


7/30

NAME OF WORK :- ABSTRACT & ESTIMATE FOR PROPOSED CONSTRUCTION FOR "GREENGONDWANA FARMER PRODUCER COMPANY LIMITED" OF DAL MILL & C&G SHED GAT NO 286 AT SHIONI, POST-SHIONI TAH. ARMORI, DIST. GADCHIROLI

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. 21.03, Page No. 115							
	C.1	14	1.50	1.50	2.40	75.600		
						75.600	306	23133.6
						Cum		
2	Providing and laying in situ cement concrete in 1:4:8 of trap/granite/quartzite/gneiss metal for foundation and for 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. 131							
	C.1	14	1.60	1.60	0.10	3.584		
	Floor bed (C&G Unit and Dal Mill)	1	12.19	15.24	0.10	18.578		
						22.162	5538	122730.7193
						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 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 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. 133							
	C.1	14	1.50	1.50	0.45	14.175		
						14.175	6666	94490.55
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 drawings 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 smooth and even surface 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. 177							
	a) below G.L.	C.1	16	0.30	0.45	1.85	3.996	
	a) above G.L.	C.1	16	0.30	0.45	6.00	12.960	


Er. MANISHA BISEN
 B.E. CIVIL, MBA
 Approved Valuer, Cat-I-A-5970
 Ganesh Nagar Gendla .7580807339

Sr. No	PARTICULARS	Nos	L(M)	B(M)	H/D(M)	QTY(Cum)	RATE	AMOUNT
						16.956	9650	163625.40
						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 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. (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. 179							
	A) at ground level (C&G Unit and Dal Mill)	2	12.19	0.23	0.45	2.523		
		2	15.24	0.23	0.45	3.155		
						5.678		
	B) At Lintel Level (C&G Unit and Dal Mill)	2	12.19	0.23	0.30	1.682		
		2	15.24	0.23	0.30	2.103		
						3.785		
	Net			5.68	3.79	9.463	9750	92267.66
						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 of 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. 144							
	C&G Unit and Dal Mill	2	12.19	0.23	0.90	5.047		
		2	15.24	0.23	0.90	6.309		
						11.356	7343	83387.25486
						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. 144							
	Rice Mill	2	12.19	0.23	11.28	63.251		
		2	15.24	0.23	9.45	66.248		
						129.500		
	Deduction							
	R.S.D.	1	2.50	0.23	3.000	1.725		
	Ventilation	8	0.60	0.23	0.600	0.662		
						2.387		
			129.5		2.39	127.112	7570	962240.50
	Net brick work					Cum		

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Sr. No	PARTICULARS	Nos	L(M)	B(M)	H/D(M)	QTY(Cum)	RATE	AMOUNT
						1.725		
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 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 VS1 Grade), Ssr Item No.26.23, Page No. 138							
	1 To plinth							
	C&G Unit and Dal Mill	4	12.19	0.23	0.100	1.121		
		4	15.24	0.23	0.100	1.402		
						2.524	6800	17160.208
						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							
	Floor bed (C&G Unit and Dal Mill)	1	11.73	14.78	0.60	104.022		
						104.022	480.00	49930.39
						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. 153							
	C&G Unit and Dal Mill	2	11.73		11.28	264.629		
		2	14.78		9.45	279.342		
						543.97		
						Sqm		
	Deduction							
	R.S.D.	1	2.50		3.000	7.500		
	Vantilation	8	0.60		0.600	2.880		
						10.380		
				543.97	10.38	533.59	257	137132.8356
						Sqm		

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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 cement mortar 1:4 using water proofing 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 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. 153							
	C&G Unit and Dal Mill	2	11.73		11.28	264.629		
		2	14.78		9.45	279.342		
						543.97		
						Sqm		
	Deduction							
	R.S.D.	1	2.50		3.000	7.500		
	Ventilation	8	0.60		0.600	2.880		
						10.380		
				543.97	10.38	534	599	319620.8892
						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, 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. Ssr Item No. 26.33, Page No. 139							
	Footing		15.00	240.0		3600.000		
	Column		15.00	240.0		3600.000		
	Beam		9.46	240.0		2271.204		
						9471.2		
						9.471	71778	679824.08
						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 line 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. 157							
	C&G Unit and Dal Mill	1	11.73	14.78	0.05	8.668		
						8.668	445.00	3857.47
						Sqm.		

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Sr No	PARTICULARS	Nos	L(M)	B(M)	H/D(M)	QTY(Cum)	RATE	AMOUNT
14	Providing and fixing mild steel grill work for windows, ventilators, etc. 15 Kilogram/Square Metre as per drawing including fixtures necessary welding and painting with one coat of anti corrosive paint and two coats of oil painting complete. Ssr Item No.40.02, Page No. 192							
	Vantilation	8	0.900		0.600	4.320		
						4.320	1507.0	6510.24
						Sqm		
15	Providing and fixing rollings shutter fabricated from steel lath of minimum thickness 0.9mm with lock plate of 3.15mm thickness reinforced with 35x35x5mm angle section fitted with sliding bolts and handles for both sides, deep M.S. channels 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 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. complete. (I.S. 62481979) (Without mechanical gear. Ssr Item No.39.24 Page. No. 181							
		1	2.50		3.00	7.500	4310.0	32325.00
						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. 129							
	Rice Mill							
	Truss	4 @		451		1804		
	Purlins	6 @		115		691		
						2495.0		
						2.495	105909	264245.07
						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. 191							
	Rice Mill	2	12.19	15.24		371.551		
						371.551	1041.0	386784.80
						Sqm		

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Sr No	PARTICULARS	Nos	L(M)	B(M)	H/D(M)	QTY(Cum)	RATE	AMOUNT
	Add 2 % for Electrification						Rs	3439266.7
								68785.3
						Total		3508052.0
						Say	Rs	35,08,052/-

(Rs. Thirty Five Lac Eight Thousand & Fifty Two Only)

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Er. MANISHA BISEN
B.E. CIVIL, MBA
Approved Valuer, Cat-A-5870
Genesh Nagar Gondia .7586807338