

ABSTRACT OF COST

No.	PARTICULARS OF WORK	QUANTITY	RATE	PER	AMOUNT
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 50 m. beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete.(Lift upto 1.5 m.) By Manual Means				
		69.36	239.00	CUM.	16,577.04
2	Excavation for foundation in hard murum including removing the excavated material upto a distance 50 metres, beyond the building area and staking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Manual Means				
		69.36	414.00	CUM.	28,715.04
3	Providing preconstructional antitermite treatment as per I.S. 6313 (Part-II) treatment by treating the backfill in immediate contact with foundation at the rate of 5 litres of emulsion concentrate of 1.0 percent of clorophyrifos per square metre of vertical surface area covering 10 years guarantee on bond paper.				
		124.00	107	SQM	13,268.00
4	Providing pre-constructional anti-termite treatment as per I.S. 6313 (Part – II) by treating the top surface of plinth filling at the rate of 5 litres of emulsion concentrate of 1.10 percent of clorophyrifos per square metre of surface area. Spec. No. : As directed by Engineer in charge				
		330.00	112.00	SQM	36,960.00
5	Filling in plinth and floors with approved excavated material in 15 cm. to 20 cm. layers including watering and compacting etc. Complete				
		31.91	120.00	CUM.	3,829.19

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No.	PARTICULARS OF WORK	QUANTITY	RATE	PER	AMOUNT
6	Filling in plinth and floors with approved contactor's murum in 15 cm. to 20 cm. layers including watering and compacting etc. complete.				
		859.09	996.9	CUM.	8,56,426.90
7	Providing dry trap / granite / quartzite / gneiss rubble stone soling 15 m. to 20 cm. thick including hand packing and compacting etc. complete.				
		162.37	1677.91	CUM.	2,72,445.60
8	Providing and fabricating structural steel work in rolled sections like joists, channels, angles, tees etc. as per detailed design and drawings or as directed including cutting, fabricating, hoisting, erecting, fixing in position making riveted / bolted /welded connections without connecting plates, braces etc. and including one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade etc.complete.				
		19.80	97759	MT	19,35,628.20
9	Providing and laying cast in situ / Ready Mix cement concrete M-10 of trap / granite / quartzite / gneiss metal for foundation and bedding including bailing out water, steel centering, formwork, laying / pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete.				
		13.87	6059.47	CUM.	84,056.97
10	Providing and laying cast in situ / Ready Mix cement concrete in M-15 of trap / granite / quartzite / gneiss metal for steps including steel centering, formwork, cover blocks, laying / pumping, compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface 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.complete.				
		2.50	6557.87	CUM.	16,394.68

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No.	PARTICULARS OF WORK	QUANTITY	RATE	PER	AMOUNT
11	Providing and laying cast in situ / Ready Mix cement concrete in M-15 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 them if special finish is to be provided, finishing uneven and honeycombed surface 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.	0.68	6892.87	CUM.	4,652.69
12	Providing and laying cast in situ / Ready Mix cement concrete in 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. columns and steel stanchions etc. including bailing out water, steel centering, formwork, laying / pumping cover blocks, compaction, roughening them if special finish is to be provided, (Excluding reinforcement and structural steel) etc. complete.	37.45	7185.88	CUM	2,69,111.78
13	Providing and laying cast in situ / Ready mix cement concrete M-20 of trap / granite / quartzite / gneiss metal for R.C.C. plinth beams as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying / pumping, compaction and roughening the surface if special finish is to be provided and curing etc. complete.	16.38	7185.88	CUM	1,17,675.97
14	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 centering, formwork, cover blocks, laying / pumping, compaction finishing the formed surfaces with cement mortar 1 : 3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete.	12.50	13506.88	CUM	1,68,811.69

ABSTRACT OF COST

No.	PARTICULARS OF WORK	QUANTITY	RATE	PER	AMOUNT
15	Providing and laying cast in situ / Ready mix cement concrete M-20 of trap / granite / quartzite / gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying / pumping, compaction and roughening the surface if special finish is to be provided and curing etc. complete.	13.87	12269	CUM	1,70,158.76
16	Providing and laying cast in situ / Ready mix cement concrete M-20 of trap / granite / quartzite / gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centering, formwork, cover blocks, laying/ pumping, compaction and roughening the surface if special finish is to be provided and curing etc. complete.	1.44	13630.88	CUM	19,628.47
17	Providing and laying cast in situ / Ready mix cement concrete M-20 of trap / granite / quartzite / gneiss metal for R.C.C. slab as per detailed design and drawings including steel centering, formwork, cover blocks, laying/ pumping, compaction and roughening the surface if special finish is to be provided and curing etc. complete	93.00	13943	cum	12,96,699.00
18	Providing and fixing in position TMT FE-500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajja, 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 complete.	17.00	89703	MT.	15,24,951.00
19	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 external walls including bailing out water manually , striking joints on unexposed faces, raking out joints on exposed faces and watering etc. Complete.	55.48	7788.89	CUM.	4,32,096.46

ABSTRACT OF COST

No.	PARTICULARS OF WORK	QUANTITY	RATE	PER	AMOUNT
20	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. Complete	55.48	8015.89	CUM	4,44,689.51
21	Providing internal cement plaster 12 mm. thick in single coat in cement mortar 1 : 4 without neeru finish to concrete or brick surfaces, in all position including scaffolding and curing etc. complete.	241.20	278.00	SQM.	67,053.60
22	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm. thick in ready mix cement mortar 1 : 4 of Ultra Tech using waterproofing compound at 1 Kg. per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm. thick in ready mix cement mortar 1: 4 of Ultra Tech finishing the surface by taking out grains and curing for fourteen days scaffolding etc. complete.	482.40	639	SQM.	3,08,253.60
23	Providing and fixing corrugated galvanized iron sheets thick (22 B.W.G.) for roofing without wind tiles including fastening with galvanized iron screws and bolts, lead and bitumen washers as per drawing etc. complete. (Weight of 5.5 Kg. / Sqm.) Spec. No. : Bd.R.5, Page No. 453	515.28	1139.00	SQM	5,86,903.92
24	Providing and fixing corrugated galvanised iron sheets of 0.63 mm thick (24B.W.G.) for VERTICAL without wind tiles including fastening with galvanised iron screws and bolts,lead and bitumen washers as per drawing etc. complete.(Weight of 5.5 Kilogram/sq.m.).	482.40	870	SQM	4,19,688.00

ABSTRACT OF COST

No.	PARTICULARS OF WORK	QUANTITY	RATE	PER	AMOUNT
25	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 etc.				
		18.75	5308.00	SQM	99,525.00
26	Providing and fixing in position powder coated aluminium louvered windows / ventilator of various sizes with powder coating as per detailed drawing and specifications including aluminium frames 80 x 38 mm. x 1.22 mm. box type, 5 mm. thick sheet glass louvers, of Approved quality etc. complete.				
		14.40	3107.00	SQM.	44,740.80
27	Providing and applying two coats of water proof cement paint with cement primer one coat of approved manufacture and of approved colour to old plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days etc. complete				
		723.60	110.00	SQM.	79,596.00
28	Providing and fixing mild steel grill work for windows, ventilators etc. 20 Kilogram/Square Metre as per drawing including fixtures, necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete.				
		24.64	1845.00	SQM	45,460.80

ABSTRACT OF COST

No.	PARTICULARS OF WORK	QUANTITY	RATE	PER	AMOUNT
29	Providing and fixing board displaying information, such as ' Name of work, Tender cost, Name of contractor, work completion and liability period etc., having rectangular shape of 1.20 m. x 0.90 m. size made out 18 gauge(1.25 mm.) thick mild steel sheet painted with one coat of Zinc chromate stoving primer and two coats of enamel paint on front side and grey stove enamel on back side and border / messages /.symbols etc. with approved colour shade paint complete on M.S. angle of size 35 X 35 X 3 mm. frame with properly cross braced M.S. angles of size 35 mm. x 35 mm. x 3 mm. duly painted including Two M.S. angle iron posts of size 65 mm. x 65 mm. x 6 mm., 3.65 m. long painted with alternate black and white bands of 25 cm. width including all fixture etc. and fixing the boards in 1 : 4 : 8 concrete block of size 60 cm. x 60 cm. 75 cm. including excavation, refilling, transportation and labour etc. complete.	1.00	11207.00	NO.	11,207.00
30	Providing and laying Polished Kota stone flooring With Hand-Cut Polished Kota Stones 25mm to 30mm thick and required width in plain/diamond pattern on bed of 1:6 Cement mortar including cement float, filling joints with neat cement slurry, curing, cleaning and Mirror Polishing etc. complete Note- Water absorption for kota stone should not exceed 0.05%.(Item to be used with prior permission of Superintending Engineer	165.00	1650.00	SQM	2,72,250.00
31	Providing and laying vitrified matt finish tiles having size 590 mm to 605 mm x to 605 mm of 8 to 10 mm thickness and confirming IS. 15622-2006 (Group Bla) of approved make, shade and pattern for flooring in required position laid on a bed of 1:4 cement morar including neat cement float, filling joints, curing and cleaning etc. complete.	330.00	1750.00	SQM	5,77,500.00
1	TOTAL COST OF RIPENING CHAMBER SIZE OF (330 SQM) AND PACKHOUSE SIZE OF (165 SQM)				1,02,24,955.67

ABSTRACT OF COST

No.	PARTICULARS OF WORK	QUANTITY	RATE	PER	AMOUNT
ELECTRICAL WORK					
1	Supplying and erecting HMS PVC conduit FRLS grade 32 mm dia. With necessary accessories in wall/floor with chiselling appropriately as per specification No: WG-MA/CC.	160	192	MTR	30720
2	Supplying and erecting PVC trunking (PVC casing-n-capping) of size 20mm with accessories on wall/ceiling as per specification No: WG-MA/CON.	230	62	MTR	14260
3	Supplying and erecting mains with 2x1.5 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places as per specification No: WG-MA/BW	435	65	MTR	28275
4	Supplying and erecting mains with 3x10 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places as per specification No: WG-MA/BW	158	513	MTR	81054
5	Supplying and erecting modular type 32A, DP key tag switch with key tag, duly erected on provided plate and box with wiring connections complete.	14	520	EACH	7280
6	Supplying and erecting modular type 3 pin 6 / 16A multi socket with safety shutter, duly erected on provided plate and box with wiring connections complete.	6	320	EACH	1920
7	Supplying and erecting PVC Surface modular switch box with double mounting plate for 6 module duly	6	341	EACH	2046
8	Point wiring in for light/fan/bell in 20 mm metal conduit with 1.5 sq.mm (2+1E) FRLSH grade copper wire, flush type switch, earthing and required accessories as per specification No: WG-PW/SW	320	1050	MTR	336000

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No.	PARTICULARS OF WORK	QUANTITY	RATE	PER	AMOUNT
9	Supplying and erecting integrated LED street light fitting 26 to 30W IP65 &IK08 class having single piece pressure die-cast aluminium housing , having system lumens output of Min. 2600 Lumens, min. efficacy of 100 lumen/W,CRI>70, CCT upto 6500K, THD<10%, p.f. >0.95, operating range of 140-270V,inbuilt surge protection of 10 kV, Life class of 50,000 Hrs. at L70B50, including driver complete with 3 Years warranty as per specification No FG-ODF/FLS2.	10	2960	EACH	29600
10	Supplying and erecting Street light bracket made from 40 mm. dia 'B' class G.I. Pipe, 0.6m. in length along with pole cap of 300 mm length and 80 mm dia duly welded with provided leads as per specification no. FG-BKT/BPC	10	965	EACH	9650
11	Supplying & erecting ready to use Retrofit T8 LED 18 / 20 tube light with polycarbonate body, heat sink, integrated HF electronic driver complete & compatible to T8 / T12 LED luminaire by disconnecting starter & ballast if necessary.	24	837	EACH	20088
12	Supplying and erecting regular/ standard model ceiling fan of 1400mm. Sweep complete erected in position as per specification no. FG-FN/CF	8	2860	EACH	22880
13	Supplying, erecting & marking SPMCB 6A to 32A, C-series with rated short -circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB	12	235	EACH	2820
14	Supplying and erecting single pole and neutral distribution board (SPNDB),with 2 ways for incoming and 10 ways (10 poles) for outgoing SP MCBs,with door, 1.2mm thickness surface / flush mounted, IP 43 Protection on iron /GI frame as per specification no. SW-SWR/MCBDB	4	1850	EACH	7400

ABSTRACT OF COST

No.	PARTICULARS OF WORK	QUANTITY	RATE	PER	AMOUNT
15	Supplying, erecting & commissioning 2 pole RCCB 40A, electromagnetic type with 30/100/300 mA sensitivity with earth leakage trip indication complete as per specification no. SW-RCCB/RCCB	4	2750	EACH	11000
16	Supplying, erecting & commissioning 4 pole RCCB 63A, electromagnetic type with 30/100/300 mA sensitivity with earth leakage trip indication complete as per specification no. SW-RCCB/RCCB	2	3780	EACH	7560
17	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 3½ core 95 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	185	780	MTR	144300
18	Supplying & erecting end pole D. P. Structure for 11/0.415 kV, 100 kVA Transformer with R.S.J. Pole 2 Nos. of size 100 x 116 mm x 11 Mtr. Long with suitable Distribution Box of C.R.C.A. Sheet 16 SWG with 4 Pole MCCB 200 Amps as incomer & 6 Nos. 100 Amps Kitkat / MCCB for out going Circuits. Transformer D.P. Structure includes the A. B. Switch 200 Amps, D.O. fuse Set & L.A. Set. 2 Nos. Top channel of size 100 mm x 50 mm for erection of A.B. Switch & 2 Nos. Base channel of size 100 mm x 50 x mm for erecting Transformer. Channel of size 75 x 40 mm for erecting D.O. Fuse Set, L.A., A.B. Switch handle etc. Angle of size 50 x 50 x 6 mm for erecting Distribution Box, Transformer Belt etc. as per drawing (min. 124 Kg. iron work) with necessary clamps, Nut-bolts. Vcross arm, top clip, insulators etc. complete with caution board & barbed wire. D.P. Structure shall be erected in c.c. foundation complete.	1	858000	EACH	858000
19	Providing earthing with copper earth plate size 60 x 60 x 0.315 cm with funnel with a wire mesh for watering and brick masonry block C.I. cover with minimum 25 kg Carbon based environment friendly back fill Ground Enhancing compound complete with all materials, testing & recording the results as per specification no ESE -LA	2	15735	EACH	31470
TOTAL COST OF ELECTRICAL WORK			TOTAL		16,46,323.00

