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SAMARTH

CONSTRUCTION & INFRASTRUCTURE, SHIRPUR
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175

ESTIMATE

Name of work :- Construction of Working shed Unit of Cleaning / Grading/Packing 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 Working shed Unit of Cleaning / Grading/Packing For "Agro Futures Farmers Producer Company Limited" at - Walkheda in Gat No. 391 , Tal-Shindkheda , Dist- Dhule Under

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

Estimated Cost Rs 63,91,000.00


DIRECTOR
Agro Fut...
Prod... Con.


DIRECTOR
mer



Name of work :- Construction of Working shed Unit of Cleaning / Grading/Packing
For "Agro Futures Farmers Producer Company Limited" at - Walkheda in Gat No.
391 , Tal-Shindkheda , Dist- Dhule Under

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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	5504027.53
B	Add Labour Insurance Charges @ 1%	55040.28
	Total Amount A+B+C	5559067.81
C	Add Goods and Services Tax @ 12%	667088.14
D	Add 3% Fire Fighting on A	165120.83
E	Add 3% Electrification on A	165120.83
	Total Estimated Cost	6391276.77
	Say Rs.	63.91

In words- Sixty Three Lakh Ninety One 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 Future Farmer
Producer Company Limited

[Signature]
DIRECTOR



Name of work :- Construction of Working shed Unit of Cleaning / Grading/Packing 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	3.350	0.300	0.300	2.412	79.060
		4	3.470	0.300	0.300	1.249	
	Gr.II Outer Beams	4	3.580	0.300	0.300	1.289	
		4	3.360	0.300	0.300	1.210	
	C1 to C20	20	1.50	1.50	1.50	67.500	
	Steps	2	3.00	2.00	0.45	5.400	
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 C20	20	1.50	1.50	0.25	11.250	18.000
	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)						
		20	1.50	1.50	0.15	6.750	57.699
	Shed area	1	21.50	15.24	0.15	49.149	
	Steps	2	3.00	2.00	0.15	1.800	
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	21.50	15.24	0.90	294.894	294.894
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 C20	20	1.50	1.50	0.10	4.500	37.266
	Shed area	1	21.50	15.24	0.10	32.766	
	Cum						

DIRECTOR
Agro Future Farmer

DIRECTOR





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 C20	20	1.20	1.20	0.23	6.624	10.350
II nd Portion	C1 to C20	20	0.90	0.90	0.23	3.726	
							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		20	0.23	0.45	0.99	2.049	21.694
Upto Plinth Level		20	0.23	0.45	1.20	2.484	
Up above plinth Level		20	0.23	0.45	3.05	6.314	
Upto Ground Level		20	0.23	0.45	0.99	2.049	
Upto Plinth Level		20	0.23	0.45	1.20	2.484	
Up above plinth Level		20	0.23	0.45	3.05	6.314	
							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]

Gr.I Outer Beams		8	3.350	0.230	0.380	2.342	10.868
		4	3.470	0.230	0.380	1.213	
Gr.II Outer Beams		4	3.580	0.230	0.380	1.252	
		4	3.360	0.230	0.300	0.927	
Lintel Beams		2	15.700	0.230	0.300	2.167	
		2	21.500	0.230	0.300	2.967	
							Cum

9.0

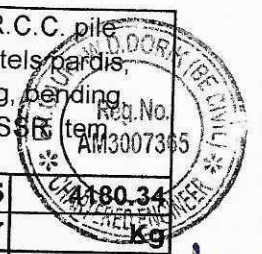
Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centering, formwork, cover blocks compacting , curing , finishing and roughening the surface if special finish is to be provided 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]

Chajja		18	1.800	0.230	0.120	0.894	1.326
		2	3.000	0.600	0.120	0.432	
							Cum

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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	10.35	1.00	87.00	900.45	4.180 Kg
Qty of Column	1	21.69	1.00	98.00	2125.97	
Qty of Beam	1	10.87	1.00	98.00	1065.06	
Qty of Chajja	1	1.33	1.00	67.00	88.86	
						MT

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						0.42
						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

For Steps block two sides	2	3.000	2.000	0.400	4.800	11.594
	2	3.000	1.750	0.150	1.575	
	2	3.000	1.250	0.150	1.125	
	2	3.000	1.000	0.150	0.900	
	2	3.000	0.750	0.150	0.675	
	2	3.000	0.500	0.150	0.450	
	2	3.000	0.250	0.150	0.225	
Gr.I Outer Beams	8	3.350	0.230	0.450	2.774	Cum
	4	3.470	0.230	0.380	1.213	
Gr.II Outer Beams	4	3.580	0.230	0.450	1.482	
	4	3.360	0.230	0.380	1.175	

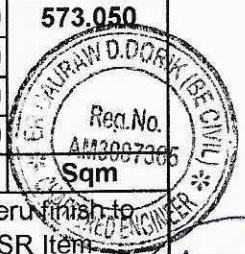
13.0 Providing Second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in Superstructure including striking joints, raking out joints, watering and scaffolding etc. Complete. [SSR Item No.27.05, Page No.246]

Gr.I Outer Beams	8	3.350	0.230	3.000	18.492	47.224
	4	3.470	0.230	3.000	9.577	
Gr.II Outer Beams	4	3.580	0.230	3.000	9.881	
	4	3.360	0.230	3.000	9.274	
Deduction (Shutters)	2	3.000	0.230	3.000	4.140	11.592
Windows W1	18	1.500	0.230	1.200	7.452	
						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 Kg/Sq.m) [SSR Item No. 38.34, Page no.291]

						Cum
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For Roofing	2	21.500	7.850		337.550	573.050
L/s & R/s Wall	2	15.700	3.000		94.200	
Front & Rear Wall	2	15.700	3.000		94.200	
For Gable End(1/2xBxH)	2	0.500	15.700	3.000	47.100	



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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]						
	Hall L/W	2	21.500		3.000	129.000	238.440
	Hall C/W	2	15.240		3.000	91.440	
	Deduction (Shutters)	2	3.000		3.000	18.000	50.400
	Windows W1	18	1.500		1.200	32.400	188.040
							Sqm

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]						
	Hall L/W	2	21.500		4.200	180.600	375.030
	Hall C/W	2	15.700		4.200	131.880	
	Column offset	40	0.300		4.200	50.400	
	Chajja	18	1.500		0.450	12.150	
							Sqm

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]						
	Inside of Godown	1	21.500	15.240		327.660	327.660
							Sqm

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 21.50 x 15.24 = 327.66 x 60Kg/Sqm = 19659.60Kg						19.650
							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	18	1.500		1.200	32.400	32.400
							Sqm

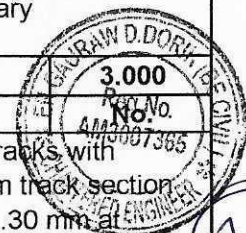
20.0	Providing and applying plastic emulsion paint of approved quality, colour and shade to old and new surfaces in two coats including scaffolding, preparing the surface. (excluding the primer coat)etc. complete. [SSR Item No.36.12. Page No.285]						
	Qty Same as Itwm No.15						188.040
							Sqm

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						375.030
							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]						
							3.000
							18.000
							18.000
							Sqm

DIRECTOR *R. Thakur* DIRECTOR
 Agro Future Farmer
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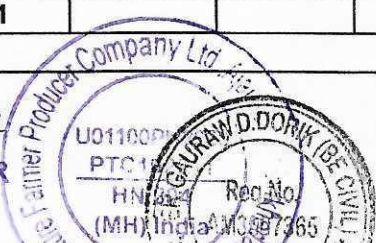
23.0	Providing and fixing screw down 15 mm dia. wheeled stop tap of brass including necessary sockets/union nut complete [SSR Item No.41.43, Page No.337]	3						
24.0	Providing and fixing in position (as per 1868 / 1982) Aluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 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 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]	W1	18	1.500		1.200	32.400	32.400
								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	1	20.000				20.000
								Rgm
26.0	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	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 including 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 consistency Fineness specific Gravity setting Time (Initial & 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 Absorption (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.



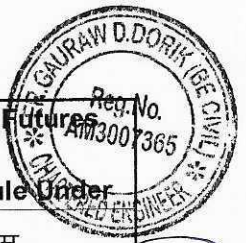
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[Signature]
DIRECTOR
Agro Future Farmer
Company Limited

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DIRECTOR
Farmer Producer Company Ltd.



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Er. Gaurav D. Donk (B.E. Civil)
Consulting Engineer



Name of work :- Construction of Working shed Unit of Cleaning / Grading/Packing For "Agro Future 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

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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	79.06	Cum	193.00	15258.50
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	18.00	Cum	241.00	4338.00
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	57.70	Cum	1815.90	104775.61
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	294.89	Cum	730.90	215539.20
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	37.27	Cum	5499.89	204958.90

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DIRECTOR





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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>	10.35	Cum	6481.33	67081.77
					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>	21.69	Cum	12170.23	264016.10
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>	10.87	Cum	10816.63	117554.70
					0.00


 DIRECTOR
 Agro Future Farmer
 Producer Company Limited
 Ajande, Tal. Shindkheda-425403
 Dist. Dhule (MH) (India)



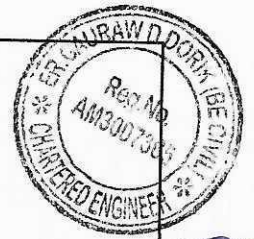
9.0	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centring, formwork, cover blocks compacting , curing , finishing and roughening the surface if special finish is to be provided 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	1.33	Cum	12281.83	16288.65
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] 80703.00/MT	4.18	Mt	71926.81	300678.59
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	0.42	Mt	83326.00	34833.11
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	11.59	Cum	7473.45	86644.85
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	35.63	Cum	7927.45	282467.73



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Producer Company Limited
Ajande, Tal. Shindkheda-425403



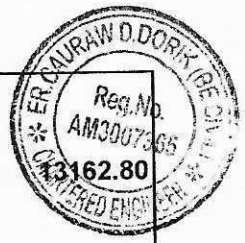


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14.0	Providing and fixing colour coated Zinalume (R) AZ150 (min 150 gms/sq.mt. Total on each side) profiled sheets for roofing. The feed material is manufactured out of nominal 0.45 mm Base Metal Thickness (BMT) (0.5 mm TCT), Hi-strength steel with 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	573.050	Sqm	1095.00	627489.75
					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	188.040	Sqm	271.32	51019.01
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	375.030	Sqm	377.01	141390.06
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	327.660	Sqm	846.00	277200.36
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] 110450 00/MT	19.650	Mt	105909.00	2081111.85
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	32.400	Sqm	1845.00	59778.00

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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.280], 80.00/Sqm	188.040	Sqm	70.00	
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.276], 79.00/Sqm	375.030	Sqm	74.00	27752.22
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.307],	18.000	Sqm	4310.00	77580.00
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], 516.00/No.	3.000	No	468.00	1404.00
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 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]	32.400	Sqm	5471.00	177260.40
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 FWD chowky or as directed etc. complete. [SSR Item No.42.56, Page No.345], 310.00/Rom		Rom	285.00	5700.00

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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/lit	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.	63.62	Nos	237.37	15102.55
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.	496.47	Nos	216.18	107325.81
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	2600.00	2600.00
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	2175.00	2175.00
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	690.00	690.00
				Total	5504027.53
				SAY	Rs. 55.04 Lakhs

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 Producer Company Limited

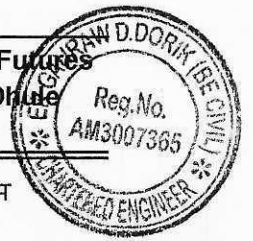
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 DIRECTOR
 Agro Future Farmer
 Producer Company Limited

mer Producer Company Ltd. Ajanta, Shirpur
 U01100PN2020
 PTC192911
 1991204

ER GAURAV D.DORIK (B.E.CIVIL)
 Reg.No. AM3007365
 CHARTERED ENGINEER

[Signature]
 Er.Gaurav D.Dorik (B.E.Civil)
 Consulting Engineer
 Shirpur, Tal. Shirpur
 Dist-Dhule.
 Reg.No.-TE/19/143

Name of work :- Construction of Working shed Unit of Cleaning / Grading/Packing 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

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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] 795.00/Cum			
	[SSR Item No.21.37, Page No.194]			500.00

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M. Thakare

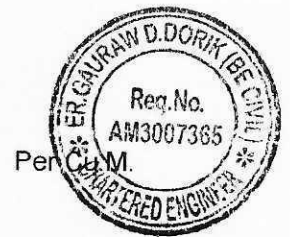
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Producers Company Limited



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 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

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 :-

[Signature]

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Agro Future Farmer

Producer Company Limited

Mathel Kose

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 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

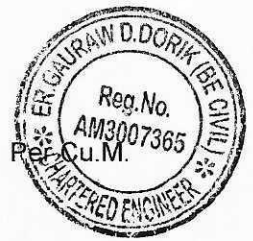
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DIRECTOR
 Agro Future Farmer
 Company Limited



ADD LEAD CHARGES FOR CR METAL

0.900 355.50 319.95

TOTAL RATE Rs. 12281.83



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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
ADD LEAD CHARGES FOR STEEL

1.00 148.81 148.81

71778.00

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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DIRECTOR





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- 14) 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- [SSR Item No. 38.34, Page no.291]

	1095.00
TOTAL RATE Rs.	1095.00

Per Sq.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]

[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
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Per Sq.M.

ITEM NO. 16 :-

- 16) 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]

[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
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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

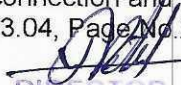

ITEM NO. 18 :-

- 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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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



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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 [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]

4310.00

TOTAL RATE Rs.

4310.00

Per Sq.m

ITEM NO. 23 :-

- 23) Providing and fixing screw down 15 mm dia. wheelèd 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. 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]

5471.00

TOTAL RATE Rs.

5471.00

Per Sq.m

ITEM NO. 25 :-

[Signature]

DIRECTOR

Agro Future Farmer

Producer Company Limited

[Signature]

DIRECTOR



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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 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]

	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 D. Dorik

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

[Signature]
DIRECTOR

[Signature]
DIRECTOR

**Agro Future Farmer
 Producer Company Limited**



of work :- Construction of Working shed Unit of Cleaning / Grading/Packing For "Agro Futures Farmers Producer Company Limited" at -
Walkheda in Tal.No. 391 , Tal-Shindkheda , Dist- Dhule (MH)

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
Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 20 cm to 20 cm thick including hand-making and compacting etc. complete. (SSR Item No.21.38)	57.70	Cum			1.20	69.24										
Working in plinth and floors with contractors material/brought from side and approved by Engineer charge in layers of 15 cm to 20 cm including watering and compaction etc. complete. R Item No.21.37, Page No.194]	294.89	Cum													1.20	353.87
Providing and laying Cast in Ready Mix cement concrete in 10 of trap/ granite/ quartzite/ gneiss metal for foundation and including balling	37.27	Cum	0.22	8.20	0.90	33.54	0.470	17.52								
Providing and laying in situ /Ready cement concrete M-20 of trap granite /quartzite/ gneiss metal for foundations like raft, foundations, grillage and columns of R.C.C. columns and foundations etc	10.35	Cum	0.035	0.36	0.90	9.32	0.425	4.40								

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MAHARAJA
DIRECTOR
Agro Futures Farmers
Producer Company Limited
Tal. Shindkheda-425403
Dist. Dhule (MH) (India)

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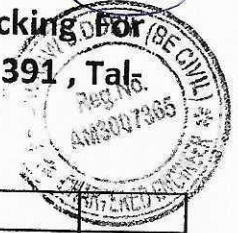
21.69	Cum	0.035	0.76	0.90	19.52	0.425	9.22				
			0.00								
10.87	Cum	0.035	0.38	0.90	9.78	0.425	4.62				
			0.00								
1.33	Cum	0.035	0.05	0.90	1.19	0.425	0.56				
			0.00								
11.59	Cum	0.079	0.92			0.320	3.71	0.475	5.51		
35.63	Cum	0.079	2.81			0.320	11.40	0.475	16.93		
188.04	Sqm	0.012	2.26			0.015	2.82				
375.03	Sqm	0.012	4.50			0.025	9.38				
			0.00								



Director
 T. Shindkhera D. Dhule
 (MNH) India
 425403

Name of work :- Construction of Working shed Unit of Cleaning / Grading/Packing for
 "Agro Futures Farmers Producer Company Limited" at - Walkheda in Gat No. 391, Tal.
 Shindkheda , Dist- Dhule Under

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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 Nashu k (6 X 9)	
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 absorpction	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), comressive strength	1 test/50 Tonnes	1	10	8	3770	3770	

[Signature]

DIRECTOR
 Agro Future Farmer
 Producer Company Limited
 Ajande Tal. Shindkheda Dist. Dhule

[Signature]
DIRECTOR



4	Cement Concrete	52.74	Y) Compressive strength (Kg/Sqm)	f) Cement concrete 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
5	Steel	3.42	Upto 16 mm (Set of 3 Bars) 1 Test 1200	1 Test per 5 mt	1	1	1	1275	1275
			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



Gaurav Dorik

Er. Gaurav D. Dorik (B.E. Civil)
 Consulting Engineer
 Shirpur, Tal. Shirpur
 Dist-Dhule.
 Reg.No-TPC 3333

[Signature]
DIRECTOR
 Agro Future Farmer
 Producer Company Limited
 Ajande, Tal. Shindkheda-425403
 Dist. Dhule (MS) 425403

[Signature]
DIRECTOR



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Name of work :- Construction of Working shed Unit of Cleaning / Grading/Packing 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

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

[Signature]
DIRECTOR

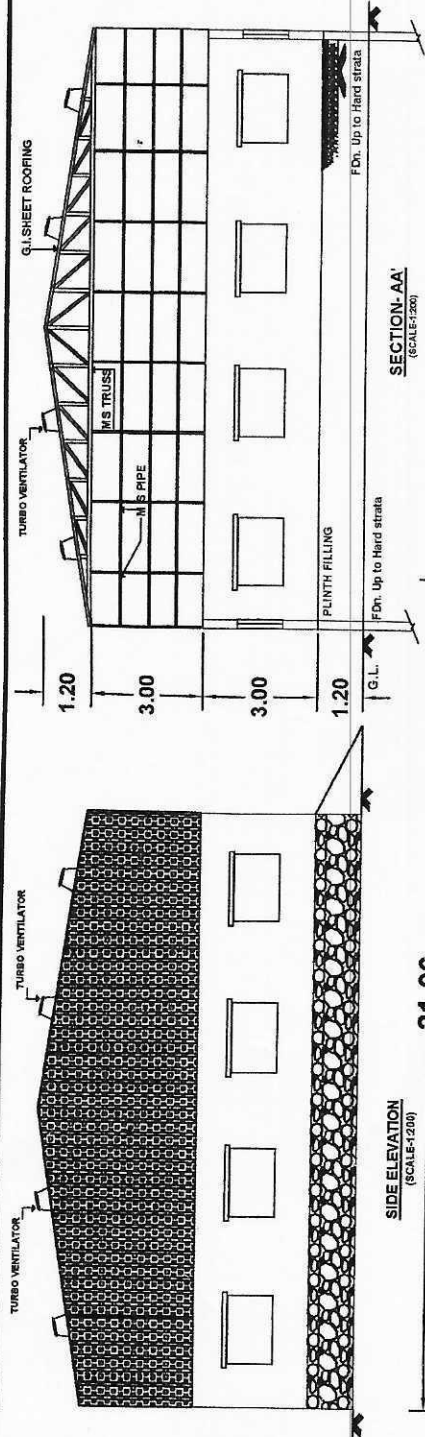
MATHEKOR
DIRECTOR

Agro Future Farmer
Producer Company Limited
Tal. Shindkheda-425403



PROPOSED CONSTRUCTION PLAN OF WORKING SHED FOR AGRO FUTURES FARMERS PRODUCERS COMPANY LTD. GAT.NO.-391, AT-WALKHEDA, TAL- SHINDKHEDA, DIST- DHULE.

AREA STATEMENT	SQ. MTR.
TOTAL AREA OF G. NO. 391	30000.00
TOTAL BUILT UP AREA	344.77



SCHEDULE OF OPENINGS
R.S. - 3.00 X 3.00 M
WINDOWS - 1.80 X 1.20 M

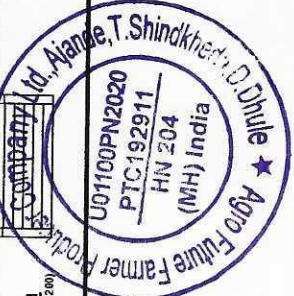
SIDE ELEVATION (SCALE:1:200)



APPROVING AUTHORITY:

CHARTERED ENGINEERS:

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



M. K. Kulkarni
DIRECTOR
Agro Future Farmer
Producer Company Limited
e, Tal. Shindkheda-425403
st. Dhule (MH) (India)

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