



**ESTIMATE OF CIVIL CONSTRUCTION WORK OF ETP TANK FOR  
SONHIRA AGRO FARMER PRODUCER COMPANY LIMITED,**

**Mohityanche Vadgaon, Tal:- Kadegaon, Dist:- Sangli.GSTIN NO.27ABCCS7381N1ZN**

Sr. No.	Quantity	Item	Rate	Per	Amount
A		<b>Lining out the structure</b> for columns, footing & foundations fixing the centerline as per plan necessary material such as iron pegs, constructing permanent semi permanent pillars etc. as			
	Job		2001.00	L/s.	2001.00
B		<b>EXCAVATION</b>			
B-1		Excavation for foundation in <b>hard murum</b> 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			
	8.00		305.55	Cum	2444.40
C		<b>PLAIN CEMENT CONCRETE</b>			
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			
	0.72	1:03:06	6434.54	Cum	4632.87
D		<b>REINFORCED CEMENT CONCRETE</b>			
D-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 <b>footings of R.C.C. columns</b> 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			
	2.50		7782.55	Cum	19456.38

Sr. No.	Quantity	Item	Rate	Per	Amount
D-2	1.50	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite /quartzite/ gneiss metal for <b>R.C.C. columns</b> 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.	14419.60	Cum	21629.40
D-3	1.30	Providing and laying Cast in situ/Ready Mix cement concrete in M-25 of trap/ granite/ quartzite/ gneiss metal for <b>R.C.C. beams and lintels</b> 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	12839.35	Cum	16691.16
D-4	5.50	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap/ granite/ quartzite/ gneiss metal for <b>R.C.C. Padadi</b> 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	16210.90	Cum	89159.95
E	2.10	<b>REINFORCEMENT FOR R.C.C WORK</b>  Providing and fixing in position <b>TMT - FE - 500</b> 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	75619.33	M.T	158800.59

Sr. No.	Quantity	Item	Rate	Per	Amount
<b>F</b>		<b>PLASTERING</b>			
F-1	28.80	Providing <b>internal cement plaster</b> 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	398.68	Sqm	11481.98
F-2	34.50	Providing sand faced <b>plaster externally</b> 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	648.25	Sqm	22364.63
<b>G</b>	7.20	Providing cement based water proofing treatment to terraces (Indian water proofing or alike) with <b>brick bats</b> 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	1373.160	Sqm	9886.75
<b>Total =</b>					<b>358549.10</b>
<b>Total Say Rs. = ₹</b>					<b>3,58,549.00</b>



  
**Er. Anil A. Kamate**  
 D.C.E. & R.E.  
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