long complete as per standard design, 348 With common burnt clay F.P.S. (non modular) 349 With common burnt clay F.P.S. (non modular) 340 bricks of class designation 7.5 341 For 600x50 mm size 342 With common burnt clay F.P.S. (non modular) 342 Explying filling, spreading & levelling stone boulders of size 5 cm to 20 cm in recharge pit, in the required thickness, for all leads & lifts all complete as per direction of Engineer -in-charge 348 Supplying, filling, spreading & levelling gravel of size 1.5 mm to 10 mm , over the existing layer in recharge pit, in the required thickness, for all leads & lifts all complete as per direction of Engineer -in-charge 349 Proving & Roing of fisctory made precast RCC perforated drain covers having concrete strength M25 of size 1000x450x50 mm meline forces with 8 mm dark and sone folinguitudinal 8 Pn so of croses sectional TMT Thoop bars, including providing 50 mm dia per	
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Proving & fixing of factory made precast RCC perforated drain covers having concrete strength M25 of size 1000x450x50 mm,reinforced with 8 mm dia 4nos of longitudinal & 9 nos of cross sectional TMT hoop bars,including providing 50 mm dia perforations @ 100 mm to 125 mm including edge binding with	
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cross sectional TMT hoop bars,including providing 50 mm dia perforations @ 100 mm to 125 mm including edge binding with	
perforations @ 100 mm to 125 mm including edge binding with	
MS flat 50x1.6 mm complete all as per directions of EIC.	
249 Total of Subhead Total of Subhead	