

**ER. KRISHNA B. DORLE**

D.C.E.

Reg. No.270/2018

Office : Maa Bhavani Heights  
First Floor ,  
Rajiv Gandhi Chowk  
Bhandara .

### CERTIFICATE

This is to certify that Proposed Construction of Raw Material Godown In Premises Of Krantisurya Agro Farmer Company Ltd. Mandesar Reg No. U01100MH2020PTC344766 , Tah - Mohadi Dist- Bhandara.

The Estimate Cost for is Calculated to – **Rs. 28,28,190/-**

This is correct to best of my knowledge & belief .

Hence given the Certificate .

Place : Bhandara

Date :

  
**K.B. DORLE**  
Planner & Valuer  
D C.E. Reg. No. 270/2018  
Bhandara- 441904

Proposed construction of Raw Material Godown in Premices of Krantisurya  
Agro Farmer Producer Company Ltd. Mandesar Tah- Mohadi & Dist-Bhandara.

**ABSTRACT**

Sr. No.	Description of items	Qty.	Rate	Unit	Amount
1	2	3	4	5	6
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 foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m) SSR It. No. 21.02 Pg. No. 115 A ) lift upto 1.50 mt.	38.88	193.00	Cum.	7504.00
	A ) lift above 1.50 mt.to 3.00 mtr	15.55	241.00	Cum.	3748.00
2	Providing and filling in the foundation with sand of approved quality including watering, compacting etc. complete. (To be executed with prior approval of Superintending Engineer) SSR It. No. 21.39 Pg. No. 118	117.00	2172.00	Cum.	254124.00
3	Providing soling using 80 mm size trap metal in 15 cm. layer including filling voids with Crushed sand/grit, ramming, watering etc. complete. SSR It. No. 21.40 Pg. No. 118	30.89	1322.00	Cum.	40834.00
4	Providing and laying in situ cement concrete of M10 proportion with trap/ granite/ quartzite/ gneiss metal in foundation including necessary form work, compacting and curing etc. complete. (with reversible drum rtvpe mixer with SCADA with natural sand) SSR It. No. 24.01 Pg. No. 131	20.59	5538.00	Cum.	114038.00
5	Providing and laying in situ 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, formwork ,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 concrete batch mix plant (pan Item No. 25.13- Pg. No. 138	5.40	6666.00	Cum.	35996.00


  
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6	<p>Providing and laying Cast in situ/Ready Mix cement concrete M-15 of trap/ granite/quartzite/gneiss metal for coping to plinth or parapet, moulded or chamfered as per drawing or as directed including steel centering, plywood/ steel formwork compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed)</p> <p><b>SSR It. No. 24.16 Pg. No. 180</b></p>	19.36	6800.00	Cum.	131615.00
7	<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 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 natural</p> <p><b>item No. 25.31 pg No. 134</b></p>	5.21	12987.00	Cum.	67643.00
8	<p>Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. beam sand lintels as per detailed designs and drawings or as directed including 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 natural sand/V.S.I. quality Artificial Sand</p> <p><b>item No. 25.50 pg No. 135</b></p>	7.07	11483.00	Cum.	81187.00

<p>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 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 natural sand/V.S.I.</p>	7.30	13943.00	Cum.	101798.00
<p><b>item No. 25.70 pg No. 135</b>  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</p>	3.28	71778.00	M.T.	235610.00
<p><b>item No. 26.33 pg No. 139</b>  11 Providing second class Burnt Brick masonry with conventional/I.S. type bricks in cement mortar 1:6 in foundations and plinth of inner walls/ in plinth external walls including bailing out water manually , striking joints on unexposed faces, raking out joints on exposed faces and watering etc. Complete.</p>	8.00	7343.00	Cum.	58773.00
<p><b>item No. 27.01 pg No. 144</b>  12 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</p>	35.37	7570.00	Cum.	267746.00
<p><b>item No. 27.05 pg No. 144</b>  13 Providing internal cement plaster 20mm thick in two coats in cement mortar 1:5 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc. complete</p>	512.70	359.00	Sq.m.	184059.00
<p><b>SSR It. No. 32.06 Pg. No.153</b>  14 Providing and applying two coats of exterior acrylyc emulsion paint conforming to corresponding I.S. of approved manufacture and of approved colour to the plastered surfaces including cleaning ,preparing the plaster surface, applying primer coat ,scaffolding if necessary , and watering the surface for two days etc. complete</p>	512.70	240.00	Sq.m.	123048.00
<p><b>SSR It. No. 35.25 Pg. No.165</b></p>				

	Providing structural steel work in hollow section of various thickness and sizes in square, rectangular and round shape from 25mm to 450mm section as per IS 4923 YST 310 Grade produced from iron ore and blast furnace route etc. as per detailed designs and drawing or as directed including cutting, fabricating, hoisting, erecting, fixing in position, making riveted/bolted/ welded connections and painting complete Item No. 23.12- Pg. No.130	7.20	101994.00	MT	734357.00
16	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 Item No. 38.34- Pg. No. 173	263.11	1095.00	Sqm	288109.00
17	Providing and fixing of colour coated Zinaluminium( 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 withAluminium-Zinc alloy (55% aluminium 43.4% zinc 1.6% silicon) with COLORBOND ( R ) steel quality super durable polyster paint coat ( with inorganic pigment). The paint shall have a total Item No. 38.35- Pg. No. 174	22.26	702.00	Rmt	15627.00
					2745816.00
Add Electrification Charges 3%					82374.00
					Total Rs. 2828190.00

In Words :- Twenty-Eight Lakh Twenty-Eight Thousand One Hundred & Ninety only

  
Consultant Engineer

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Proposed construction of Raw Material Godown in Premises of Krantisurya  
Agro Farmer Producer Company Ltd. Mandesar Tah- Mohadi & Dist-Bhandara.

MEASUREMENT

Sr. No.	Item	Nos.	Measurement			Quantity	unit
			Length	Breadth	Height		
1	Excavation for foundation in earth, soils of all types, sand, gravel and soft murum. Lift Upto 1.50 m	18	1.20	1.20	1.50	38.88	Cum
	Lift Upto 1.50 m	18	1.20	1.20	0.60	15.55	Cum
2	Providing & filling in the foundation with sand of approved quality includ	1	20.00	9.00	0.65	117.00	Cum
3	Providing soiling 80mm size of trap/ granite/ quartzite----- etc. comp.	18	1.20	1.20	0.15	3.89	
		1	20.00	9.00	0.15	27.00	
					<b>Total</b>	<b>30.89</b>	<b>Cum</b>
4	Providing & laying in situ-C.C.1:3:6 M-10 for foundation & beding comp.	18	1.20	1.20	0.10	2.59	
		1	20.00	9.00	0.10	18.00	
					<b>Total</b>	<b>20.59</b>	<b>Cum</b>
5	Providing and laying in situ cement concrete of required grade of trap / granite/ quartzite / gneiss metal for R.C.C. work in foundations like raft, orillages. strin foundations	18	1.00	1.00	0.30	5.40	Cum
6	Providing and laying in situ C. C. M-15 of coping to plinth or prapet , moulded as directed ----- etc. complete.					19.36	
		1	20.46	9.46	0.10	19.36	Cum
7	Providing and laying in situ C. C. M-20 M-20 of trap granitequartzite / gneiss metals for cement R. C. C.column as per detailed design and drawing or					5.21	
		18	0.23	0.23	5.47	5.21	Cum
					<b>Total</b>	<b>5.21</b>	<b>Cum</b>

8	Providing and laying in situ C. C. M-20 quartzite / gneiss metals for R.C.C. beams ----- etc. comp.						
	Plinth Beam	2	20.00	0.23	0.30	2.76	
		2	9.00	0.23	0.30	1.24	
	Lintel Beam	2	20.00	0.23	0.23	2.12	
		2	9.00	0.23	0.23	0.95	
					Total	7.07	Cum
9	Providing and laying in situ C. C. M-20 quartzite / gneiss metals for R.C.C. Slab & landing ----- etc. comp.						
	Plinth Protection Slab	2	22.00	1.00	0.10	4.40	Cum
		2	9.00	1.00	0.10	1.80	
		2	3.67	1.50	0.10	1.10	
				Total	* 7.30	Cum	
10	Providing and fixing in position mild steel / T.M.T. bar reinforcement of various diameters for R.C.C. piles						
	Footing	5.40		80.00		432.00	
	Copping	19.36		60.00		1161.31	
	Column	5.21		90.00		468.77	
	Beam	7.07		90.00		636.32	
	Slab	7.30		80.00		584.08	
					3282.48		
					3.28	MT	
11	Providing second class burnt brick masonry in Cement mortar 1:6 for substructure ----- etc. complete.						
		2	9.00	0.23	0.60	2.48	
		2	20.00	0.23	0.60	5.52	
				Total	8.00	Cum	
12	Providing second class burnt brick masonry in Cement mortar 1:6 for superstructure ----- etc. complete.						
		2	9.00	0.23	3.00	12.42	
		2	20.00	0.23	3.00	27.60	
		2	3.37	0.23	3.00	-4.65	
				Total	35.37	Cum	
13	Providing internal cement plaster 20mm thick in asingle coat -- etc. comp.						
	Wall	4	9.00	--	4.23	152.28	
		4	20.00	--	4.23	338.40	
	Ded	4	3.67	--	1.50	22.02	
	Ded	2	3.37	--	3.00	-20.22	
				Total	512.70	Sq.m.	

14	Providing and applying two coats of exterior acrylic emulsion paint conforming to corresponding I.S. of approved manufacture and of approved colour to the plastered surfaces including cleaning ,preparing the plaster surface, applying primer coat,scaffolding if necessary , and watering the surface for two days etc							
						Same as quantity item No. 14	512.70	Sq.m.
15	Providing structural steel work in hollow section of various thickness and sizes in square, rectangular and round shape from 25mm to 450mm section as per IS 4923 YST 310 Grade produced from iron ore and blast furnace route etc. as per detailed designs and drawing or as directed including cutting, fabricating, hoisting, erecting, fixing in position, making riveted/bolted/ welded connections and painting Item No. 23.12- Pg. No.225 carpet area 20 x 9 = 180.00 Sqm	1	180.00	40.00	7200	7.20	MT	
16	Providing and fixing colour coated Zincalume ( 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 Item No. 38.34- Pg. No. 302	2	22.26	--	5.91	263.11	Sqm	
17	Providing and fixing of colour coated Zincaluminium( 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 Item No. 38.34- Pg. No. 302	1	22.26	--		22.26	Rmt	



Consultant Engineer

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PLAN SHOWING PROPOSED CONSTRUCTION MATERIAL GODDOWN IN PREMISES OF KRA AGRO FARMER COMPANY LTD. MANDESAH DISTT. :- BHANDARA.

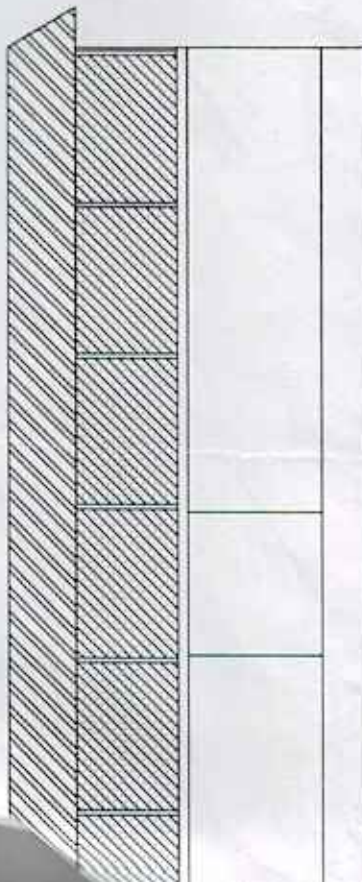
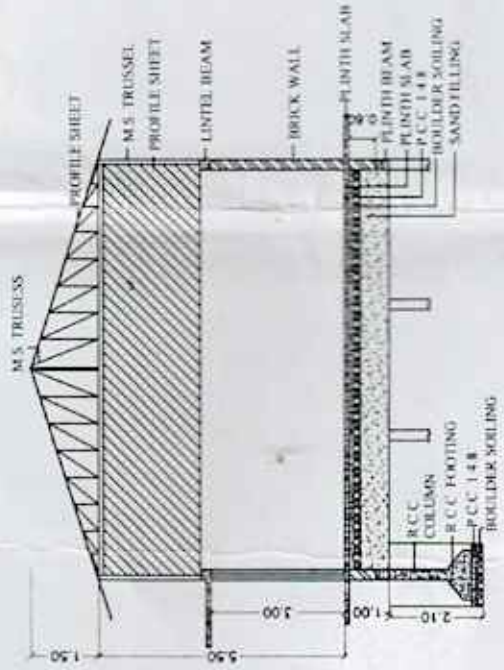
SCHEDULE FOR OPENING	
Sr.No.	Type SIZE DESCRIPTION
1.	RS 3.14 X 3.00 ROLLING SHUTT

SANCTIONING AUTHORITY

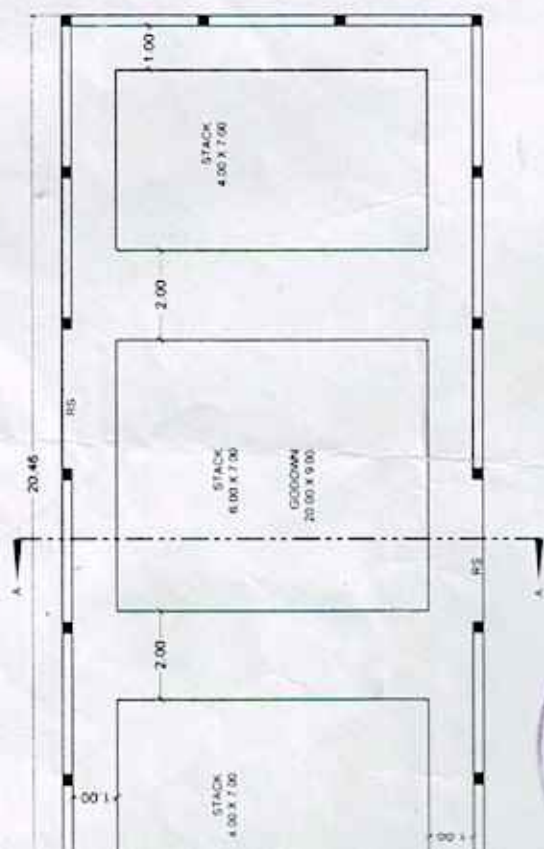
OWNER ARCH. / E

*(Signature)*  
**K.B.D**  
 Planner  
 D C.E. Reg. 1  
 Bhandar.

ALL DIMENSIONS ARE IN METERS.



ELEVATION



PROPOSED G.F. PLAN  
 SCALE: 1/100

*(Signature)*  
 सत्यं

शा. सोदा. (अ. क. का.)  
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सत्यं  
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