

**ESTIMATE OF CIVIL CONSTRUCTION WORK OF WEIGH BRIDGE 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		10001.00	L/s.	10001.00
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.2 Page No. 259			
	90.00		305.55	Cum	27499.50
B-2		Excavation for foundation in Soft rock and old cement or lime masonry foundations including removing the excavated material upto a distance of 50 metres beyond the building area and stacking as directed, including dewatering, preparing the bed for the foundation and necessary back filling with available earth/murum, ramming ,watering including shoring and strutting etc. complete. (Lift from1.5m To 3.0 m.) By Mechanical Means Spec. No.: Bd.A.4 Page No. 259			
	55.00		514.50	Cum	28297.50
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			
C-1	3.50	1:03:06	6434.54	Cum	22520.89

Sr. No.	Quantity	Item	Rate	Per	Amount
E		MURUM FILLING			
E-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			
	16.00		118.65	Cum	1898.40
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			
	4.50		7782.55	Cum	35021.48
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.			
	1.80		14419.60	Cum	25955.28
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			
	3.50		12839.35	Cum	44937.73

Sr. No.	Quantity	Item	Rate	Per	Amount
F-4		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			
	21.00		16210.90	Cum	340428.90
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			
	2.60		15424.45	Cum	40103.57
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			
	4.00		75619.33	M.T	302477.32
H		MASONRY WORK IN SUPER STRUCTURE.			
H-1		Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, racking out joints, watering and scaffolding Complete. Spec. No.: Bd.G.5 Page No. 315			
	3.50		8685.49	Cum	30399.22

Sr. No.	Quantity	Item	Rate	Per	Amount
I		PLASTERING			
I-1	35.00	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	398.68	Sqm	13953.80
I-2	42.00	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	648.25	Sqm	27226.50
K		IPS Grit Coba			
K-1	45.00	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, curing this layer for 3 days, applying cement slurry over this layer joints of brick bats with C.M.1:3 admixed with approved water proofing compound and finally top finishing with average 20 mm. thick layers of same mortar added with jute fiber at 1 Kg per bag including finishing the surface smooth with cement slurry admixed with approved water proofing compound. Marking finished surface with false squares of 300mm x 300 mm. making the junctions at the parapet rounded and tapered top for required height, with drip mould at the junction of plaster and parapet and curing and covering 10 years Guarantee against leakproofness on Court fee stamp paper of Rs. 500/- including ponding test etc. complete. Spec. No.: As directed by Engineer in charge.	1373.160	Sqm	61792.20
Total =					1012513.28
Total Say Rs. = ₹					10,12,513.00