

NAME OF WORK :- PROPOSED CONSTRUCTION OF MACHINE SHED FOR "DATTAPRABHU FARMER PRODUCER COMPANY", SURVEY NO. 546, NH 361, SITUATED AT MOUZA CHACHER, TAH. MAUDA, DIST. NAGPUR. (Built up area = 550.00 Sqmt. Or 5920.20 Sqft.)								
Sr. No	PARTICULARS	Nos	L(M)	B(M)	H/D(M)	QTY(Cum)	RATE	AMOUNT
1	Excavation for foundation earth, soils of all types, sand, gravel & soft murum, including removing the excavation material up to a distance of 50 m and necessary back filling, raming, watering, including shoring & strutting as necessary complete.SSR No. 21.01, Page No. 153							
	C.1	30	1.70	1.70	2.40	208.080		
						208.080	239	49731.1
						Cum		
2	Providing and laying in situ cement concrete in 1:4:8 of trap/granite/quartzite/gneiss metal for foundation andfor rendering uneven and honey combed surface only. Newly laid concrete shall be covered by gunny bag,plastic, trapaulin etc.SSR No. 24.01, Page No. 175							
	C.1	30	1.60	1.60	0.10	7.680		
	Floor bed	1	22.92	24.00	0.10	55.008		
						62.688	5538	347166.144
						Cum		
3	Providing and laying in situ/Ready Mix cement concrete M20 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 stanchion setc.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 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) . SSR No. 25.11, Page No. 178							
		30	1.50	1.50	0.30	20.250		
						20.250	7104	143856
4	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. (Excluding reinforcement and structural steel). 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). SSR No. 25.31, Page No. 179							

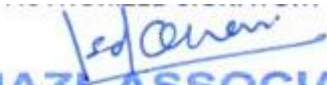
Sr. No	PARTICULARS	Nos	L(M)	B(M)	H/D(M)	QTY(Cum)	RATE	AMOUNT
	a) below G.L. C.1	30	0.30	0.45	1.00	4.050		
	a) above G.L. C.1	30	0.30	0.45	10.67	43.214		
						47.264	13783	651432.82
						Cum		
5	Providing and laying Cast in situ/Ready Mix cement concrete M20 of trap/granite/quartzite/gneiss metal for R.C.C. beams and lintels as per detailed design and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction and roughening of the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel). 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). ssr item no. 25.50, Page No. 181							
	A) at ground level	2	22.92	0.23	0.45	4.744		
		2	24.00	0.23	0.45	4.968		
						9.712	12269	119161.93
						Cum		
6	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. Ssr Item No. 27.01, Page No. 197							
		2	22.92	0.23	0.90	9.489		
		2	24.00	0.23	0.90	9.936		
						19.425	7755	150639.9444
						Cum		
7	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. Ssr Item No. 27.05, Page No. 197							
		2	22.92	0.23	4.50	47.444		
		2	24.00	0.23	4.50	49.680		
						97.124		
	Deduction							
	shutter	1	3.00	0.23	3.00	2.070		
						2.070		
			97.1	2.07		95.054	7994	759864.87
						Cum		

Sr. No	PARTICULARS	Nos	L(M)	B(M)	H/D(M)	QTY(Cum)	RATE	AMOUNT
8	Providing and laying Cast in situ/Ready Mix cement concrete in M20 of trap/granite/quartzite/gneiss metal for R.C.C. coping to plinth or parapet and sill of doors and windows moulded as per detailed drawings or chamfered as approved by the Engineer including steel centering, formwork, cover blocks, laying/pumping, compacting, curing, finishing and roughening them if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel). 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), Ssr Item No.26.23, Page No. 185							
	1 To plinth							
		2	22.92	0.23	0.100	1.054		
		2	24.00	0.23	0.100	1.104		
						2.158	7190	15518.3208
						Cum		
9	Filling in plinth and floors with contractors approved material/sand or murum in 15 to 20 CM layer including watering and compaction complete. Ssr Item No 21.37, Page No. 157							
	Floor bed							
		1	22.92	24.00	0.60	330.048		
						330.048	599.00	197698.75
						Cum		
10	Providing internal cement plaster 12mm thick in single coat in cement mortar 1:5 without neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing etc. complete. Ssr Item No. 32.03, Page No. 209							
		2	22.46		4.50	202.140		
		2	23.54		4.50	211.860		
						414.000		
	Deduction							
	shutter	1	3.00		3.00	9.000		
						9.000		
			414.0	9		405.00	271	109755
						Sqm		

Sr. No	PARTICULARS	Nos	L(M)	B(M)	H/D(M)	QTY(Cum)	RATE	AMOUNT
11	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15mm thick in cement mortar 1:4 using waterproofing compound at 1 Kilogram 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 8mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc. complete. Ssr Item No. 32.11, Page No. 209							
		2	22.92		4.50	206.28		
		2	24.00		4.50	216.00		
						422.28		
	Deduction							
	shutter	1	3.00		3.00	9.000		
						9.000		
			422	9.00		413.28	639	264085.92
						Sqm		
12	Providing and fixing in position TMT-FE500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels, 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. Ssr Item No. 26.33, Page No. 188							
	Footing		20.25	400.0		8100.000		
	Column		47.26	400.0		18905.40		
	Beam		9.71	400.0		3884.976		
						30890.4		
						30.890	89703	2770959.40
						Mt		
13	Providing and laying cement concrete flooring 50mm thick with M20 cement concrete laid to proper level and slope in alternate bays including compaction, filling joints, marking lines to give the appearance of tiles of 30cm x 30cm or other size laid diagonally/square etc. finishing smooth (with extra cement) in any colour as directed and curing etc. complete. With Crushed Sand. Ssr Item No.33.16 , Page No. 214							
		1	22.46	23.54		528.708	483.00	255366.16
						Sqm.		

Sr. No	PARTICULARS	Nos	L(M)	B(M)	H/D(M)	QTY(Cum)	RATE	AMOUNT
14	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 etc. complete. Ssr Item No. 35.13, Page No. 224							
						818.28	79.00	64644.12
						Sqm.		
15	Providing and fixing rollings shutter fabricated from steel lath of minimum thickness 0.9mm with lock plate of 3.15mm thick kness reinforced with 35x35x5mm angle section fitted with liding bolts and handles for both sides, deep M.S. channel section of depth and thickness not less than 65mm and 3.15mm respectively with hold fast arrangements, M.S. Bracket plate 300x300x3.15mm minimum size and shape with square bar, suspension shaft of minimum 32mm diameter, hood cover of M.S. sheet not less than 0.9mm thickness and of any size to top an dsafety 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. complete. (I.S. 62481979) (Without mechanical gear. Ssr Item No.39.24 Page. No. 248							
		1	3.00		3.00	9.000	4829.0	43461.00
						Sqm		
16	Providing structural steel work in trusses, purlins and members with all bracing, gusset plates etc. as per detail drawing or as directed including cutting, fabricating, hoisting, erecting,, fixing in position, making riveted/bolted/ welded connection and one coat of anticorrosive paint and over it two coat of oil painting of approved quality and shade complete. Ssr item no. 23.04 Page No. 173							
	Truss	16	@	480		7680		
	Purlins	14	@	160		2240		
						9920.0		
						9.920	119459	1185033.28
						M.T.		
17	Providing and fixing 22B.W.G. plain galvanized iron sheets on top of weather shed, including scaffolding, fixing by means of nut and bolts or as directed etc. complete. (Bracket of 70 x 45 mm to be paid separately) SSR Item No.39.88, Page No. 263							
		1	22.92	24.00		550.080		
						550.08	1052.0	578684.16
						Sqm		

Sr. No	PARTICULARS	Nos	L(M)	B(M)	H/D(M)	QTY(Cum)	RATE	AMOUNT
18	Providing and fixing valley gutter of 22 B.W.G.(0.8mm) plain galvanised iron sheets 90cm wide with teak wood planking 20mm thick including two coats of coal tar on the upper surface of plank etc. complete. (excluding painting to underside of plank). SSR Item No. 38.09 Page No. 233							
		1	24.00			24.000	2218.0	53232.00
							Rmt.	
						Total	Rs.	7760290.9


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