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SAMARTH

CONSTRUCTION & INFRASTRUCTURE, SHIRPUR
CHARTERED ENGINEER & CONSULTING ENGINEERS

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ER. GAURAV D. DORIK (B.E. CIVIL)

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ESTIMATE

Name of work :- Construction of 500 MT Warehouse Unit with Ancillary work For Agro Futures Farmers Producer Company Limited"at -Walkheda in Gat No. 391 , Tal-Shindkheda , Dist- Dhule Under

Director :Mr. Yogesh Vinod Patil

ESTIMATE FOR THE YEAR 2021-2022

Under बाळासाहेब ठाकरे कृषी व्यवसाय आणि ग्रामीण परिवर्तन (स्मार्ट) योजना

Name of work :- Construction of 500 MT Warehouse Unit with Ancillary work For Agro Futures Farmers Producer Company Limited"at -Walkheda in Gat No. 391 , Tal-Shindkheda , Dist- Dhule Under

बाळासाहेब ठाकरे कृषी व्यवसाय आणि ग्रामीण परिवर्तन(स्मार्ट)योजना
जागतिक बँक सहायत उपक्रम

Estimated Cost Rs 67,52,000.00


DIRECTOR


DIRECTOR



Name of work :- Construction of 500 MT Warehouse Unit with Ancillary work For Agro Futures Farmers Producer Company Limited"at -Walkheda in Gat No. 391 , Tal-Shindkheda , Dist- Dhule Under

मा.बाळासाहेब ठाकरे कृषी व्यवसाय आणि ग्रामीण परिवर्तन (स्मार्ट) योजनाजागतिक बँक सहायत उपक्रम

RECAPITULATION SHEET

Sr.No.	PARTICULERS	Amount In Rs.
A	Cost of Civil Work for Proposed Construction Warehouse	4627184.49
B	Cost of Civil Work for Proposed Construction Of Weighing Automation Scale	1041272.38
C	Add Labour Insurance Charges @ 1%	56684.57
	Total Amount A+B+C	5725141.44
D	Add Goods and Services Tax @ 12%	687016.97
E	Add 3% Fire Fighting on A & B	170053.71
F	Add 3% Electrification on A & B	170053.71
	Total Estimated Cost	6752265.82
	Say Rs.	67.52
In words- Sixty Seven Lakhs Fifty Two Thousand Rupees Only		



Gaurav

Er.Gaurav D.Dorik (B.E.Civil)
Consulting Engineer
Shirpur, Tal. Shirpur
Dist-Dhule.
Reg.No-TPD/RPD/143

[Signature]
DIRECTOR
Agro Futures Farmer

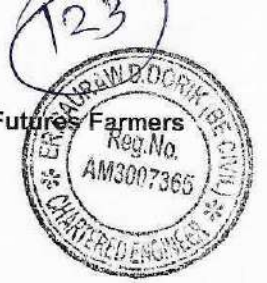
M. Thakare
DIRECTOR



A. WARE HOUSE BUILDING

Name of work :- Construction of 500 MT Warehouse Unit with Ancillary work For Agro Futures Farmers
Producer Company Limited"

at -Walkheda in Gat No. 391 , Tal-Shindkheda , Dist- Dhule Under
मा.बाळासाहेब ठाकरे कृषी व्यवसाय आणि ग्रामीण परिवर्तन (स्मार्ट) योजना
जागतिक बँक सहायत उपक्रम



Measurement Sheet

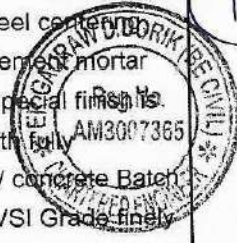
It.No.	Item of Work	No	Lenth	Breadth	Depth	Qty	T.Qty	
1.0	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Mechanical Means [SSR Item No.21.02, Page No.259]							
	Gr.I Outer Beams	8	4.660	0.300	0.450	5.033	25.377	
	Gr.II Outer Beams	4	5.150	0.300	0.450	2.781		
	Gr.III Outer Beams	2	5.05	0.30	0.45	1.364		
	C1 to C16	16	1.50	1.50	0.45	16.200		
Cum								
2.0	Excavation for foundation in earth, soils of all types, sand,gravel and soft murum, including removing the excavated material upto a 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 from 1.5m to 3.0m) By Mechanical Means [SSR Item No.21.04, Page No.187]							
	C1 to C16	16	1.50	1.50	1.50	54.000	54.000	
	Cum							
3.0	Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting etc. complete. (SSR Item No.21.38, Page No.192)							
	C1 to C16	16	1.50	1.50	0.20	7.200	62.100	
		1	18.30	15.00	0.20	54.900		
Cum								
4.0	Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15 cm to 20 cm including watering and compaction etc. complete. [SSR Item No.21.37, Page No.191]							
		1	18.30	15.00	0.90	247.050	247.050	
Cum								
5.0	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 (Natural Sand / Crushed sand VSI Grade finely washed etc) [SSR Item No.24.01, Page No. 217]							
	C1 to C16	16	1.50	1.50	0.10	3.600	31.050	
	WH	1	18.30	15.00	0.10	27.450		
	Cum							
6.0	Providing and laying in situ /Ready Mix cement concrete M-20 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 micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc) [SSR Item No.25.11, Page No.222]							
	Ist Portion	C1 to C16	16	1.20	1.20	0.30	6.912	10.800
	II nd Portion	C1 to C16	16	0.90	0.90	0.30	3.888	
	Cum							

DIRECTOR


MATHURKAR
DIRECTOR

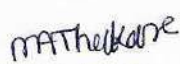


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7.0	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawing or as directed including steel centering, formwork, cover blocks, laying/pumping, 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).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 (Natural Sand / Crushed sand VSI Grade finely washed etc) [SSR Item No.25.31, Page No.224]							
	Upto Ground Level	10	0.30	0.45	0.90	1.215	13.698	
		4	0.34	0.34	0.90	0.416		
		2	0.57	0.30	0.90	0.308		
		1	0.15	0.34	0.90	0.046		
	Upto Plinth Level	10	0.30	0.45	0.45	0.608		
		4	0.34	0.34	0.45	0.208		
		2	0.57	0.30	0.45	0.154		
		1	0.15	0.34	0.45	0.023		
	Up above plinth Level	10	0.30	0.45	5.60	7.560		
		4	0.34	0.34	5.60	2.589		
		2	0.15	0.34	5.60	0.571		
								Cum
8.0	Providing and laying Cast in situ/Ready Mix cement concrete M-20 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 micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc) [SSR Item No.25.50, Page No.225]							
	Gr.I Outer Beams	8	4.660	0.340	0.450	5.704	16.496	
	Gr.II Outer Beams	4	5.150	0.340	0.450	3.152		
	Gr.III Outer Beams	2	5.05	0.34	0.45	1.545		
	Lintel Beams	2	29.88	0.340	0.300	6.096		
							Cum	
9.0	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centering, formwork, cover blocks compacting , curing , finishing and roughening the surface if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel).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 (Natural Sand / Crushed sand VSI Grade finely washed etc) [SSR Item No.26.05, Page No. 230]							
		1	1.80	0.10	1.800	0.32	0.996	
		7	0.60	0.10	0.600	0.25		
		7	1.00	0.10	0.600	0.42		
							Cum	
10.0	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.[SSR Item No.26.33 , Page No.236]							
	Qty of Footing	1	10.80	1.00	87.00	939.60	3965.38	
	Qty of Column	1	13.70	1.00	98.00	1342.40	Kg	
	Qty of Beam	1	16.50	1.00	98.00	1616.65	3.965	
	Qty of Chajja	1	1.00	1.00	67.00	66.73		
							MT	


DIRECTOR
 Agro Farmer


DIRECTOR
 Farmer

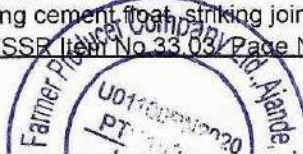




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11.0	Providing and fixing in position HCRM / CRS (Corrosion Resistant Steel) bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase newels, chajjas, lintels pardis, copings, fins, 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.26.34, Page No.306]						
	10% Qty of Total Steel					0.40 MT	
12.0	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in plinth as backing in composite masonry including bailing out water manually, striking joints, raking out joints and watering etc Complete. SSR I.NO. 27.03 @ 7116.00 Per Cum						
	8	4.660	0.300	0.660	7.381	12.460	
	4	5.150	0.300	0.660	4.079		
	1	5.05	0.300	0.660	1.000		
						Cum	
13.0	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.246]						
	Gr.I Outer Beams	8	4.660	0.300	2.500	27.960	39.905
	Gr.II Outer Beams	4	5.150	0.300	2.500	15.450	
		2	5.05	0.300	2.500	7.575	
		8	4.660	0.230	2.200	18.864	
		4	5.150	0.230	2.200	10.424	
		2	5.05	0.230	2.200	5.111	
	Deduction (Shutters)	1	1.80	0.230	2.400	0.994	3.505
	Windows W1	7	0.60	0.230	0.600	0.580	
		14	1.00	0.230	0.600	1.932	
						Cum	
14.0	Providing and fixing colour coated Zinalume (R) AZ150 (min 150 gms/sq.mt. Total on each side) profiled sheets for roofing. The feed material is manufactured out of nominal 0.45 mm Base Metal Thickness (BMT) (0.5 mm TCT), Hi-strength steel with min.550 MPa yield strength, metallic hot dip coated with Aluminium-Zinc alloy (55% aluminium 43.4% zinc 1.6% silicon) with COLORBOND (R) steel quality super durable polyester paint coat (with inorganic pigment). The paint shall have a total coating thickness of nominal 35 um, comprising of nominal 25 um exterior coat on top surface and nominal 10 um reverse coat on back surface. Profile sheet shall have nom. 950-1050 mm effective cover width and nominal 25-30 mm deep ribs with subtle square fluting in the five pan at nominal 180-250 mm centre- to-centre. The end rib shall be designed for anti-capillary groove. And return leg. The feed material should have coil manufacturers product details marked a regular interval. Including fasteners with min. fastened with min. 25 um Zinc-Tin alloy coated, Hex head, self-drilling screw etc. complete. (Weight of profile 4.52 Kilogram/Square Metre) [SSR Item No. 38.34, Page no.291]						
	For Roofing	2	18.300	7.500		274.500	274.500
							Sqm
15.0	Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing etc. complete. [SSR Item No.32.04, Page No.256]						
	L/W	2	18.300		5.600	204.960	372.960
	C/W	2	15.000		5.600	168.000	
	Deduction (Shutters)	1	1.800		2.400	4.320	15.240
	Windows W1	7	0.600		0.600	2.520	357.720
	14	1.00		0.600	8.400		
						Sqm	
16.0	Providing cement plaster 20mm thick in two coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc. Complete. [SSR Item No.32.07, Page No.256]						
	L/W	2	15.700		6.600	207.240	540.936
	C/W	2	18.980		6.600	250.536	
Chajja	21	0.600		6.600	83.160		
17.0	Providing and laying Rough Shahabad Stone Flooring 50mm to 60mm thick and of required width in plain/ diamond pattern on a bed of 1:6 C.M. including cement float, striking joints, pointing in cement mortar 1:3, cutting and cleaning etc. etc. complete. [SSR Item No.33.03/ Page No.261]						

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	Inside of Godown	1	15.000	18.300		274.500	274.500
18.0	Providing structural steel work in trusses, other similar trussed purlins and members with all bracing, gusset plates etc. as per detailed designs and drawings 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 2 coats of oil painting approved quality and shade etc. complete. [SSR Item No.23.04, Page No.214]						
	PEB Building Godown 18.30 x 15 = 274.50 x 60Kg/Sqm = 16470.00 Kg						16.470
	MT						
19.0	Providing and fixing mild steel grill work for windows, ventilators etc. 20 kg/sqm as per drawing including fixtures, necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete. [SSR Item No.40.01, Page No.329]						
	W1	7	0.600		0.600	2.520	6.720
		7	1.000		0.600	4.200	
	Sqm						
20.0	Providing and applying plastic emulsion paint of approved quality, colour and shade to old and new surfaces in two coats including scaffolding, preparing the surface. (excluding the primer coat)etc. complete. [SSR Item No.36.12, Page No.285]						
	Qty Same as Item No.15						357.720
	Sqm						
21.0	Providing and applying two coats of water proof cement paint of approved manufacture and of approved colour to the plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days etc. complete. [SSR Item No.35.13, Page No.281]						
	Qty Same as Item No.16						540.936
	Sqm						
22.0	Providing and fixing rolling shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate of 3.15 mm thickness reinforced with 35 x 35 x 5 mm angle section fitted with sliding bolts and handles for both sides, deep M.S. channel section of depth and thickness not less than 65 mm and 3.15 mm respectively with hold fast arrangements, M.S. Bracket plate 300 x 300 x 3.15 mm minimum size and shape with square bar, suspension shaft of minimum 32 mm diameter, hood cover of M.S. sheet not less than 0.9 mm 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.311]						
	Rs1	1	1.800		2.400	4.320	4.320
	Sqm						
23.0	Providing and fixing screw down 15 mm dia. wheeled stop tap of brass including necessary sockets/union nut complete [SSR Item No.41.43, Page No.337]						
		5					5.000
	No.						
24.0	Providing and fixing in position (as per 1868 / 1982) Aluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm at weight 0.637 kg/Rmt. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 kg/Rmt. Top and side track section 92 x 31.75 x 1.30 mm at weight 0.933 kg/Rmt. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 kg/Rmt. and handle and top section 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. As per detailed drawings and as directed by Engineerincharge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass and aluminium mosquito net shutter with stainless steel jail with all required screws and nuts etc, complete. With colour Anodizing without box [SSR Item No.20.42, Page No.216]						
	W1	7	0.600		0.600	2.520	10.920
		14	1.000		0.600	8.400	
	Sqm						
25.0	Providing and fixing on walls/ceiling/floor 20 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete. [SSR Item No.42.56, Page No.351]						
	For inlet of Roof Tank						25.000
	Rgm						
26.0	Providing and fixing H.D.P container Syntex or alike one piece moulded water tank made out of high density polythylter and built corrugated inclusive of delivery up to destination hoisting and fixing of accessories such as inlet, outlet overflow pipe inclusive of all tanks capacity between 200 to 1000 liters [SSR Item No.22.53, Page No.350]						



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	Water Tank	5	1000.000				5000.000
							Lit
27.0	Turbo Ventilator 24" : Providing and fixing wind operated turbo ventilator system of various sizes over the existing roof including cutting CGI sheet, proper fixing in position to true line and level with all fixtures and fastenings includign etc. complete. [SSR I.No. 42 on P.No. 374]						
		6					6.000
							No.
28.0	Qty. of Material Utilised for Royalty for Sand as per statement attached.						
29.0	Qty. of Material Utilised for Royalty for Metal & Murum as per statement attached.						
30.0	BASIC TEST OF CEMENT Standard consistancy Fineness specific Gravity setting Time (Intial & Final) Compressive strength Soundness						
		1					1.000
							No.
31.0	BASIC TEST OF AGGREGATE Water absorption, specific gravity impact value crushing value						
		1					1.000
							No.
32.0	BRICKS Water Absorotion (set of 5 Bricks) compressive strength set of 4 Brick (Efflorescence						
		1					1.000
							No.
33.0	CONCRETE Compressive strength of C.C. Cube (Set of 3 Cubes)						
		1					1.000
							No.

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Gaurav

Er. Gaurav D. Dorik (B.E. Civil)
Consulting Engineer
Shirpur, Tal. Shirpur
Dist-Dhule
Reg No-18 - 01143

D. K. K.
DIRECTOR
Agro Future Farmer

M. Thakare
DIRECTOR



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Name of work :- Construction of 500 MT Warehouse Unit with Ancillary work For Agro Futures Farmers Producer Company Limited"

at -Walkheda in Gat No. 391 , Tal-Shindkheda , Dist- Dhule Under

मा.बाळासाहेब ठाकरे कृषी व्यवसाय आणि ग्रामीण परिवर्तन (स्मार्ट) योजनाजागतिक बँक सहायत उपक्रम

Abstract Sheet

Sr.No.	Description	Quantity	Unit	Rate	Amount
1.0	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 1.5 m.) By Mechanical Means [SSR Item No.21.02, Page No.259] 193.00/Cum	25.38	Cum	193.00	4897.82
2.0	Excavation for foundation in earth, soils of all types, sand, gravel and soft-murum, including removing the excavated material up to a distance of 50 meters 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 from 1.5m to 3.0m) By Mechanical Means [SSR Item No.21.04, Page No.189] 258.00/Cum	54.00	Cum	241.00	13014.00
3.0	Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand-packing and compacting etc. complete. (SSR Item No.21.38 Page No.194) 1382.00/Cum	62.10	Cum	1815.90	112767.39
4.0	Filling in plinth and floors with contractors material/brought from outside and approved by Engineer in-charge in layers of 15 cm to 20 cm including watering and compaction etc. complete. [SSR Item No.21.37 Page No.194] 795.00/Cum	247.05	Cum	730.90	180569.83
5.0	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 centring, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing 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 (Natural Sand / Crushed sand VSI Grade finely washed etc.) [SSR Item No.24.01, Page No. 215] 5830.00/Cum	31.05	Cum	5499.89	170771.58

[Signature]
DIRECTOR
Agro Futures Farmer

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DIRECTOR



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6.0	Providing and laying in situ /Ready Mix cement concrete M-20 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 centring 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 (Natural Sand / Crushed sand VSI Grade finely washed etc) [SSR Item No.25.11, Page No.219] 7104.00/cum	10.80	Cum	6481.33	69998.36
					0.00
7.0	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 drawing 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).with fully automatic microprocessor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc.) [SSR Item No.25.31, Page No.221] 13783.00/cum	13.70	Cum	12170.23	166706.96
8.0	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centring, 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 (Natural Sand / Crushed sand VSI Grade finely washed etc) [SSR Item No.25.50, Page No.223] 12269.00/cum	16.50	Cum	10816.63	178436.10
					0.00

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9.0	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centring, formwork, cover blocks compacting , curing , finishing and roughening the surface if special finish is 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 (Natural Sand / Crushed sand VSI Grade finely washed etc) [SSR Item No.26.05, Page No. 237]13932.00/cum	1.00	Cum	12281.83	12232.70
10.0	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. [SSR Item No.26.33, Page No.233] 20702.00/MT	3.97	Mt	71926.81	285217.29
11.0	Providing and fixing in position HCRM / CRS (Corrosion Resistant Steel) 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.26.34, Page No.233] 94136.00/MT	0.40	Mt	83326.00	33041.94
12.0	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in plinth as backing in composite masonry including bailing out water manually, striking joints, raking out joints and watering etc Complete. SSR I.NO. 27.03 @ 7116.00 Per Cum	12.46	Cum	7473.45	93120.23
13.0	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 242] 7994.00/Cum	39.90	Cum	7927.45	316343.31

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Agro Future Farmer

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14.0	Providing and fixing colour coated Zinalume (R) AZ150 (min 150 gms/sq.mt. Total on each side) profiled sheets for roofing. The feed material is manufactured out of nominal 0.45 mm Base Metal Thickness (BMT) (0.5 mm TCT), Hi-strength steel with min.550 MPa yield strength, metallic hot dip coated with Aluminium-Zinc alloy (55% aluminium 43.4% zinc 1.6% silicon) with COLORBOND (R) steel quality super durable polyester paint coat (with inorganic pigment). The paint shall have a total coating thickness of nominal 35 um, comprising of nominal 25 um exterior coat on top surface and nominal 10 um reverse coat on back surface. Profile sheet shall have nom. 950-1050 mm effective cover width and nominal 25-30 mm deep ribs with subtle square fluting in the five pan at nominal 180-250 mm centre- to-centre. The end rib shall be designed for anti-capillary groove. And return leg. The feed material should have coil manufacturers product details marked a regular interval. Including fasteners with min.fastened with min.25 um Zinc-Tin alloy coated, Hex head, self-drilling screw etc. complete. (Weight of profile 4.52 Kilogram/Square Metre) [SSR Item No. 38.34, Page no.291] 1173.00/Sqm	274.500	Sqm	1095.00	300577.50
					0.00
15.0	Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing etc. complete.[SSR Item No.32.04 Page No.2561.278.00/Sqm	357.720	Sqm	271.32	97056.59
16.0	Providing internal cement plaster 20mm thick in two coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc. Complete. [SSR Item No.32.07 Page No.2561.382.00/Sqm	540.936	Sqm	377.01	203938.28
17.0	Providing and laying Rough Shahabad Stone Flooring 50mm to 60mm thick and of required width in plain/ diamond pattern on a bed of 1:6 C.M. including cement float, striking joints, pointing in cement mortar 1:3 curing and cleaning etc. etc. complete. [SSR Item No.33.03, Page No.2611.900.00/Sqm	274.500	Sqm	846.00	232227.00
18.0	Providing structural steel work in trusses, other similar trussed purlins and members with all bracing, gusset plates etc. as per detailed designs and drawings 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 2 coats of oil painting approved quality and shade etc. complete. [SSR Item No.23.04, Page No.212] 119459.00/MT	16.470	Mt	105909.00	1744321.23
19.0	Providing and fixing mild steel grill work for windows, ventilators etc. 20 kg/sq.m as per drawing including fixtures, necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete. [SSR Item No.40.01, Page No.329] 2097.00/Sqm	6.720	Sqm	1845.00	12398.40


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26.0	Providing and fixing H.D.P container one piece moulded water tank made out of high density polythylar and built corrugated inclusive of delivery up to destination hoisting and fixing of accessories such as inlet, outlet overflow pipe inclusive of all tanks capacity between 200 to 1000 litres [SSR Item No.42.53, Page No.349], 14 00/L it	5000.000	Ltr	13.00	65000.00
27.0	Turbo Ventilator 24" : Providing and fixing wind operated turbo ventilator system of various sizes over the existing roof including cutting CGI sheet, proper fixing in position to true line and level with all fixtures and fastenings including etc. complete. [SSR I.No. 42 on P.No. 67219702 00/No	6.000	No	8680.00	52080.00
28	Sand Royalty Charges for this work.As per Government Of Maharashtra Revenue and Forest Departments Gazette No. 146 Dt. 04 June 2021, States that the Royalty Charges of Rs.600/- Per Brass (i.e. Rs.211.95/Cu.M.) are to be considered. The surcharge levied on Royalty shall also be payable to the contractor.	68.09	Nos	237.37	16161.43
29	Other Minerals Royalty Charges for this work.As per Government Of Maharashtra Revenue and Forest Departments Gazette No. 146 Dt. 04 June 2021, States that the Royalty Charges of Rs.600/- Per Brass (i.e. Rs.211.95/Cu.M.) are to be considered. The surcharge levied on Royalty shall also be payable to the contractor.	436.72	Nos	216.18	94409.34
30	Carrying out Tests for CEMENT , Standard Consistency Fineness, Specific Gravity,Setting Time (Initial & Final),Compressive Strength, Soundness including all leads amd Stacking etc Completed	1.00	Nos	3770.00	3770.00
31	Carrying out Tests for AGGREGATES , Water Absorption, Specific Gravity,Impact Value /Crushing Value of Aggregates including all leads amd Stacking etc Completed	1.00	Nos	2495.00	2495.00
32	Carrying out Tests for BRICKS , Water Absorption (Set of 5 Bricks), Compressive Strength(Set of 5 Bricks), Efflorescence (Set of 5 Bricks) of Bricks including all leads amd Stacking etc Completed	1.00	Nos	6525.00	6525.00
33	Carrying out Tests for CONCRETE , Compressive Strength OF C.C. Cube(Set of 3 cubes) of Concrete including all leads amd Stacking etc Completed	1.00	Nos	6210.00	6210.00
Total					4627184.49
SAY					Rs. 46.27 Lakhs



Gaurav
Er. Gaurav D. Dorik (B.E. Civil)
 Consulting Engineer
 Shirpur, Tal. Shirpur
 Dist-Dhule.
 Reg.No-TPD/CPD/143

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DIRECTOR

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DIRECTOR



Work :- Construction of 500 MT Warehouse Unit with Ancillary work For Agro Futures Farmer, Producer Company Limited" at -Walkheda in Gat No. 391 , Tal-Shindkheda , Dist- Dhule Under

मा.बाळासाहेब ठाकरे कृषी व्यवसाय आणि ग्रामीण परिवर्तन (स्मार्ट) योजनाजागतिक बँक सहायत उपक्रम

MATERIAL COMPONENT

Description	Total Qty.	Unit	Cement		Metal 40mm and Above		Metal 40mm and Below		Sand		Steel		Bricks		SM / HM	
			Const. Val	Qty	Const. Val	Quantity	Const. Val	Qty	Const. Val	Qty	Const. Val	Qty	Const. Val	Qty	Const. Val	Qty
riding dry/ trap/ granite/ tizite/ gneiss rubble stone ing 15 cm to 20 cm thick iding hand-packing and eacting etc. complete. (SSR	62.10	Cum			1.20	74.52										
ing in plinth and floors with ractors material/brought outside and approved by ineer in-charge in layers of m to 20 cm including ring and compaction etc. plete. R Item No.21.37, Page 0.41.205.00/Cum	247.05	Cum													1.20	296.46
riding and laying Cast in Ready Mix cement concrete -10 of trap/ granite/ tizite/ gneiss metal for	31.05	Cum	0.22	6.83			0.90	27.95	0.470	14.59						
iding and laying in situ dy Mix cement concrete M- if trap / granite /quartzite/ ss metal for R.C.C. work in dations like raft, strip dations/ grillage and gs of R.C.C. columns and anchans etc	10.80	Cum	0.035	0.38			0.90	9.72	0.425	4.59						



Agro Futures Farmer
Producer Company Limited
Ajande, Tal. Shindkheda, Dist. Dhule (MH) (G. No. 1)



Providing and laying Cast in Ready Mix cement concrete of trap / granite / quartzite / stainless metal for R.C.C. columns per detailed designs and drawing or as directed	13.70	Cum	0.035	0.48				0.90	12.33	0.425	5.82			
Providing and laying Cast in Ready Mix cement concrete of trap / granite / quartzite / stainless metal for R.C.C. beams lintels as per detailed designs and drawings or as directed	16.50	Cum	0.035	0.58				0.90	14.85	0.425	7.01			
Providing and laying Cast in Ready Mix cement concrete of trap / granite / quartzite / stainless metal for R.C.C. chajja per detailed design and drawings	1.00	Cum	0.035	0.03				0.90	0.90	0.425	0.42			
Providing second class Burnt masonry with traditional / I.S. type bricks in mortar 1:6 in foundations and plinth of inner / in plinth external walls	12.46	Cum	0.079	0.98								0.475	5.92	
Providing Second class Burnt masonry with traditional / I.S. type bricks in mortar 1:6 in structure including s...	39.90	Cum	0.079	3.15									0.475	18.95
Providing internal cement plaster 12mm thick in single coat with mortar 1:4 without finish to concrete or brick	357.72	Sqm												
Providing internal cement plaster 20mm thick in double coats with mortar 1:4 without														



Binding and fixing in position - FE - 500 bar Reinforcement of various diameters for R.C.C. pile caps, Raftings, foundations, slabs, Columns, canopies, Gate, newels, chajjas, lintels and copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, and binding the bars, binding with	3.97	Sqm	0.00								1.000	3.97											296.46	
	Total Quantity	1337.18		23.22			74.52	65.74	Cum	68.09	Cum	3.97	Cum	24.87	Cum									
Quantity of Sand For Royalty						68.09 Cum																		
Amount of Royalty for Sand @ Rs. 237.37/c						68.09 x	237.4																	
Quantity of other items For Royalty						165.83 Cum	436.72																	
Amount of Royalty for Other minerals @ Rs						436.72 x	216.2																	
Amount of Royalty in Rs.							<u>110570.77</u>																	



Er. Gaurav D. Dorik

Er. Gaurav D. Dorik (B.E. Civil)
 Consulting Engineer
 Shirpur, Tal. Shirpur
 Dist- Dhule
 Reg. No- TPD/RPD/143



Director
 DIRECTOR
 Agro Future Farmer
 Producer Company Limited
 e, Tal. S... 425403
 st. Dhule (MH) (India)

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Name of work :- Construction of 500 MT Warehouse Unit with Ancillary work For Agro Futures Farmers Producer Company Limited"at -Walkheda in Gat No. 391 , Tal-Shindkheda , Dist- Dhule Under

मा.बाळासाहेब ठाकरे कृषी व्यवसाय आणि ग्रामीण परिवर्तन (स्मार्ट) योजनाजागतिक बँक सहायत उपक्रम

S.No	MATERIAL	KM.	LEAD	INITIAL	NET
(1)	CEMENT	5.00	148.81	0.00	148.81
(2)	SAND	16.00	368.88	0.00	368.88
(3)	CR METAL	15.00	355.50	0.00	355.50
(4)	40MM METAL CB	15.00	340.69	0.00	340.69
(5)	BRICKS	10.00	479.26	0.00	479.26
(6)	SOLING/RUBBLE	15.00	434.92	0.00	434.92
(7)	STEEL	5.00	148.81	0.00	148.81
(8)	HARD MURUM	3.00	192.42	0.00	192.42

RATE ANALYSIS [SSR OF 2021-2022]

I.No	DESCRIPTION OF ITEM	QTY.	NET LEAD	RATE/UNIT
ITEM NO. 1 :-				
1)	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 SSR OF 2021-2022 ITEM NO. 21.02			193.00
TOTAL RATE Rs.				193.00 Per Cu.M.
ITEM NO. 2 :-				
2)	Excavation for foundation in hard murum including removing the excavated material 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. SSR OF 2021-22 ITEM NO. 21.06			241.00
TOTAL RATE Rs.				241.00 Per Cu.M.
ITEM NO. 3 :-				
3)	Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting etc. complete. Bd.A. 12 Page No. 264 SSR OF 2021-22 ITEM NO. 21.38			1294.00
	ADD LEAD CHARGES FOR RUBBLE	1.20000	434.92	521.90
TOTAL RATE Rs.				1815.90 Per Cu.M.
ITEM NO.4 :-				
4)	Filling in plinth and floors with contractors material/brought from outside and approved by Engineer in-charge in layers of 15 cm to 20 cm including watering and compaction etc. complete. SSR Item No.21.37, Page No.194] 795.00000			500.00

[SSR Item No.21.37, Page No.194] 795.00000

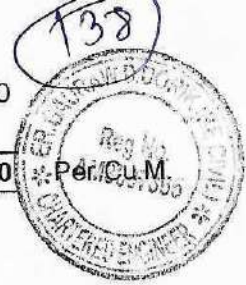
Agro Future Farmer



ADD LEAD CHARGES FOR HM

1.20000 192.42 230.90

TOTAL RATE Rs. 730.90



- 5) 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 (Natural Sand / Crushed sand VSI Grade finely washed etc) Bd. E. 1 Page No. 287 [NOTE:- WITHOUT/NON SCADA]

SSR OF 2021-22 ITEM NO. 24.01			5538.00
DEDUCT FOR NON SCADA	10%		-553.80
			4984.20
ADD LEAD CHARGES FOR CEMENT	0.220	148.81	32.74
ADD LEAD CHARGES FOR SAND	0.470	368.88	173.37
ADD LEAD CHARGES FOR CR METAL	0.200	355.50	71.10
ADD LEAD CHARGES FOR 40MM METAL CE	0.700	340.69	238.48

TOTAL RATE Rs. 5499.89 Per Cu.M.

ITEM NO. 6 :-

- 6) Providing and laying in situ /Ready Mix cement concrete M-20 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. SSR OF 2021-22 ITEM NO. 25.11

DEDUCT FOR NON SCADA	10%		6666.00
			-666.60
			5999.40
ADD LEAD CHARGES FOR CEMENT	0.035	148.81	5.21
ADD LEAD CHARGES FOR SAND	0.425	368.88	156.77
ADD LEAD CHARGES FOR CR METAL	0.900	355.50	319.95

TOTAL RATE Rs. 6481.33 Per Cu.M.

ITEM NO. 7 :-

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 Agro Future Farmer

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DIRECTOR



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7) 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 drawing 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).with fully automatic micro processor based PI C with SSR OF 2021-22 ITEM NO. 25.31

			12987.00
DEDUCT FOR NON SCADA	10%		-1298.70
			11688.30
ADD LEAD CHARGES FOR CEMENT	0.035	148.81	5.21
ADD LEAD CHARGES FOR SAND	0.425	368.88	156.77
ADD LEAD CHARGES FOR CR METAL	0.900	355.50	319.95

TOTAL RATE Rs. 12170.23 Per Cu.M.

ITEM NO. 8 :-

8) Providing and laying Cast in situ/Ready Mix cement concrete M-20 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 SSR OF 2021-22 ITEM NO. 25.50

			11483.00
DEDUCT FOR NON SCADA	10%		-1148.30
			10334.70
ADD LEAD CHARGES FOR CEMENT	0.035	148.81	5.21
ADD LEAD CHARGES FOR SAND	0.425	368.88	156.77
ADD LEAD CHARGES FOR CR METAL	0.900	355.50	319.95

TOTAL RATE Rs. 10816.63 Per Cu.M.

ITEM NO. 9 :-

9) Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centring, formwork, cover blocks compacting , curing , finishing and roughening the surface if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel).with fully automatic microprocessor based PLC with [SSR Item No.26.05, Page No. 230]

			13111.00
DEDUCT FOR NON SCADA	10%		-1311.10
			11799.90
ADD LEAD CHARGES FOR CEMENT	0.035	148.81	5.21
ADD LEAD CHARGES FOR SAND	0.425	368.88	156.77

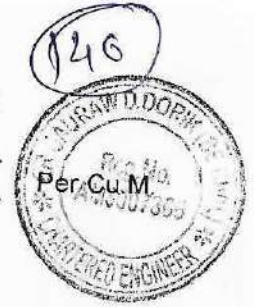
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ADD LEAD CHARGES FOR CR METAL

0.900 355.50 319.95

TOTAL RATE Rs. 12281.83



ITEM NO. 10 :-

10) 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. Bd.F.17 Page No. 306

SSR OF 2021-22 ITEM NO. 26.33

71778.00

ADD LEAD CHARGES FOR STEEL

1.00 148.81 148.81

TOTAL RATE Rs. 71926.81

Per M.T.

ITEM NO. 11 :-

11) Providing and fixing in position HCRM / CRS (Corrosion Resistant Steel) bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins. [SSR Item No.26.34, Page No.306]

83326.00

TOTAL RATE Rs. 83326.00

Per M.T.

ITEM NO. 12 :-

12) Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in plinth as backing in composite masonry including bailing out water manually, striking joints, raking out joints and watering etc Complete. [SSR Item No.27.03, Page No.314]

7116.00

ADD LEAD CHARGES FOR CEMENT

0.07900 148.81 11.76

ADD LEAD CHARGES FOR SAND

0.32000 368.88 118.04

ADD LEAD CHARGES FOR BRICKS

0.47500 479.26 227.65

TOTAL RATE Rs. 7473.45

Per Cu.M.

ITEM NO. 13 :-

13) 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.246]

[SSR Item No.27.05, Page No.315]

7570.00

ADD LEAD CHARGES FOR CEMENT

0.07900 148.81 11.76

ADD LEAD CHARGES FOR SAND

0.32000 368.88 118.04

ADD LEAD CHARGES FOR BRICKS

0.47500 479.26 227.65

TOTAL RATE Rs. 7927.45

Per Cu.M.

ITEM NO. 14

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Agro Future Farmer
Producer Company Limited



Zincalume (150) 12100 (1mm) 150
gms/sq.mt. Total on each side) profiled
sheets for roofing. The feed material is
manufactured out of nominal 0.45 mm Base
Metal Thickness (BMT) (0.5 mm TCT). Hi-
[SSR Item No. 38.34, Page no.291]

1095.00

TOTAL RATE Rs.

1095.00



ITEM NO. 15 :-

- 15) Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing etc. complete. [SSR Item No.32.04, Page No.256]

[SSR Item No. 32.04, Page no.256]

264.00

ADD LEAD CHARGES FOR CEMENT

0.01200 148.81 1.79

ADD LEAD CHARGES FOR SAND

0.01500 368.88 5.53

TOTAL RATE Rs.

271.32

Per Sq.M.

ITEM NO. 16 :-

- 16) Providing cement plaster 20mm thick in two coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc. Complete. [SSR Item No.32.07, Page No.256]

[SSR Item No.32.07, Page No.256]

366.00

ADD LEAD CHARGES FOR CEMENT

0.01200 148.81 1.79

ADD LEAD CHARGES FOR SAND

0.02500 368.88 9.22

TOTAL RATE Rs.

377.01

Per Sq.M.

ITEM NO. 17 :-

- 17) Providing and laying Rough Shahabad Stone Flooring 50mm to 60mm thick and of required width in plain/ diamond pattern on a bed of 1:6 C.M. including cement float, striking joints, pointing in cement mortar 1:3 curing and cleaning etc. etc. complete. [SSR Item No.33.03, Page No.261]

[SSR Item No.33.03, Page No.261]

846.00

TOTAL RATE Rs.

846.00

Per Sq.m

ITEM NO. 18 :-

- 18) Providing structural steel work in trusses, other similar trussed purlins and members with all bracing, gusset plates etc. as per detailed designs and drawings or as directed including cutting, fabricating, hoisting, erecting fixing in position, Making riveted/ bolted/ welded connection and one coat of [SSR Item No.23.04, Page No.214]

105909.00

TOTAL RATE Rs.

105909.00

Per Sq.m

ITEM NO. 19 :-

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19) Providing and fixing mild steel grill work for windows, ventilators etc. 20 kg/sqm as per drawing including fixtures necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete. [SSR Item No.40.01, Page No.329]

[SSR Item No.40.01, Page No.329]

1845.00

TOTAL RATE Rs.

1845.00

Per Sq.m

ITEM NO. 20 :-

20) Providing and applying plastic emulsion paint of approved quality, colour and shade to old and new surfaces in two coats including scaffolding, preparing the surface. (excluding the primer coat)etc. complete. [SSR Item No.36.12. Page No.285]

[SSR Item No.36.12, Page No.285]

70.00

TOTAL RATE Rs.

70.00

Per Sq.m

ITEM NO. 21 :-

21) Providing and applying two coats of water proof cement paint of approved manufacture and of approved colour to the plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days etc. complete. [SSR Item No.35.13, Page No.281]

[SSR Item No.35.13, Page No.281]

74.00

TOTAL RATE Rs.

74.00

Per Sq.m

ITEM NO. 22 :-

22) Providing and fixing rolling shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate of 3.15 mm thickness reinforced with 35 x 35 x 5 mm angle section fitted with sliding bolts and handles for both sides. deep M.S. channel section of depth [SSR Item No.39.24, Page No.311]

[SSR Item No.39.24, Page No.311]

4310.00

TOTAL RATE Rs.

4310.00

Per Sq.m

ITEM NO. 23 :-

23) Providing and fixing screw down 15 mm dia. wheeled stop tap of brass including necessary sockets/union nut complete [SSR Item No.41.43, Page No.337]

[SSR Item No.41.43, Page No.337]

468.00

TOTAL RATE Rs.

468.00

Nos

ITEM NO. 24 :-

24) Providing and fixing in position (as per 1868 / 1982) Aluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm at weight 0.637 kg/Rmt. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 kg/Rmt. Top and side track section 92 x 31.75 x 1.30 mm at weight 0.933 kg/Rmt. The shutter [SSR Item No.39.42, Page No.316]

[SSR Item No.39.42, Page No.316]

5471.00

TOTAL RATE Rs.

5471.00

Per Sq.m

ITEM NO. 25 :-

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DIRECTOR
 Agro Future Farmer

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DIRECTOR



25) Providing and fixing on walls/ceiling/floor 20 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.

[SSR Item No.42.56, Page No.351]

	285.00	
TOTAL RATE Rs.	285.00	Per Rgm

ITEM NO. 26 :-

26) Providing and fixing H.D.P container Syntex or alike one piece moulded water tank made out of high density polythylar and built corrugated inclusive of delivery up to destination hoisting and fixing of accessories such as inlet,outlet overflow pipe inclusive of all tanks capacity between 200 to 1000 liters

[SSR Item No.42.53, Page No.350]

	13.00	
TOTAL RATE Rs.	13.00	Per lit

ITEM NO. 27 :-

27) Turbo Ventilator 24" : Providing and fixing wind operated turbo ventilator system of various sizes over the existing roof including

[SSR I.No. 42 on P.No. 374]

	8680.00	
TOTAL RATE Rs.	8680.00	Nos



Gaurav

Er. Gaurav D. Dorik (B.E. Civil)
 Consulting Engineer
 Shirpur, Tal. Shirpur
 Dist-Dhule.
 Reg.No-TPD/RPD/143

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DIRECTOR

Agro Future Farmer

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DIRECTOR



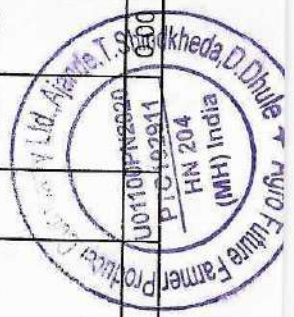
Work :- Construction of 500 MT Warehouse Unit with Ancillary work For Agro Futures Farmers Producer Company Limited" at -Walkheda in Gat No. 391 , Tal-Shindkheda , Dist-Dhule Under

मा. बाळासाहेब ठाकरे कृषी व्यवसाय आणि शामीण परिवर्तन (स्मार्ट) योजनाजागतिक बँक सहायत उपक्रम

MATERIAL COMPONENT

Description	Total Qty.	Unit	Cement		Metal 40mm and Above		Metal 40mm and Below		Sand		Steel		Bricks		SM / HM	
			Const. Val	Qty	Const. Val	Quantity	Const. Val	Qty	Const. Val	Qty	Const. Val	Qty	Const. Val	Qty	Const. Val	Qty
Providing dry/trap/granite/quartzite/ gneiss rubble stone of 15 cm to 20 cm thick including hand-packing and compacting etc. complete. (SSR)	31.05	Cum	1.20	37.26												
Providing in plinth and floors with contractors material/brought outside and approved by engineer in-charge in layers of 10 cm to 20 cm including tamping and compaction etc. complete.	247.05	Cum														
Providing and laying Cast in Ready Mix cement concrete of 10 of trap/granite/quartzite/ gneiss metal for	31.05	Cum	0.22	6.83	0.90	27.95	0.470	14.59							1.20	296.46
Providing and laying in situ Ready Mix cement concrete of 10 of trap/granite/quartzite/ gneiss metal for R.C.C. work in sections like raft, strip foundations, grillage and columns of R.C.C. columns and stanchions etc.	8.28	Cum	0.035	0.29	0.90	7.45	0.425	3.52								

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Agro Futures Farmers Producer Company Limited, Walkheda, D. Dhule, MH India. Item No. 21.37, Page 041.705.00/C.000

B. WEIGHING AUTOMATION SCALE

Name of work :- Construction of One Room Building and Pit For Industrial Process Weighing Automation Scale For "Agro Futures Farmers Producer Company Limited" at -Walkheda in Gat No.391 , Tal-Shindkheda , Dist- Dhule Under

मा.बाळासाहेब ठाकरे कृषी व्यवसाय आणि ग्रामीण परिवर्तन (स्मार्ट) योजना
जागतिक बँक सहायत उपक्रम



Measurement Sheet

It.No.	Item of Work	No	Lenth	Breadth	Depth	Qty	T.Qty
1.0	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 1.5 m.) By Mechanical Means [SSR Item No.21.02, Page No.259]						
	For Room C1 to C4	4	1.500	1.500	1.500	13.500	13.500
							Cum
2.0	Excavation for foundation in earth, soils of all types, sand,gravel and soft murum, including removing the excavated material upto a 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 from 1.5m to 3.0m) By Mechanical Means [SSR Item No.21.04, Page No.187]						
	For Room C1 to C4	4	1.500	1.500	0.300	2.700	2.700
							Cum
3.0	Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting etc. complete. (SSR Item No.21.38, Page No.192)						
	For Room C1 to C4	4	1.500	1.500	0.10	0.900	113.138
	For Room	1	4.57	3.05	0.10	1.394	
	For Weighing Plate	1	10.00	3.00	0.10	3.000	
	For Parking	1	18.96	18.96	0.30	107.844	
							Cum
4.0	Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15 cm to 20 cm including watering and compaction etc. complete. [SSR Item No.21.37, Page No.191]						
	For Room	1	4.57	3.05	0.35	4.878	223.050
	For Weighing Plate	1	10.00	3.00	2.00	60.000	
	For Parking	1	18.96	18.96	0.44	158.172	
							Cum
5.0	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 (Natural Sand / Crushed sand VSI Grade finely washed etc) [SSR Item No.24.01, Page No. 217]						
	For Room C1 to C4	4	1.50	1.50	0.10	0.900	5.294
	For Room	1	4.57	3.05	0.10	1.394	
	For Weighing Plate	1	10.00	3.00	0.10	3.000	
							Cum

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DIRECTOR
Farmer



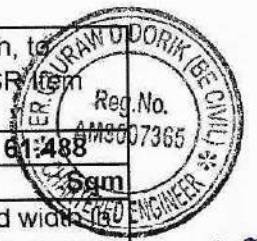


6.0	Providing and laying in situ /Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. columns and steel stanchions etc. including bailing out water, Steel centering formwork, laying/pumping 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 micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc) [SSR Item No.25.11, Page No.222]							
	Ist Portion	C1 to C4	4	1.20	1.20	0.25	1.440	4.725
			4	0.75	0.75	0.20	0.450	
	II nd Portion	C1 to C4	6	1.20	1.20	0.25	2.160	0.675
			6	0.75	0.75	0.20	0.675	
Cum								
7.0	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 drawing 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),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 (Natural Sand / Crushed sand VSI Grade finely washed etc) [SSR Item No.25.31, Page No.224]							
	Upto Ground Level		4	0.23	0.38	1.10	0.385	2.930
	Upto Plinth Level		4	0.23	0.38	0.60	0.210	
	Up above plinth Level		4	0.23	0.38	3.08	1.077	1.259
	Column Of Weighing Plate		6	0.23	0.38	2.40	1.259	
Cum								
8.0	Providing and laying Cast in situ/Ready Mix cement concrete M-20 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, compactionand roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel). 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 (Natural Sand / Crushed sand VSI Grade finely washed etc) [SSR Item No.25.50, Page No.225]							
	Plinth Beams- B1		2	4.270	0.230	0.300	0.589	2.391
	B2		2	3.050	0.230	0.300	0.421	
	Floor Beams- B1		2	4.270	0.230	0.260	0.511	0.365
	B2		2	3.050	0.230	0.260	0.365	
	Lintel Beams- B1		2	4.270	0.230	0.150	0.295	0.210
	B2		2	3.050	0.230	0.150	0.210	
	Cum							
9.0	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centering, formwork, cover blocks compacting , curing , finishing and roughening the surface if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel),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 (Natural Sand / Crushed sand VSI Grade finely washed etc) [SSR Item No.26.05, Page No. 230]							
	C/W Chajja		1	3.05	0.45	0.075	0.10	0.391
	Front Chajja		2	4.27	0.45	0.075	0.29	
	Cum							

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DIRECTOR

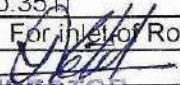
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DIRECTOR





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16.0	Providing cement plaster 20mm thick in two coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc. Complete. [SSR Item No.32.07, Page No.256]						
	L/W	2	5.030	3.600	36.216	61.488	Sqm
	C/W	2	3.510	3.600	25.272		Sqm
17.0	Providing and laying Rough Shahabad Stone Flooring 50mm to 60mm thick and of required width plain/ diamond pattern on a bed of 1:6 C.M. including cement float, striking joints, pointing in cement mortar 1:3 curing and cleaning etc. etc. complete. [SSR Item No.33.03, Page No.261]						
	Inside of Godown	1	4.570	3.050	13.939	13.939	Sqm
							Sqm
18.0	Providing and fixing mild steel grill work for windows, ventilators etc. 20 kg/sqm as per drawing including fixtures, necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete. [SSR Item No.40.01, Page No.329]						
	W1	3	1.200	1.200	4.320	4.320	Sqm
							Sqm
19.0	Providing and applying plastic emulsion paint of approved quality, colour and shade to old and new surfaces in two coats including scaffolding, preparing the surface. (excluding the primer coat)etc. complete. [SSR Item No.36.12, Page No.285]						
	Qty Same as Itwm No.15					51.925	Sqm
							Sqm
20.0	Providing and applying two coats of water proof cement paint of approved manufacture and of approved colour to the plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days etc. complete. [SSR Item No.35.13, Page No.281]						
	Qty Same as Item No.16					61.488	Sqm
							Sqm
21.0	Providing and fixing rolling shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate of 3.15 mm thickness reinforced with 35 x 35 x 5 mm angle section fitted with sliding bolts and handles for both sides, deep M.S. channel section of depth and thickness not less than 65 mm and 3.15 mm respectively with hold fast arrangements, M.S. Bracket plate 300 x 300 x 3.15 mm minimum size and shape with square bar, suspension shaft of minimum 32 mm diameter, hood cover of M.S. sheet not less than 0.9 mm 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.311]						
	Rs1	1	0.780	1.950	1.521	1.521	Sqm
							Sqm
22.0	Providing and fixing screw down 15 mm dia. wheeled stop tap of brass including necessary sockets/union nut complete [SSR Item No.41.43, Page No.337]						
		0				0.000	No.
							No.
23.0	Providing and fixing in position (as per 1868 / 1982) Aluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm at weight 0.637 kg/Rmt. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 kg/Rmt. Top and side track section 92 x 31.75 x 1.30 mm at weight 0.933 kg/Rmt. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 kg/Rmt. and handle and top section 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. As per detailed drawings and as directed by Engineerincharge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass and aluminium mosquito net shutter with stainless steel jail with all required screws and nuts etc, complete. With colour Anodising without box [SSR Item No.39.42, Page No.316]						
	W1	3	1.150	1.150	3.968	3.968	Sqm
							Sqm
24.0	Providing and fixing on walls/ceiling/floor 20 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete. [SSR Item No.42.56, Page No.351]						
	For inlet of Roof Tank	1	0.000			0.000	Rgm
							Rgm


 DIRECTOR
 Asst. Future Farmer



25.0	Providing and fixing H.D.P container Syntex or alike one piece moulded water tank made out of high density polythylene and built corrugated inclusive of delivery up to destination hoisting and fixing of accessories such as inlet, outlet overflow pipe inclusive of all tanks capacity between 200 to 1000 liters [SSR Item No.42.53, Page No.350]					
	Water Tank	1	0.000			0.000
						Lit
26.0	Qty. of Material Utilised for Royalty for Sand as per statement attached.					
27.0	Qty. of Material Utilised for Royalty for Metal & Murum as per statement attached.					

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Gaurav D. Dorik
Er. Gaurav D. Dorik (B.E. Civil)
 Consulting Engineer
 Shirpur, Tal. Shirpur
 Dist-Dhule.
 Reg.No.-TPD/TPD/143

[Signature]
DIRECTOR
 Also Future Farmer

[Signature]
DIRECTOR



Name of work :- Construction of One Room Building and Pit For Industrial Process Weighing Automation Scale For "Agro Futures Farmer Producer Company Limited at-Walkheda in Gat No.391, Tq. Shindkheda, Dist. Dhule Under

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बाळासाहेब ठाकरे कृषी व्यवसाय आणि ग्रामीण परिवर्तन (स्मार्ट) योजना
जागतिक बँक सहायत उपक्रम

Certificate for DSR of work

The estimate prepared is as per **Public Works State Schedule of Rates for the year 2021-2022**. The work will be carried out as per standard Specifications in pink book and as directed by Engineer in charge.



Er. Gaurav D. Dorik (B.E. Civil)
Consulting Engineer
Shirpur, Tal. Shirpur
Dist-Dhule.
Reg.No-TPD/RPD/143

DIRECTOR
Agro Futures Farmer
Company Limited





Name of work :- Construction of One Room Building and Pit For Industrial Process Weighing Automation Scale
 For "Agro Futures Farmers Producer Company Limited" at -Walkheda in Gat No.391 , Tal-Shimkheda, Dist. Dhule Under

मा.बाळासाहेब ठाकरे कृषी व्यवसाय आणि ग्रामीण परिवर्तन (स्मार्ट) योजनाजागतिक बँक सहायत उपक्रम
Abstract Sheet

Sr.No.	Description	Quantity	Unit	Rate	Amount
1.0	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 1.5 m.) By Mechanical Means [SSR Item No.21.02, Page No.259] 193.00/Cum	13.50	Cum	193.00	2605.50
2.0	Excavation for foundation in earth, soils of all types, sand, gravel and soft-murum, including removing the excavated material up to a distance of 50 meters 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 from 1.5m to 3.0m) By Mechanical Means [SSR Item No.21.04, Page No.189] 258.00/Cum	2.70	Cum	241.00	650.70
3.0	Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand-packing and compacting etc. complete. (SSR Item No.21.38, Page No.194) 1382.00/Cum	113.14	Cum	1815.90	205447.89
4.0	Filling in plinth and floors with contractors material/brought from outside and approved by Engineer in-charge in layers of 15 cm to 20 cm including watering and compaction etc. complete. [SSR Item No.21.37, Page No.194] 795.00/Cum	223.05	Cum	730.90	163028.41
5.0	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 centring, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing 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 (Natural Sand / Crushed sand VSI Grade finely washed etc.) [SSR Item No.24.01, Page No. 215] 5830.00/Cum	5.29	Cum	5499.89	29115.59

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 DIRECTOR
 Agro Futures Farmer
 Producer Company Limited

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 DIRECTOR
 Agro Futures Farmer
 Producer Company Limited





6.0	<p>Providing and laying in situ /Ready Mix cement concrete M-20 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 centring 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 (Natural Sand / Crushed sand VSI Grade finely washed etc) [SSR Item No.25.11, Page No.219] 7104.00/cum</p>	4.73	Cum	6481.33	30624.28
					0.00
7.0	<p>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 drawing 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).with fully automatic microprocessor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc.) [SSR Item No.25.31, Page No.221] 13783.00/cum</p>	2.93	Cum	12170.23	35654.49
8.0	<p>Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centring, 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 (Natural Sand / Crushed sand VSI Grade finely washed etc) [SSR Item No.25.50, Page No.223] 12269.00/cum</p>	2.39	Cum	10816.63	25859.45
					0.00

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DIRECTOR



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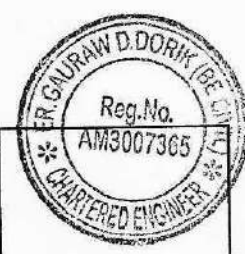


13.0	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in plinth as backing in composite masonry including bailing out water manually, striking joints, raking out joints and watering etc Complete. SSR I.NO. 27.03 @ 7116.00 Per Cum	1.01	Cum	7473.45	
14.0	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.242] 7994.00/Cum	8.94	Cum	7927.45	70892.62
15.0	Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing etc. complete.[SSR Item No.32.04, Page No.256] 278.00/Sqm	51.925	Sqm	271.32	14088.16
16.0	Providing internal cement plaster 20mm thick in two coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc. Complete. [SSR Item No.32.07, Page No.256] 382.00/Sqm	61.488	Sqm	377.01	23181.59
17.0	Providing and laying Rough Shahabad Stone Flooring 50mm to 60mm thick and of required width in plain/ diamond pattern on a bed of 1:6 C.M. including cement float, striking joints, pointing in cement mortar 1:3 curing and cleaning etc. etc. complete. [SSR Item No.33.03, Page No.261] 900.00/Sqm	274.500	Sqm	846.00	232227.00
18.0	Providing and fixing mild steel grill work for windows, ventilators etc. 20 kg/sq.m as per drawing including fixtures, necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete. [SSR Item No.40.01, Page No.329] 2097.00/Sqm	4.320	Sqm	1845.00	7970.40
19.0	Providing and applying plastic emulsion paint of approved quality, colour and shade to old and new surfaces in two coats including scaffolding, preparing the surface. (Excluding the primer coat) etc. complete. [SSR Item No.36.12, Page No.280], 80.00/Sqm	51.925	Sqm	70.00	3634.72
20.0	Providing and applying two coats of water proof cement paint of approved manufacture and of approved colour to the plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days etc. complete. [SSR Item No.35.13, Page No.276], 79.00/Sqm	61.488	Sqm	74.00	4550.11

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DIRECTOR

[Signature]
DIRECTOR





21.0	<p>Providing and fixing rolling shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate of 3.15 mm thickness reinforced with 35 x 35 x 5 mm angle section fitted with sliding bolts and handles for both sides, deep M.S. channel section of depth and thickness not less than 65 mm and 3.15 mm respectively with hold fast arrangements, M.S. Bracket plate 300 x 300 x 3.15 mm minimum size and shape with square bar, suspension shaft of minimum 32 mm diameter, hood cover of M.S. sheet not less than 0.9 mm 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.307], 4829.00/Sqm</p>	1.521	Sqm	4310.00	6555.51
22.0	<p>Providing and fixing screw down 15 mm dia. wheeled stop tap of brass including necessary sockets/union nut complete [SSR Item No.41.43, Page No.337], 516.00/No.</p>	0.000	No	468.00	0.00
23.0	<p>Providing and fixing in position (as per 1868 / 1982) Aluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm at weight 0.637 kg/Rmt. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 kg/Rmt.. Top and side track section 92 x 31.75 x 1.30 mm at weight 0.933 kg/Rmt. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 kg/Rmt. and handle and top section 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. As per detailed drawings and as directed by Engineer-in-charge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self-locking catch fitted in vertical section of shutter including 5 mm thick plain glass and aluminium mosquito net shutter with stainless steel jail with all required screws and nuts etc., complete. With colour anodising without box [SSR Item No.39.42, Page No.316]</p>	3.968	Sqm	5471.00	21706.19
24.0	<p>Providing and fixing on walls/ceiling/floor 20 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete. [SSR Item No.42.56, Page No.349], 310.00/Rgm.</p>	0.000	Rgm	285.00	0.00

[Signature]
DIRECTOR

MAHAKORSE
DIRECTOR
Farmer



25.0	Providing and fixing H.D.P container one piece moulded water tank made out of high density polythylar and built corrugated inclusive of delivery up to destination hoisting and fixing of accessories such as inlet, outlet overflow pipe inclusive of all tanks capacity between 200 to 1000 litres [SSR Item No.42.53, Page No.349], 14.00/Lit.	0.000	Ltr	13.00	0.00
26	Sand Royalty Charges for this work.As per Government Of Maharashtra Revenue and Forest Departments Gazette No. 146 Dt. 04 June 2021, States that the Royalty Charges of Rs.600/- Per Brass (i.e. Rs.211.95/Cu.M.) are to be considered. The surcharge levied on Royalty shall also be payable to the contractor.	13.33	Cum	237.37	3162.96
27	Other Minerals Royalty Charges for this work.As per Government Of Maharashtra Revenue and Forest Departments Gazette No. 146 Dt. 04 June 2021, States that the Royalty Charges of Rs.600/- Per Brass (i.e. Rs.211.95/Cu.M.) are to be considered. The surcharge levied on Royalty shall also be payable to the contractor.	152.84	Cum	216.18	33041.45
Total					1041272.38

SAY Rs. 10.41 Lakhs



Gaurav D. Dorik
Er. Gaurav D. Dorik (B.E. Civil)
 Consulting Engineer
 Shirpur, Tal. Shirpur
 Dist-Dhule.
 Reg.No-TPD/RPD/143

[Signature]
DIRECTOR
 Agro Future Farmer

[Signature]
DIRECTOR



Work :- Construction of One Room Building and Pit For Industrial Process Weighing Automation Scale For "Agro Futures Farmers Producer Company Limited" at -Walkheda in Gat No.391, Tal-Shindkheda, Dist-Dhule Under

मा.बाळासाहेब ठाकरे कृषी व्यवसाय आणि ग्रामीण परिवर्तन (स्मार्ट) योजनाजागतिक बँक सहायत उपक्रम

MATERIAL COMPONENT

Description	Total Qty.	Unit	Cement		Metal 40mm and Above		Metal 40mm and Below		Sand		Steel		Bricks		SM / HM	
			Const. Val	Qty	Const. Val	Qty	Const. Val	Qty	Const. Val	Qty	Const. Val	Qty	Const. Val	Qty	Const. Val	Qty
Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone of 15 cm to 20 cm thick including hand-packing and compacting etc. complete. (SSR)	113.14	Cum			1.20	135.77										
Working in plinth and floors with contractors material/brought outside and approved by engineer in-charge in layers of 15 cm to 20 cm including tamping and compaction etc. complete.	223.05	Cum														
Item No.21.37, Page 94] 795.00/Cum																
Providing and laying Cast in Ready Mix cement concrete of 10 of trap/ granite/ quartzite/ gneiss metal for	5.29	Cum	0.22	1.16			0.90	4.76	0.470	2.49						1.20
Providing and laying in situ Ready Mix cement concrete M-10 of trap / granite /quartzite/ metal for R.C.C. work in foundations like raft, strip	4.73	Cum		0.00												
Providing and laying in situ Ready Mix cement concrete M-10 of trap / granite /quartzite/ metal for R.C.C. work in foundations like raft, strip including grillage and	4.73	Cum		0.00												
Item No.21.37, Page 94] 795.00/Cum																

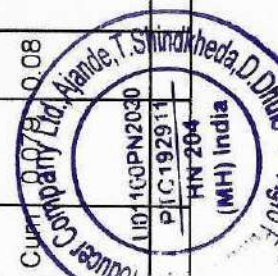
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Agro Futures Farmers Producer Company Limited, Walkheda-425403



viding and laying Cast in /Ready Mix cement concrete /O of trap / granite /quartzite/ iss metal for R.C.C. columns per detailed designs and ming or as directed	2.93	Cum	0.035	0.10	0.90	2.64	0.425	1.25											
viding and laying Cast in /Ready Mix cement concrete /O of trap / granite /quartzite/ iss metal for R.C.C. beams lintels as per detailed signs and drawings or as cted	2.39	Cum	0.035	0.08	0.90	2.15	0.425	1.02											
viding and laying Cast in /Ready Mix cement concrete /O of trap/ granite/ quartzite/ iss metal for R.C.C. chajja as detailed design and drawings	0.39	Cum	0.035	0.01	0.90	0.35	0.425	0.17											
viding and laying Cast in /Ready Mix cement crete M-20 of trap/ rite / quartzite/ gneiss al for R.C.C. slabs and lings as per detailed gns and drawings	2.12	Cum	0.035	0.07	0.90	1.91	0.425	0.90											
viding second class Burnt < masonry with entional/ L.S. type bricks in ent mortar 1:6 in gner and plinth of in	1.01	Cum	0.035	0.08															



Producer Company Ltd. Alande, T. Shindkheda, D. Dhule (MH) India
 110/100PN2030
 PIN 425403
 Director
 Agro Future Farmer
 Producer Company Limited
 Alande, Tal. Shindkheda-425403
 Dist. Dhule (MH) (India)

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ing Second class Burnt masonry with intentional/ I.S. type bricks in cement mortar 1:6 in structure including s	8.94	Cum	0.079	0.71					0.320	2.86			0.475	4.25		
ing internal cement er 12mm thick in single coat cement mortar 1:4 without u finish to concrete or brick	51.92	Sqm	0.012	0.62					0.015	0.78						
ing internal cement er 20mm thick in two coats cement mortar 1:4 without u finish, to concrete, brick	61.49	Sqm	0.012	0.74					0.025	1.54						
ing and fixing in position - FE - 500 bar				0.00												
forcement of various eters for R.C.C. pile caps, ngs, foundations, slabs, ms columns, canopies, case, newels, chajjas, lintels is, copings, fins, arches etc. er detailed designs, wngs and schedules. dng cutting, bending, king the bars, binding with s or tack welding and porting as required	1.10	Sqm		0.00								1.000	1.10			
plete. [SSR Item No.26.33, e No.233] 89703.00/MT	478.50	Total Quantity		3.75						135.77		16.06		4.73		267.66

13.33 Cum
237.4 x 3163

Alande, T. Shinghed, D. Dist. Dhule

Quantity of Sand For Royalty
Royalty of Royalty for Sand
Royalty Limited

4022 NH
11-13-13
11-13-13

17/11/2013

14-425/03

Quantity of other items For Royalty 152.84 Cum 419.49 Cum
Amount of Royalty for Other minerals @ Rs 419.49 x 216.2 90685

Amount of Royalty in Rs. 93848.43



E Dorik
Er. Gaurav D. Dorik (B.E. Civil)
Consulting Engineer
Shirpur, Tal. Shirpur
Dist-Dhule.
Reg. No-TP/2009/143



Dorik
DIRECTOR
Agro Future Company Limited
Ajanta, T. Shindkheda, Dist. Dhule
1977
25403
Distributor (Ajanta, Dhule)

Name of work :- Construction of One Room Building and Pit For Industrial Process Weighing Automation Scale For "Agro Futures Farmers Producer Company Limited" at -Walkheda in Gat No.391 , Tal- Shindkheda , Dist- Dhule Under

मा.बाळासाहेब ठाकरे कृषी व्यवसाय आणि ग्रामीण परिवर्तन (स्मार्ट) योजनाजागतिक बँक सहायत



S.No	MATERIAL	KM.	LEAD	INITIAL	NET
(1)	CEMENT	5.00	148.81	0.00	148.81
(2)	SAND	16.00	368.88	0.00	368.88
(3)	CR METAL	15.00	355.50	0.00	355.50
(4)	40MM METAL CB	15.00	340.69	0.00	340.69
(5)	BRICKS	10.00	479.26	0.00	479.26
(6)	SOLING/RUBBLE	15.00	434.92	0.00	434.92
(7)	STEEL	5.00	148.81	0.00	148.81
(8)	HARD MURUM	3.00	192.42	0.00	192.42

RATE ANALYSIS [SSR OF 2021-2022]

I.No	DESCRIPTION OF ITEM	QTY.	NET LEAD	RATE/UNIT
ITEM NO. 1 :-				
1)	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 SSR OF 2021-2022 ITEM NO. 21.02			193.00
TOTAL RATE Rs.				193.00 Per Cu.M.
ITEM NO. 2 :-				
2)	Excavation for foundation in hard murum including removing the excavated material 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, SSR OF 2021-22 ITEM NO. 21.06			241.00
TOTAL RATE Rs.				241.00 Per Cu.M.
ITEM NO. 3 :-				
3)	Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting etc. complete. Bd.A. 12 Page No. 264 SSR OF 2021-22 ITEM NO. 21.38 ADD LEAD CHARGES FOR RUBBLE	1.20000	434.92	1294.00 521.90
TOTAL RATE Rs.				1815.90 Per Cu.M.
ITEM NO.4 :-				
4)	Filling in plinth and floors with contractors material/brought from outside and approved by Engineer in-charge in layers of 15 cm to 20 cm including watering and compaction etc. complete.[SSR Item No.21.37, Page No.194] 795.00/Cum [SSR Item No.21.37, Page No.194] 795.00/Cum			500.00

DIRECTOR

DIRECTOR



ADD LEAD CHARGES FOR HM

1.20000

192.42

230.90

TOTAL RATE Rs.

730.90



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5) 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 (Natural Sand / Crushed sand VSI Grade finely washed etc) Bd. E. 1 Page No. 287 [NOTE:- WITHOUT/NON SCADA]

SSR OF 2021-22 ITEM NO. 24.01

5538.00

DEDUCT FOR NON SCADA

10%

-553.80

4984.20

ADD LEAD CHARGES FOR CEMENT

0.220

148.81

32.74

ADD LEAD CHARGES FOR SAND

0.470

368.88

173.37

ADD LEAD CHARGES FOR CR METAL

0.200

355.50

71.10

ADD LEAD CHARGES FOR 40MM METAL CB

0.700

340.69

238.48

TOTAL RATE Rs.

5499.89

Per Cu.M.

ITEM NO. 6 :-

6) Providing and laying in situ /Ready Mix cement concrete M-20 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

SSR OF 2021-22 ITEM NO. 25.11

6666.00

DEDUCT FOR NON SCADA

10%

-666.60

5999.40

ADD LEAD CHARGES FOR CEMENT

0.035

148.81

5.21

ADD LEAD CHARGES FOR SAND

0.425

368.88

156.77

ADD LEAD CHARGES FOR CR METAL

0.900

355.50

319.95

TOTAL RATE Rs.

6481.33

Per Cu.M.

ITEM NO. 7 :-


DIRECTOR
Agro Future Farmer

DIRECTOR





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7) 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 drawing 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).with fully automatic micro processor based PLC with SCADA enabled

			12987.00
	10%		-1298.70
			11688.30
ADD LEAD CHARGES FOR CEMENT	0.035	148.81	5.21
ADD LEAD CHARGES FOR SAND	0.425	368.88	156.77
ADD LEAD CHARGES FOR CR METAL	0.900	355.50	319.95

TOTAL RATE Rs. 12170.23 Per Cu.M.

ITEM NO. 8 :-

8) Providing and laying Cast in situ/Ready Mix cement concrete M-20 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 micro processor based PLC with

			11483.00
	10%		-1148.30
			10334.70
ADD LEAD CHARGES FOR CEMENT	0.035	148.81	5.21
ADD LEAD CHARGES FOR SAND	0.425	368.88	156.77
ADD LEAD CHARGES FOR CR METAL	0.900	355.50	319.95

TOTAL RATE Rs. 10816.63 Per Cu.M.

ITEM NO. 9 :-

9) Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centring, formwork, cover blocks compacting , curing , finishing and roughening the surface if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel).with fully automatic microprocessor based PLC with SCADA

[SSR Item No.26.05, Page No. 230]
DEDUCT FOR NON SCADA

			13111.00
	10%		-1311.10
			11799.90
ADD LEAD CHARGES FOR CEMENT	0.035		5.21
ADD LEAD CHARGES FOR SAND	0.425	368.88	156.77
ADD LEAD CHARGES FOR CR METAL	0.900	355.50	319.95

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DIRECTOR
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TOTAL RATE Rs. 12281.83 Per Cu.M.



ITEM NO. 11 :-

10) Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings including steel

SSR I.NO. 25.70 @ 13943.00 Per Cum
DEDUCT FOR NON SCADA

ADD LEAD CHARGES FOR CEMENT
ADD LEAD CHARGES FOR SAND
ADD LEAD CHARGES FOR CR METAL

			13943.00
	10%		-1394.30
			12548.70
	0.000	0.00	0.00
Cum		NET LEAD	0.00
Cum		0.00	0.00

TOTAL RATE Rs. 12548.70 Per Cu.M.

ITEM NO. 11 :-

11) 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. Bd.F.17, Page No. 306

SSR OF 2021-22 ITEM NO. 26.33
ADD LEAD CHARGES FOR STEEL

			71778.00
	1.00	148.81	148.81

TOTAL RATE Rs. 71926.81 Per M.T.

ITEM NO. 12 :-

12) Providing and fixing in position HCRM / CRS (Corrosion Resistant Steel) 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 [SSR Item No.26.34, Page No.306]

83326.00
TOTAL RATE Rs. 83326.00 Per M.T.

ITEM NO. 13 :-

13) Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in plinth as backing in composite masonry including bailing out water manually, striking joints, raking out joints and watering etc Complete. SSR I.NO. 27.03 @ [SSR Item No.27.03, Page No.314]

ADD LEAD CHARGES FOR CEMENT
ADD LEAD CHARGES FOR SAND
ADD LEAD CHARGES FOR BRICKS

			7116.00
	0.07900	148.81	11.76
	0.32000	368.88	118.04
	0.47500	479.26	227.65

TOTAL RATE Rs. 7473.45 Per Cu.M.

ITEM NO. 14 :-

[Signature]
DIRECTOR
Agro Future Farmer



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14) 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.246]

			7570.00
[SSR Item No.27.05, Page No.315]			
ADD LEAD CHARGES FOR CEMENT	0.07900	148.81	11.76
ADD LEAD CHARGES FOR SAND	0.32000	368.88	118.04
ADD LEAD CHARGES FOR BRICKS	0.47500	479.26	227.65

TOTAL RATE Rs. 7927.45 Per Cu.M.

ITEM NO. 15 :-

15) Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing etc. complete.[SSR Item No.32.04, Page No.256]

			264.00
[SSR Item No. 32.04, Page no.256]			
ADD LEAD CHARGES FOR CEMENT	0.01200	148.81	1.79
ADD LEAD CHARGES FOR SAND	0.01500	368.88	5.53

TOTAL RATE Rs. 271.32 Per Sq.M.

ITEM NO. 16 :-

16) Providing cement plaster 20mm thick in two coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc. Complete. [SSR Item No.32.07, Page No.256]

			366.00
[SSR Item No.32.07, Page No.256]			
ADD LEAD CHARGES FOR CEMENT	0.01200	148.81	1.79
ADD LEAD CHARGES FOR SAND	0.02500	368.88	9.22

TOTAL RATE Rs. 377.01 Per Sq.M.

ITEM NO. 17 :-

17) Providing and laying Rough Shahabad Stone Flooring 50mm to 60mm thick and of required width in plain/ diamond pattern on a bed of 1:6 C.M. including cement float, striking joints, pointing in cement mortar 1:3 curing and cleaning etc. etc. complete. [SSR Item No.33.03, Page No.261]

[SSR Item No.33.03, Page No.261] **846.00**

TOTAL RATE Rs. 846.00 Per Sq.m

ITEM NO. 18 :-

18) Providing and fixing mild steel grill work for windows, ventilators etc. 20 kg/sqm as per drawing including fixtures, necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete. [SSR Item No.40.01, Page No.329]

[Signature]
DIRECTOR
 Future Farmer



166

1845.00

TOTAL RATE Rs.

1845.00



ITEM NO. 19 :-

- 19) Providing and applying plastic emulsion paint of approved quality, colour and shade to old and new surfaces in two coats including scaffolding, preparing the surface. (excluding the primer coat)etc. complete. [SSR Item No.36.12, Page No.285]

[SSR Item No.36.12, Page No.285]

70.00

TOTAL RATE Rs.

70.00

Per Sq.m

ITEM NO. 20 :-

- 20) Providing and applying two coats of water proof cement paint of approved manufacture and of approved colour to the plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days etc. complete. [SSR Item

[SSR Item No.35.13,Page No.281]

74.00

TOTAL RATE Rs.

74.00

Per Sq.m

ITEM NO. 21 :-

- 21) Providing and fixing rolling shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate of 3.15 mm thickness reinforced with 35 x 35 x 5 mm angle section fitted with sliding bolts and handles for both sides, deep M.S. channel section of depth and thickness [SSR Item No.39.24, Page No.311]

4310.00

TOTAL RATE Rs.

4310.00

Per Sq.m

ITEM NO. 22 :-

- 22) Providing and fixing screw down 15 mm dia. wheeled stop tap of brass including necessary sockets/union nut complete

[SSR Item No.41.43, Page No.337]

468.00

TOTAL RATE Rs.

468.00

Nos

ITEM NO. 23 :-

- 23) Providing and fixing in position (as per 1868 / 1982) Aluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm at weight 0.637 kg/Rmt. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 kg/Rmt. Top and side track section 92 x 31.75 x 1.30 mm at weight 0.933 kg/Rmt. The shutter should be of bearing

[SSR Item No.39.42, Page No.316]

5471.00

TOTAL RATE Rs.

5471.00

Per Sq.m

ITEM NO. 24 :-

- 24) Providing and fixing on walls/ceiling/floor 20 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.

[SSR Item No.47.26, Page No.351]

285.00

M. Thekase
DIRECTOR
 Agriculture Farmer



167
Per Rgm

TOTAL RATE Rs. 285.00

ITEM NO. 25 :-

- 25) Providing and fixing H.D.P container Syntex or alike one piece moulded water tank made out of high density polythylar and built corrugated inclusive of delivery up to destination hoisting and fixing of accessories such as inlet,outlet overflow pipe inclusive of all tanks capacity between 200 to 1000 liters

[SSR Item No.42.53, Page No.350]

TOTAL RATE Rs. 13.00
TOTAL RATE Rs. 13.00

Per lit



Gaurav
Er. Gaurav D. Dorik (B.E. Civil)
 Consulting Engineer
 Shirpur, Tal. Shirpur
 Dist-Dhule.
 Reg.No-T277-2013

[Signature]
DIRECTOR
 Future Farmer

Mathel Kalse
DIRECTOR



168

Name of work :- Construction of 500 MT Warehouse Unit with Ancillary work For Agro Futures Farmers Producer Company Limited"at -Walkheda in Gat No. 391 , Tal-Shindkheda , Dist- Dhule Under

मा.बाळासाहेब ठाकरे कृषी व्यवसाय आणि ग्रामीण परिवर्तन (स्मार्ट) योजनाजागतिक बँक सहायत उपक्रम

QUARRY CHART

LEAD CHART [PWD SSR OF 2021-2022]

S.No	MATERIAL	KM.	LEAD	INITIAL	NET	REMARK
1)	CEMENT	5.0	148.81	0.00	148.81	
2)	SAND	16.0	368.88	0.00	368.88	
3)	CR METAL	15.0	355.50	0.00	355.50	
4)	40MM METAL CB	15.0	340.69	0.00	340.69	
5)	BRICKS	10.0	479.26	0.00	479.26	
6)	SOLING/RUBBLE	15.0	434.92	0.00	434.92	
7)	STEEL	5.0	148.81	0.00	148.81	
8)	HARD MURUM	3.0	192.42	0.00	192.42	
	0					

CERTIFICATE

Certified that I have visited the quarry sites & distance shown as lead is corrects & sufficient quantity will be available from quarry.



Gaurav D. Dorik
Er. Gaurav D. Dorik (B.E. Civil)
Consulting Engineer
Shirpur, Tal. Shirpur
Dist- Dhule.
Reg.No-TPD/RPD/143

[Signature]
DIRECTOR
Agro Futures Farmers
Producer Company Limited



Name of work :- Construction of 500 MT Warehouse Unit with Ancillary work For Agro Futures Farmers Producer Company Limited" at -Walkheda in Gat No. 391 , Tal-Shindkheda Dist- Dhule

Under

FREQUENCY TEST

Sr. No.	Item of work	Total Estimate Quantity	Type of test	Frequency of test	Total No. of test	No. of test to be carried out at site lab	No. Of carried out in nearest quality control lab of vigilance & Quality control circle dhule	Rate as per VCQ Nashik	Rate as per VCQ Nashuk (6 X 9)	
1	2	3	4	5	6	7	8	9	10	
1	Sand	65.60	a) Site test	1 test/Source	1	2	3	800	800	
			b) gradation	1 test/Source	1	2	3	1300	1300	
2	Crush Metal	60.47	a) water absorprtion	1 test/200 m3	1	4	3	2600	2600	
			b) Sieve Analysis	1 test/200 m3	1	4	3	690	690	
			c) Abration Value	1 test/200 m3	1	4	3	1170	1170	
			d) Flakiness index & Elongation index	1 test/200 m3	1	4	3	850	850	
			e) Stripping Value	1 test/200 m3	1	0	0	745	745	
			f) Soundness	1 test/200 m3	1	4	3	2495	2495	2495
			g) Bulk dencity	1 test/200 m3	1	4	3	300	300	
3	Cement	23.02	x) Stabdard consistancy Fineness, Specific Gravity Setting (Initial & Final), compressive strength	1 test/50 Tonnes	1	10	8	3770	3770	
4	Cement Concrete	52.74	Y) Compressive strength (Kg/Sqm)	f) Cement concret compressive strength Qty of 3 cubes upto section 5 cum-1 set 6-15 cum-2 set 16-30 cum-3 set 31/50 cum-4 set 51 and above-4 set + Addition for each additional 50 cum or part the of (per day)	9	18	18	690	6210	
			Upto 16 mm (Set of 3 Bars) 1 Test 1200	1 Test per 5 mt	1	1	1	1275	1275	


DIRECTOR

M. Thakare
DIRECTOR


Agro Futures Farmers Producer Company Ltd. Ajanta, Dist. Dhule
UO1100PN2020

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Agro Futures Farmers Producer Company Ltd. Ajanta, Dist. Dhule
UO1100PN2020

5	Steel	3.42	Above 16 mm (Set of 3 Bar) (Tensile strength, %, Elongation, Yield)	1 Test per 5 mt	0	0	0	1595	0
6	Bricks	52.36	Crushing Value, Water absorption, Efflorescences	1 Test per 50000 consignment or part	3	3	2	2175	6525
								Total Rs.	28730

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Gaurav Dorik
Er. Gaurav D. Dorik (B.E. Civil)
 Consulting Engineer
 Shirpur, Tal. Shirpur
 Dist-Dhule.
 Reg.No-TPD/RPD/143

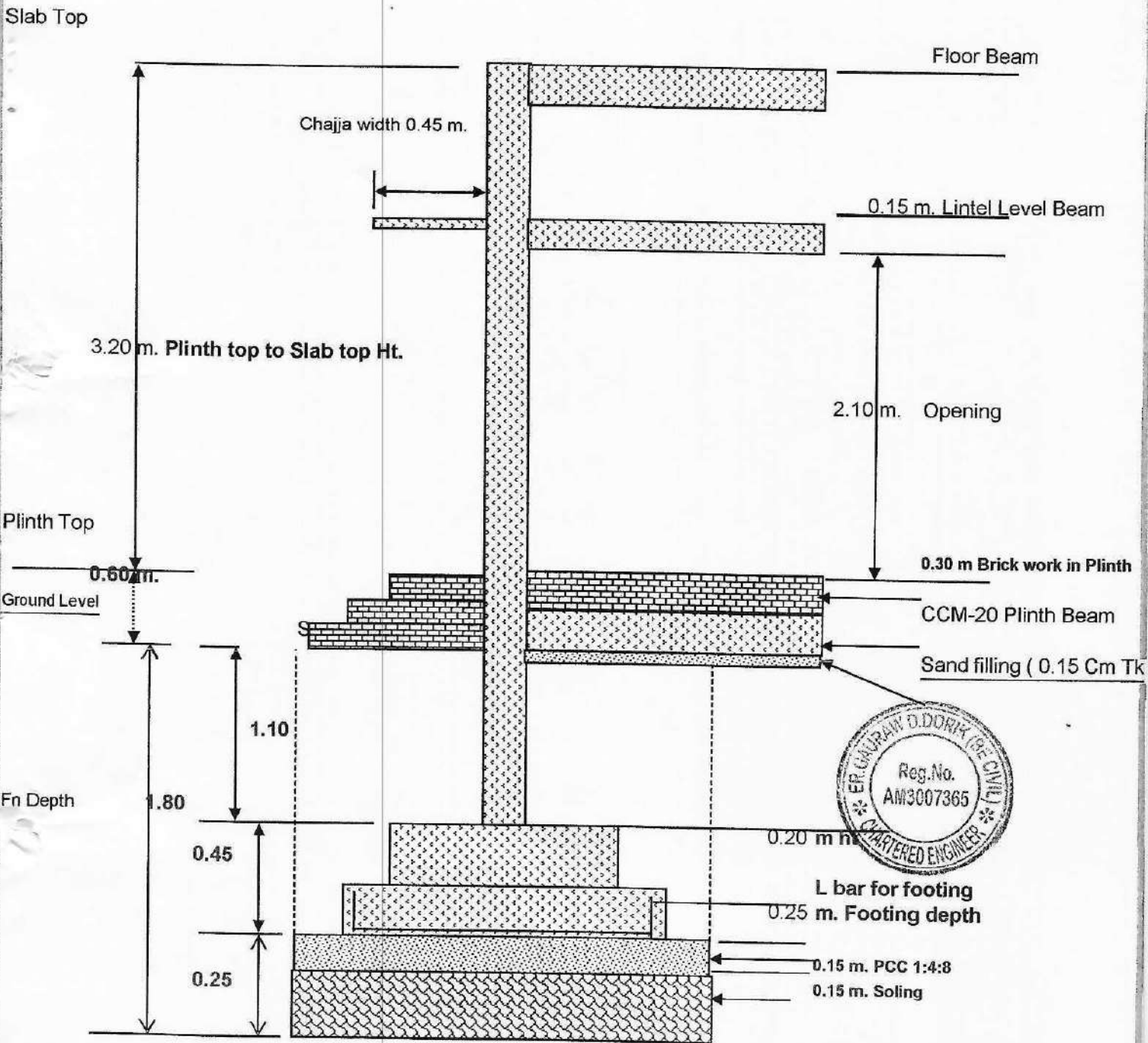
[Signature]
DIRECTOR
 Agro Future Farmer

[Signature]
DIRECTOR



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Name of work :- Construction of One Room Building and Pit For Industrial Process Weighing Automation Scale For "Agro Futures Farmers Producer Company Limited At- walkheda, in Gat No. 391, Tq. Shindkheda , Dist. Dhule Under बाळासाहेब ठाकरे कृषी व्यवसाय आणि ग्रामीण परिवर्तन (स्मार्ट) योजना जागतिक बँक सहायत उपक्रम



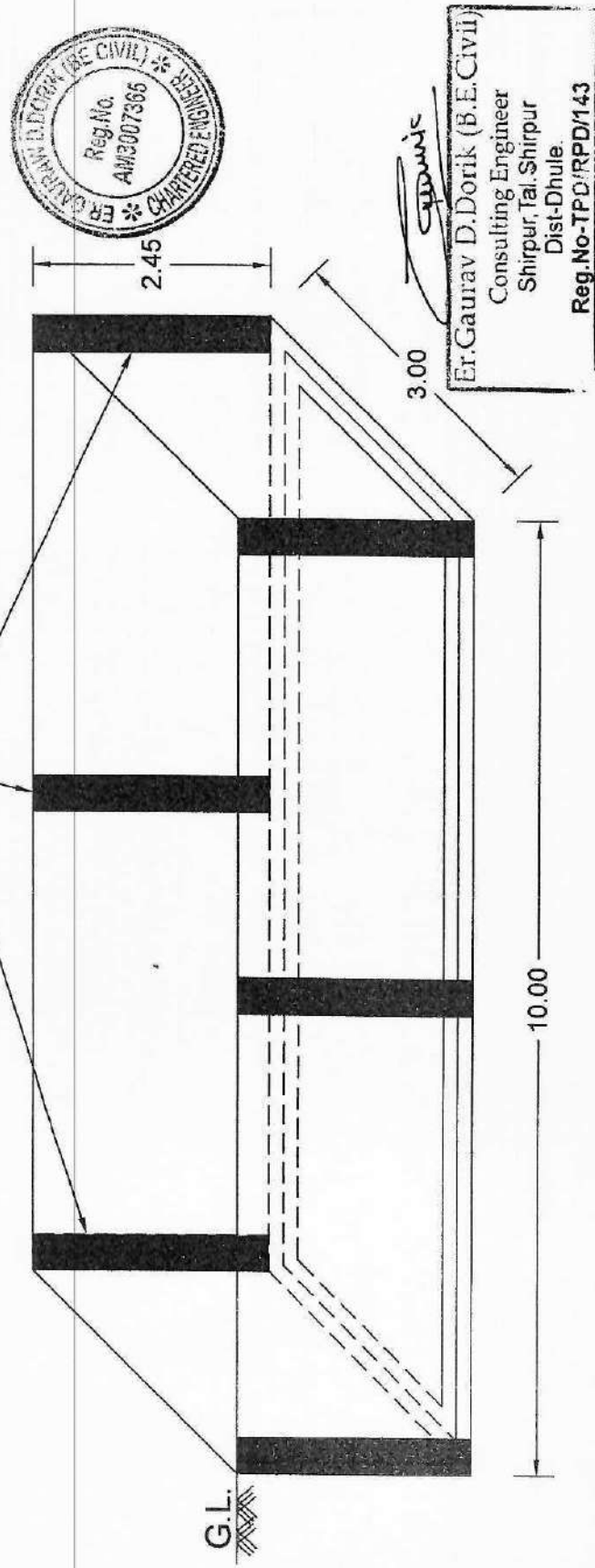
Gaurav
Er. Gaurav D. Dorik (B.E. Civil)
 Consulting Engineer
 Shirpur, Tal. Shirpur

M. Mathakuse
DIRECTOR
 Future Farm



Agro Futures Farmers Producer Company Limited at -Walkheda, in Gat No. 391, Tq. Shindkheda, Dist.Dhule.

UNDER GROUND COLUMN FOR WEIGHING SCALE SUPPORT 9" X 15"



WEIGHING SCALE PLATE COMES ON 6 SUPPORTED COLUMNS

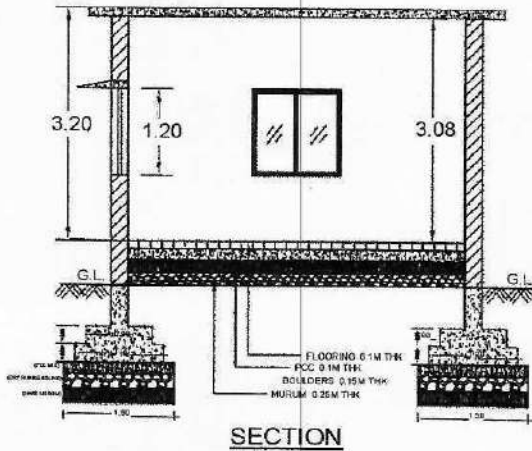
SUMMARY		DIMENSIONS
SR. NO.	DISCRIPTION	
1	EXCAVATION	2.45 m
2	SOLING	0.15 m
3	PCC	0.075 m
4	MURUM FILLING	2 m

WEIGHING SCALE EXCAVATION SECTION

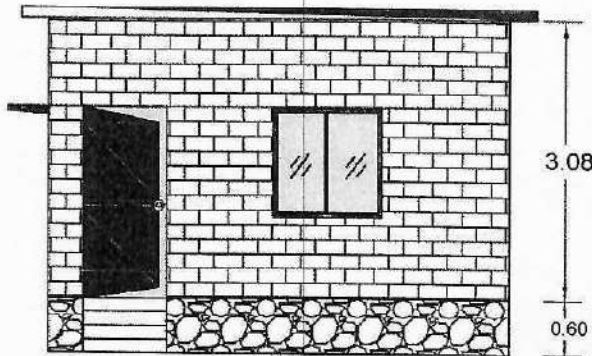


INSPECTOR
 25403

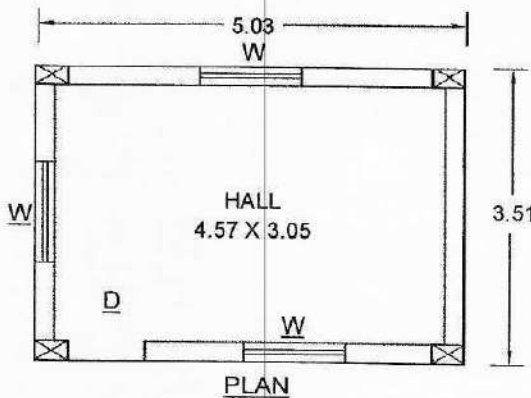
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SECTION



ELEVATION



PLAN

OFFICE USE

AREA STATEMENT

B/UP AREA AT G.F.PLAN(P-LINE) 17.85 SQ.M.
TOTAL B/UP AREA (P-LINE) 17.65 SQ.M.

SCHEDULE OF OPENING

DOOR - 1 - 0.90 X 2.10
WINDOW - 3 - 1.20 X 1.20

NAME OF APPLICANT/PRESIDENT:

Mr. Yogesh Vinod Patil
Agro Futures Farmers Producer Company Limited
at-Walkheda in Gat No.391, Tq. Shindkheda,
Dist. Dhule

PRESIDENT'S SIGN



REFERENCES

ALL DIMENSION ARE IN METER
STEEL STRUCTURE, CGI ROOF
SCALE- 1:100, 1:200, 1:500 UNLESS NOTED
SUB MISSION DRAWING



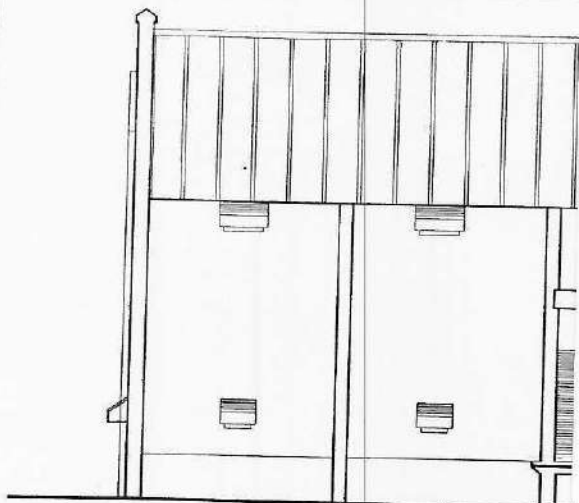
Er. Gaurav D. Dorik (B.E. Civil)
Consulting Engineer
Shirpur, Tal. Shirpur
Dist- Dhule
Reg. No. 1P/2011/0743

[Signature]
DIRECTOR
Agro Futures
Producer

[Signature]
DIRECTOR
Agro Futures
Farmer



1/500 MT.

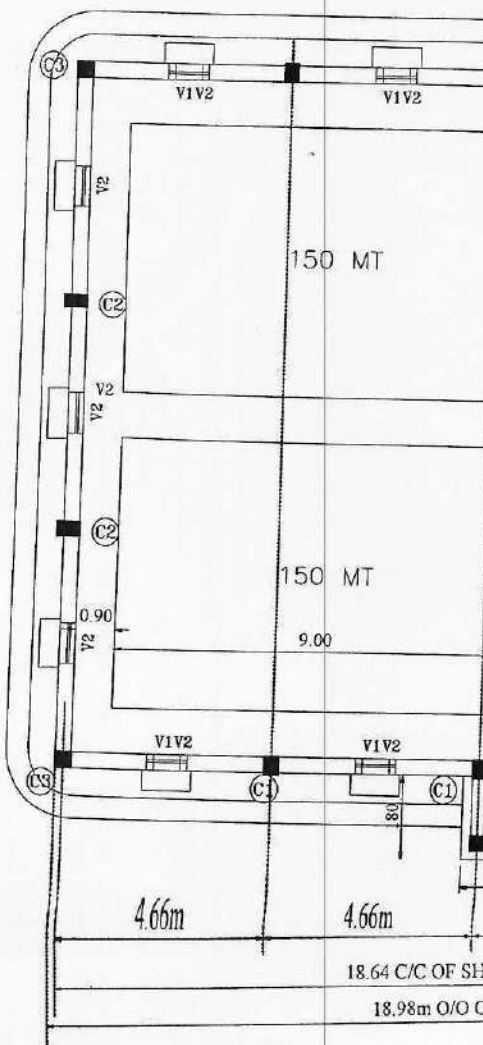


ELEVATION SCHEDULE OF R. C. C. COLUMNS.

SIZE	NO.	REMARKS
30 X 45	6	@ LONG WALLS
30 X 45	4	@ GABLE WALLS
34 X 34	4	@ GABLE WALLS
15 X 34	4	TO BE POSTED ON DB @ RS PANNELS
57 X 30	3	FOR PLATFORMS BELOW BEAM.

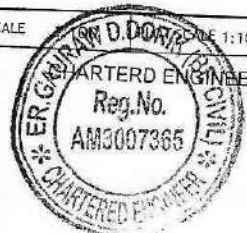
SCHEDULE OF ROLLING SHUTTERS/VENTILATORS

SIZE (IN CMS)	NO.	DISCRIPTION
180 X 240	1	PULL AND PUSH TYPE FIXED FORM INSIDE
60 X 60	7	STEEL VENTILATORS FULLY GLAZED WITH SHUTTERS(BOX HINGES) 6mm SQ. MESH 18 SWG. TO BE FIXED BY 19mmX3mm M.S. FLAT & 12mm SQ. BARS (7 NOS.) IN VERTICLE POSITION @ 10cms C/C FIXED TO FRAME FROM OUTSIDE.
100 X 60	14	-----DO----- 12MM SQ. BARS (11 NOS) IN VERTICAL POSITION @ 10CMS C/C FIXED TO FRAME FROM OUTSIDE.



CLOSED CONSTRUCTION OF 150 MT WAREHOUSE FOR
PRO FUTURES FARMER
TRADER COMPANY LIMITED
 PLOT NO- 391, WALKHEDA
 HINDKHEDA, DIST-DHULE
 18.98m O/O OF

SCALE 1:100



Gaurav Dorik

Er. Gaurav D. Dorik (B.E. Civil)
 Consulting Engineer
 Shirpur, Tal. Shirpur
 Dist. Dhule.
 U01100278365
 REBON/ETAD/RPD/143

PLAN FOR (50
 DIRECTOR
 DIRECTOR