

**ESTIMATE OF CIVIL CONSTRUCTION WORK OF LAND DEVELOPMENT FOR
SONHIRA AGRO FARMER PRODUCER COMPANY LIMITED,
Mohityanche Vadgaon, Tal:- Kadegaon, Dist:- Sangli.GSTIN NO.27ABCCS7381N1ZN**

Sr. No.	Quantity	Item	Rate	Per	Amount
A		Lining out the structure for columns, footing & foundations fixing the centerline as per plan necessary material such as iron pegs, constructing permanent semi permanent pillars etc. as directed by Engineers, completed			
	Job		10001.00	L/s.	10001.00
B		EXCAVATION			
		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 3.00 m.) By Manual Means Bd.A.1 Page 259			
	109.00		243.60	Cum	26552.40
C		PLAIN CEMENT CONCRETE			
		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 them if special finish is to be provided, finishing if required and curing 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)Bd. E. 1 Page No. 287			
	1.05	1:03:06	6434.54	Cum	6756.27
D		U.C.R. MASONRY WORK			
		Providing un coursed rubble masonry of trap/ granite/ quartzite/ gneiss stones in cement mortar 1:6 in foundation and plinth of inner walls/ in plinth of external walls including bailing out water manually, striking joints on un exposed faces and watering etc. complete.Spec. No.:Bd.H.1 Page No. 329			
	109.00		5535.33	Cum	603350.97

Sr. No.	Quantity	Item	Rate	Per	Amount
E		MURUM FILLING			
		Filling in plinth and floors with approved excavated material in 15cm. to 20cm. layers including watering and compacting etc. complete.. Bd.A.10 Page No. 262			
	10.36		118.65	Cum	1229.21
F		REINFORCED CEMENT CONCRETE			
F-1		Providing and laying Cast in situ/Ready Mix cement concrete M-25 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, cover blocks, laying /pumping, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel) etc. complete. Spec. No.: Bd.F.3 Page No. 298 and B.7, Page No.38			
	2.500		7782.55	Cum	19456.38
F-2		Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawings 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). Spec. No.:Bd.F.5 Page No. 300 and B-7.Page No 38.			
	1.750		14419.60	Cum	25234.30
F-3		Providing and laying Cast in situ/Ready Mix cement concrete in M-25 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).Spec No. Bd.F.6 Page No. 300 and B.7, Page No.38			
	2.700		12839.35	Cum	34666.25

Sr. No.	Quantity	Item	Rate	Per	Amount
F-4		Providing and laying Cast in situ / Ready Mix cement concrete in M-20 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). Spec. No.:Bd. F. 12 Page Number 304 and B-7, Pg 38			
	18.250		7744.75	Cum	141341.69
F-5		Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings 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). Spec No. Bd.F.8 Page No.302 and B.7, Page No.38			
	0.60		15424.45	Cum	9254.67
G		REINFORCEMENT FOR R.C.C WORK			
		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, 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. Spec No. Bd.F.17, Page No. 306			
	1.500		75619.33	M.T	113429.00
H		MASONRY WORK IN SUPER STRUCTURE.			
		Providing and constructing masonry in precast solid Concrete Block (Grade D-50 As per I.S. 2185, Part-I,1974, Reframed 1987) having compressive strength 5-00 N/mm ²) of size (300 mm x 200 mm x 150mm) in cement mortar 1:6 for superstructure including striking joints on unexposed faces, racking out joints on exposed faces, watering, curing and scaffolding etc. complete.			
	72.000		7909.62	Cum	569492.64

S. No.	Quantity	Item	Rate	Per	Amount
I		PLASTERING			
I-1		Providing internal cement plaster 20mm thick in single coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc.complete. Spec.No.: Bd.L.4 Page No. 368			
	29.77		398.68	Sqm	11868.70
I-1		Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 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 cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete. Spec. No.: Bd.L.7 Page No. 369			
	24.000		648.25	Sqm	15558.00
J		Providing and fixing mild steel grill gate with angle iron frame 65mm x 65mm x 10mm with iron bars at 150mm C/C and diagonal flats as per the detailed drawing including hinges, pivot block locking arrangement, welding riveting and oil painting of three coats of approved shade Weight of gate 35 Kg/Smt.. Spec. No.: Bd.W.6 Page No.585			
	9.00		3122.70	Sqm	28104.30
Total =					1616295.77
Total Say Rs. = ₹					16,16,296.00

TOTAL COST OF CONSTRUCTION WORK

Main Factory Building Total Rs. =	₹ 1,05,75,160.00
Weigh Bridge Total Rs. =	₹ 10,12,513.00
ETP Tank Total Rs. =	₹ 3,58,549.00
Boiler House Total Rs. =	₹ 5,90,632.00
Power House Total Rs. =	₹ 5,89,354.00
Water Tank (overhead) Total Rs. =	₹ 3,62,027.00
Land Development Total Rs. =	₹ 16,16,296.00
18% GST Total Rs. =	₹ 27,18,815.58
4% Supervision ChragesTotal Rs. =	₹ 6,04,181.24
Total Say Rs. =	₹ 1,84,27,527.82

(Amount in Words Rs. One Crore Eighty Four Lakhs Twenty Seven Thousands Five Hundred Twenty Seven Only)