

**ESTIMATE OF CIVIL CONSTRUCTION WORK OF WATER TANK (OVERHEAD) 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 pillers etc. as directed by Engineers, completed			
	Job		2001.00	L/s.	2001.00
B		EXCAVATION			
B-1		Excavation for foundation in hard murum and boulders including removing the excavated materials upto distance of 50 metres 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 1.50 m to 3.0 m) By Mechanical Means Spec. No.: Bd.A.3 Page No. 259			
	10.50		305.55	Cum	3208.28
C		PLAIN CEMENT CONCRETE			
C-1		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			
	0.56	1:03:06	6434.54	Cum	3603.34
D		MURUM FILLING			
D-1		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			
	6.50		118.65	Cum	771.23

Sr. No.	Quantity	Item	Rate	Per	Amount
E		REINFORCED CEMENT CONCRETE			
E-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			
	3.50		7782.55	Cum	27238.93
E-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. 299 and B.7 Page No.38			
	3.30		14419.60	Cum	47584.68
E-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			
	2.05		12839.35	Cum	26320.67
E-4		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			
	1.00		15424.45	Cum	15424.45

Sr. No.	Quantity	Item	Rate	Per	Amount
E-5		Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap/ granite/ quartzite/ gneiss metal for R.C.C. Padadi as per detailed design and drawings including steel centering, formwork, cover blocks, laying/ pumping, compacting and roughening the surface if special finish is to be provided and curing complete. Spec. No.: Bd.F.9 Page No.303 and B.7, Page No.38			
	3.00		16210.90	Cum	48632.70
F		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			
	2.00		75619.33	M.T	151238.66
G		PLASTERING			
G-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			
	20.00		398.68	Sqm	7973.60
G-2		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			
	30.00		648.25	Sqm	19447.50
I		Providing cement based water proofing treatment to terraces (Indian water proofing or alike) with brick bats laid in required slope to drain the water for any span after cleaning the base surface. Applying a coat of cement slurry admixed with approved water proofing compound and laying the brick bats on bottom layer in C.M.1:5 admixed with approved waterproofing compound filling up to half depth of brick bats As directed by Engineer in charge			
	6.25		1373.160	Sqm	8582.25
Total =					362027.27
Total Say Rs. = ₹ 3,62,027.00					