

Sl.no	Descriptions of items	No.of Quantity	Unit	Estimated Rate
1	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50m . beyond the building area and stacking and spreading as directed, dewatering ,preparing the bed for the foundation and necessary backfilling,ramming,watering including shoring and strutting etc. complete. (Lift upto 3.00 m.) By Manual Means(Bd.A.1 Page Number 259)	62	Cum.	232
2	Excavation for foundation in hard murum including removing the excavated material up to distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary backfilling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.50 m) By Manual Means(Bd.A.1 Page No.259)	18	Cum.	354
3	Excavation for foundation in hard murum and boulders including removing the excavated material up to a distance 50 metres, beyond the building area and stacking and spreading as directed ,dewatering ,preparing the bed for the foundation and necessary backfilling,ramming,watering including shoring and strutting etc. complete. (Lift upto 1.5m.) By Mechanical Means	18	Cum.	280
4	Providing and filling in the foundation with sand of approved quality including watering, compacting etc. complete. (To be executed with prior approval of Superintending Engineer)(Bd.A.13 Page Number 264)	67.5	Cum.	2172
5	Providing and laying broken bottle & plain glasses in pieces of layer in 25mm thk including transportation charges	9	M.t	5020
6	Providing soling using 80mm size trap metal in 15cm. layer including filling voids with crushed sand/grit, ramming, watering etc. complete.	90	Cum.	1322
7	Filling in plinth and floors with contractor's material/brought from outside and approved by Engineer in charge in layers of 15 cm to 20 cm including watering and compaction etc. complete.	270	Cum.	550

8	<p>Providing and laying Cast in situ/Ready Mix cement concrete in M15 of trap/granite/quartzite/gneiss metal for plain or molded sills, cornice, jambs, block in course, or architraves of required size and shapes including steel centering, formwork, laying/pumping, compacting, roughening the surface if special finish is to be provided, finishing uneven and honey combed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honey combed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed.) with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)</p>	0.7	Cum.	6030
9	<p>Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/granite/quartzite/gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying/pumping, compacting, roughening the surface if special finish is to be provided, finishing if required and curing complete, with fully automatic microprocessor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) Bd. E. 1 Page Number 287</p>	51	Cum.	5538
10	<p>Providing and laying in situ/Ready Mix cement concrete M-20 of trap/granite/quartzite/gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. column and steel stanchions etc. including bailing out water, Steel centering formwork, laying/pumping cover blocks, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel) etc. complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)</p>	25.1	Cum.	6666

11	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite/quartzite/gneiss metal for R.C.C.columns as per detailed designs and drawing or as directed including steel columns as per detailed designs and drawing or as directed including steel centering,formwork,coverblocks,laying/pumping,compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or rough eningif special finish is to be provided and curingetc.complete.(Excluding reinforcement and structural steel).with fully automatic microprocess or based PLC with SCADA enabled reversible DrumType mixer/concreteBatch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	17.85	Cum.	13430
12	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite/quartzite/gneiss metal for R.C.C. beams and lintel s as pe rdetailed design sand drawings or as directed including steel centering,formwork,coverblocks,laying/pumping,compaction and roughening the surface if special finish is to be provided and curingetc.complete.(Excluding reinforcement and structural steel).with fully automatic mic0roprocessor based PLC with SCADA enabled reversible DrumTypemixer/concrete Batch mixplant(Panmixer)etc.complete.With fine aggregate(CrushedsandVSI Grade)Bd.F.6 Page Number 300 and B.7, Page Number38	42.8	Cum.	11483
13	Providing and casting in situ cement concrete M-20 of trap/granite/quartzite/gneiss metal for R.C.C. chajja & Ratrack as per detailed designs and drawing or as directed including steel centering, plywood/steel form work, compaction, finishing uneven and honeycombed compaction, to give a smooth and even surface or roughening the surface if special finish is to be provided and curing etc. complete. As directed by Architect. (Excluding reinforcement, including cover block) The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed) Bd.F.9 Page Number 303 and B.7, Page Number38	11.8	Cum.	13111

14	Providing and fixing in position TMT Bar reinforcement of various diameters for R.C.C.pile caps, footings, foundations, slabs, beams, columns canopies, staircase, newels, chajjas, lintels, pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required etc. complete Bd.F.17, Page Number 306	14.5	M.T.	71778
15	Providing second class Burnt brick masonry with conventional/I.S. type bricks in cement mortar 1:6 in foundations and plinth of inner walls/ in plinth of external walls including bailing out water, striking joints on unexposed faces, racking out joints on exposed faces and watering complete Bd.G. 1 PageNumber 313.	21	Cum.	7343
16	Providing second class Burnt brick masonry with conventional/I.S. type bricks incement mortar 1:6 in superstructure including striking joints, racking out joints watering and scaffolding complete.	87.8	Cum.	7570
17	Providing cement plaster 12 mm. thick in single coat in cement mortar 1:5 with neeru finish, in all positions including scaffolding & curing etc. complete.	452.7	Sq.m.	257
18	Providing cement plaster 20 mm. thick in single coat in cement mortar 1:5 with neet cement finish, in all positions including scaffolding & curing etc. complete.Bd.L.4 Page Number 368	73.3	Sq.m.	359
19	Providing cement plaster 20mm thick externally in two coats in cement mortar 1:5 without neeru finish, to concrete, brick surface, in all positions including scaffolding and complete.Bd.L.7 Page Number 369	785.8	Sq.m.	599
20	Providing groove to required size at specified location as directed by Engineer, at junction of brick masonry wall and R.C.C. beams or column, at junction of composite masonry, including scaffolding, finishing curing etc. complete. [Spec. No. : As directed by Architect & Engineer-in-charge]	188	Rmt	38
21	Providing and layin9 n situ Trimix cement concrete M-15 (1:2:4) of trap / granite / quactizite / gneiss metal for flooring 10 cm thick with Trimix vaccum dewatering method including all required machinary like centering channel, poker vibrator. Surface vibrator vaccum dewatering appratus. Skim floater etc. including levelling with Tremix surface vibrator, immediate,ly after vacum deyvatering the surface & power floated with skim floater cutting joints and filling with butuminous including mixing hardner non matlic floor hardner Dr. Fixit Pidi top / Roofit / Sika Company or other standered reupted company etc. Two Kg./Sq.m. cu.ring cleaning etc. compléte as directed by Engineer-in-charge with placing side centering of M. S. Chanel 10 cm side vertical with curing complete including cutting and making groove by machine cut & filling groove by bitumen asphalt etc. complete. [Spec. No. : As directed by Architect & Engineer-in- charge]	450	Sq.m.	530

22	Providing and applying white-wash in two coats on old / new plastered or masonry surfaces and asbestos cement sheets including scaffolding and preparing the surface by brushing and brooming down complete	452.7	Sq.m.	11
23	Providing and applying one coat of seal cement primer of approved manufacture and shade including scaffolding preparing the surface by cleaning dirt and other foreign matters, scrapping if necessary including scaffolding etc. complete. [Spec. No. : As directed by Engineer-in-charge]	834.1	Sq.m.	19
24	Providing and applying two coats of water proof cement paint of approved manufacture and of approved colour to the plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days complete.	834.1	Sq.m.	74
25	Providing structural steel work in trusses, other similar trussed members with all bracing, strutt members, spacer plate, gusset plates etc. as per detailed designs and drawings or as directed including cutting, fabricating, hoisting, erecting fixing in position, making holes, making riveted / bolted / welded connection and one coat of anticorrosive paint and over it 2 coats of oil painting complete.	0.5	M.T	105909
26	Providing structural steel work in rolled sections, fixed with connecting plates or angle channel cleats in main and cross beams, hip and jack rafters, purlins connecting to truss members / cladding and the like, as per detailed designs and drawing or as directed including cutting, fabricating, hoisting, erecting, fixing in position, making riveted/ bolted/ welded connections and one coat of anticorrosive paint and over it 2 coats of oil painting complete.	0.8	M.T	85585
27	Providing and fixing prepainted galvanised iron semi corrugated (Trafford type) PPGI Sheet of (0.63 mm) thickness for cladding with wind ties of M. S. at end & middle position including fastening with galvanised iron self drilling tapping threaded screw with bolts with bitumen washer as per drawing and design etc. complete by fixing electric drilling machine As directed by Engineer-in-charge.	27.5	Sq.m.	550

28	<p>Providing & fixing at site self supported trussless pre painted galvailume roofmaterial of base metal thickness should be 1.0 mm thick minimum or as specified by standared self supported roofing company. The PPGL sheet shall be 3 feet (914 mm) width, which shall be curved & moulded at site using mechanical press and dies to desire curves & shape to form 2 feet (605 mm) approximate wide interlocking panels, to close seam foaming water tight joints, Minor colour chipping/ scratching shall be rectified by applying epoxy lacquer. Errection and fixing of seamed sheet, Anchor fastening of axel/ Hilit/ any other standered make fitting/ standard make having diameter of metal bolt 12 mm dia having 150 mm length two bolts per panel (605 mm wide) on each side of panel in zig zag pattern and 3 bolts for 5 panels starting and ending sides, including all labour, scaffolding required suitable capacity of cranes for fixing including all necessary fixture & fastening all accessories electrical hangers, clamps for electrical fit</p>	550	Cum.	2150
29	<p>Providing and fixing Z-type (Staggered) steel ventilator fully glazed with Z-section of 10 gauge and fixing welded mesh 25 X 25 mm 12 guage as per detailed drawing with quter frame of Z-section including two 12 mm sqqare bar in each panel, fabricating, glazing with 6 mm thick wire glass and of approved type and, quality and fastening and oil paintir.g two coats e,tc. complete. [Spec. No. : As directed by Engineer-in-charge]</p> <p>Providing and fixing Z-type (Staggered) steel ventilator fully glazed with Z-section of 10 gauge and fixing welded mesh 25 X 25 mm 12 guage as per detailed drawing with quter frame of Z-section including two 12 mm sqqare bar in each panel, fabricating, glazing with 6 mm thick wire glass and of approved type and, quality and fastening and oil paintir.g two coats e,tc. complete. [Spec. No. : As directed by Engineer-in-charge]</p>	49.5	Cum.	2502

30	Providing and fixing rolling shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate of 3.15 mm thickness reinforced with 35 x 35 x 5 mm angle section fitted with sliding bolts and handles for both sides, deep M.S. channel section of depth and thickness not less than 65 mm and 3.15 mm respectively with hold fast arrangements, M.S. Bracket plate 300 x 300 x 3.15 mm minimum size and shape with square bar, suspension shaft of minimum 32 mm diameter, hood cover of M.S. sheet not less than 0.9 mm thickness and of any size at top and safety devices including mechanical gear operation arrangement consisting of worm gear wheels and worms of high grade cast iron or mild steel and one coat of red lead primer	17.82	Cum.	4730
31	Compacting the hard murum / kankar for all widths (200 mm. loose) with power roller including necessary, labour materials and artificial watering complete.	900	Cum.	11
32	Compacting the gravel 80 mm metal (200 mm loose) layers for all widths with power rollers including necessary, labour, materials and artificial watering complete.	450	M.t	11
33	Providing and fixing in position unplasticized poly vinyl-chloride (UPVC) ultra violet rays stabilised 110 mm outer diameter rain water SWR Pipe conforming to I.S. 4985 and I.S.13592, including necessary fittings, such as PVC grating, bends, with door, PVC clamps, horse shoes at bottom, rubber ring and making connections water tight with solvent, cement including making holes in masonry concrete redoing the same in C.M. 1:3, curing, testing etc. complete. [Spec. No. : As directed by Engineer-in-charge]	84	Cum.	348

34	Providing and casting in situ cement concrete M-20 grade of trap/granite/gneiss/quartzite metal for R.C.C. Pardi 100 mm thick including steel centering, plywood / steel formwork, compaction, finishing uneven and honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening them if special finish is to be provided and curing etc. complete. The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. (Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc.) (Wooden centering will not be allowed). [Spec. No. : Bd. F. 11. Page No. 3é4 / I.S. 456 (2000)]	3.4	Cum.	14692
35	Providing and applying water proofing treatment to Gutter Slab, in all directions by using standard acrylic copolymer coating of Rolf Hyguard, Monopol 456 in three coats including cleaning the surface by wire brush, washing and drying including covering gurantee of 10 years on court stamp paper of Rs. 100/-, and as directed by Engineer in charge etc. complete. [Spec. No. : As directed byEngineer-in-charge]	30.5	Cum.	810
36	Sixty two lack sixty six thousand six hundred eighty nine water & other machinary charges			TOTAL IN RS
				TOTAL IN RS

Amount
14384
6372
5040
146610
45180
118980
148500



4221
282438
167316.6

239725.5
491472.4
154709.8

1040781
154203
664646
116343.9
26314.7
470694.2
7144
238500

4979.7
15847.9
61723.4
52954.5
68468
15125

1182500
123849

84288.6
9900
4950
29232

49952.8
24705
6272052
37262
6309314