

ESTIMATE

UNDER LIMIT OF

SMART PROJECT

FOR YEAR 2021 - 22

NAME OF WORK

ESTIMATE FOR PROPOSED **GODOWN 450 MT Capacity,**
ELECTRIFICATION & APPROCH ROAD FOR

"GOREGAON AGRO PRODUCERS CO. LTD. "
AT DHUNDATOLA

TAL. GOREGAON. DISTT. GONDIA (M. S.)

CERTIFICATE

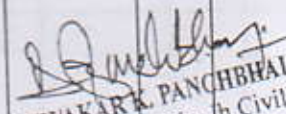
This is to Certify that the detailed estimate of the proposed Godown, for "Goregaon Agro Producers Co. Ltd., At Dhundatola, Taluka Goregaon, District Gondia. (M. S.) are as under ...

Estimated cost of the Godown	34,99,773.00
L. S. Cost Internal Approach Road For (WBM Road 130 mtr Length)	4,30,000.00
Total Estimated cost of the work is	39,29,773.00
+ 18 % for G S T	7,07,360.00
+ 8 % Electrification	3,14,382.00
+ 5% Contengencies	1,96,500.00
Total	51,48,015
+ 1 % for Technical supervision & peroidal charges	36,835.00
Total Amount Rs.	51,84,850.00
Say Amount Rs.	51,84,850.00


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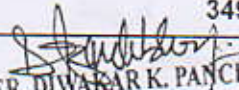
ABSTRACT SHEET

Description of Work	Qty	Rate	Unit	Amount
<p>Excavation for foundation in earth, soils of all types, sand, gravel and soft murum, including removing the excavated material upto a distance of 50 m. beyond the building area and stacking or spreading as directed, preparing the bed for the foundation and necessary back filling, ramming, watering, including shoring and strutting as necessary complete.</p> <p>C S R Item No. 01, Page No. 01</p>	117.97	125.00	M ³	14746.00
<p>2 Providing soling using 80 mm size granite / quartzite / gneiss / trap metal in 15 cm. layer including hand packing filling voids with sand / grit, ramming, watering complete.</p> <p>C S R Item No. 10 BDA-14, Page No. 04</p>	97.77	699.00	M ³	68341.00
<p>3 Providing and laying in situ, cement concrete in 1:4:8 of trap/ granite/quartzite/gneiss metal for foundation and bedding including bailing out water, plywood/steel formwork, compacting, finishing uneven and honeycombed surface 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>C S R Item No. 02 BDE-1C, Page No. 09</p>	63.76	3181.00	M ³	202821.00
<p>4 Providing and laying in situ cement concrete of M-20 of trap / granite/ quartzite / gneiss metal for R.C.C. work in foundations like raft, grillages, strip foundations and footings of R.C.C.columns and steel stanchions including bailing out water, plywood/steel formwork, compaction, curing and roughening the surface if special finish is to be provided, finishing uneven and honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give smooth and even surface etc. complete. (Excluding reinforcement and structural steel, including cover block) 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>C S R Item No. 02 BDF-3, Page No. 14</p>	13.68	4907.00	M ³	67128.00
<p>5 Providing and casting in situ cement concrete of required grade of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed design and drawings or as directed, including steel centering, plywood/steelformwork, compaction, finishing uneven and honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided and curing etc. complete. Including use of plastisizer wherever necessary as directed by Engineer (Excluding reinforcement, including cover block). 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>	10.84	7514.00	M ³	81452.00


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	Description of Work	Qty	Rate	Unit	Amount
	Providing and casting in situ cement concrete of required grade of trap / granite /quartzite /gneiss metal for R.C.C. beams and lintels as per detailed design and drawings or as directed,including steel centering, plywood/steel formwork steel props, compaction, finishing uneven and honeycombed surface with C.M.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. Including use of plastisizer wherever necessary as directed by Engineer-In-charge (Excluding reinforcement, including cover block) . 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)	24.48	6741.00	M ³	165020.00
	C S R Item No. 05 BDF-9A, Page No. 16				
7	Providing and casting in situ cement concrete of M 20 of trap / quartzite / granite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centering, plywood/steel formwork, steel props, compaction finishing uneven and honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided and curing etc.complete.(Excluding reinforcement, including cover block) 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)	0.60	8829.00	M ³	5297.00
	C S R Item No. 06 BDF-9A, Page No. 17				
8	Providing and fixing in position reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams and columns, canopies, staircases, newels, chajjas, lintels, pardies, coping, fins, arches etc. as per detailed design and drawings and schedules including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required completed.	3.240	46309.00	M.T.	150041.00
	a) Mild steel / T M T Bars C S R Item No. 18 BDF-17, Page No. 27				
9	Providing Fly ash lime brick masonry (bricks conforming to I.S.12894 : 1990 of size 19 cm x 9 cm x 9 cm) in cement mortar 1:6 in foundations and plinth of inner walls / in plinth of external walls including bailing out water, striking joints on unexposed faces, racking out joints on exposed faces and watering complete.	31.62	4694.00	M ³	148424.00
	C S R Item No. 1 BDG-1, Page No. 28				
10	Providing Fly ash lime Brick masonry (Bricks conforming to I.S.12894 : 1990 and of size 19 cm x 9 cm x 9 cm)in cement mortar 1:6 in super structure including striking joints, racking out joints watering and scaffolding complete.	178.71	4787.00	M ³	855485.00
	C S R Item No. 3 BDG-5, Page No. 28				

Description of Work	Qty	Rate	Unit	Amount
Providing and fixing Roofing steel shutters fabricated from 20 gauge steel laths with slide guides, bottom rail, brackets, door suspensions shaft including roofing springs, locking arrangement and housing box at top including one coat of lead primer etc. complete. Spec. No. : Bd.T.55/Page No. 510	14.40	2856.00	M ²	41126.00
14 Providing and fixing steel ventilator fully glazed partly top hung and partly fixed as per detailed drawing without hot dip zinc coating including fabricating glazing with plain obscured glass panes of approved type and quality and fastening without teak wood boxing and architecture and oil painting two coats etc. complete. (Sample to be got approved from Ex.Engineer before use) C S R I. No. 40 BDT-123, P. No. 117	14.40	2502.00	M ²	36029.00
15 Providing and applying three coats of water proof cement paint of approved manufacture and of approved colour to new plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days complete. (Sample and brand is to be got approved from Ex. Engineer before use) C S R Item No. 23 BDO-5A, Page No. 73	777.00	50.00	M ²	38850.00
16 Providing and laying cement concrete flooring 50 mm thick with 1:2:4 cement concrete laid to proper level and slope in alternate bays, including compacting, PVC/ Glass/Aluminum strips at joints, marking lines to give appearance of tiles of 30 cm x 30 cm or other size laid diagonally/square etc. finishing smooth (with extra cement) in any colour as directed and curing complete. C S R I. No. 6 BDM-3B, P. No. 58	658.29	398.00	M ²	261999.00
17 Providing and fixing corrugated galvanised iron sheets for roofing with wind ties including fastening with galvanised iron screw and bolts and lead and bitumen washers as per drawing complete. C S R I. No. 3, BDP-1A, P. No. 84	864.00	609.00	M ²	526176.00
18 Providing structural steel work in trusses, other similar trussed purlins and members with all bracing, gusset plates etc. as per detailed design and drawings or as directed including cutting, fabricating, hoisting, erecting fixing in position, making riveted /bolted/welded connection and one coat of over it two coats of oil painting of approved quality and shade complete. C S R I. No. 4, BDC-8, P. No. 07	6.91	61210.00	MT	422961.00
Total				3499773.00

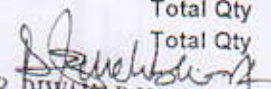

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**DETAILED ESTIMATE FOR PROPOSED GODOWN FOR "GOREGAON AGRO PRODUCERS CO. LTD. "AT
DHUNDATOLA TAL. GOREGAON. DISTT. GONDIA (M. S.)**

MEASUREMENT SHEET

N.	Particulars	No.	L	B	H/D	Total Qty.	Unit	
1	Excavation for foundation in earth, soils of all types, sand, gravel and soft murum,as necessary complete. C S R Item No. 01, Page No. 01	For C	19	1.50	1.50	1.85	79.09	
		For C 1	18	1.20	1.20	1.50	38.88	
		Total Qty						117.97
2	Providing soling using 80 mm size granite / quartzite / gneiss / trap metal in 15 cm. layer Etc. complete. C S R I. No. 10 BDA-14, P No. 04	For C	19	1.50	1.50	0.15	6.41	
		For C 1	18	1.20	1.20	0.15	3.89	
		Godown	2	16.66	17.50	0.15	87.47	
Total Qty						97.77	M³	
3	Providing and laying in situ, cement concrete in 1:4:8 of trap/ granite/ quartzite/gneiss etc complete. C S R I. N. 2 BDE-1C, P.N. 9	For C	19	1.35	1.35	0.10	3.46	
		For C 1	18	1.05	1.05	0.10	1.98	
		Godown	2	16.66	17.50	0.10	58.31	
Total Qty						63.76	M³	
4	Providing and laying in situ cement concrete of M-20 of trap / granite/ quartzite R.C.C. work in foundations Etc complete. C S R Item No. 02 BDF-3, Page No. 14	For C	19	1.05	1.05	0.15	3.14	
		Teppar C ((19 X 0.60/6) (0.90 X 1.05)+(0.44X0.55)+4(0.90+1.05/2)(0.44+0.58/2)					=	4.66
		For C 1	18	0.90	0.90	0.15	2.19	
Teppar C1 ((18 X 0.60/6) (0.90 X 0.90)+(0.44X0.33)+4(0.90+0.90/2)(0.44+0.33/2)					=	3.70		
Total Qty						13.68	M³	
5	Providing and casting in situ cement concrete of required grade of trap / granite /quartzite/ R.C.C. columns..... etc. complete. C S R Item No. 03 BDF-5, Page No. 16	For C	10	0.23	0.23	7.60	4.02	
		For C	5	0.23	0.23	10.34	2.73	
		For C	5	0.23	0.23	8.97	2.37	
		For C 1	18	0.23	0.23	1.80	1.71	
		Total Qty						10.84
6	Providing and casting in situ cement concrete of required grade of trap / granite /quartzite /gneiss metal for R.C.C. beams and lintels as per etc. complete. C S R Item No. 05 BDF-9A, P. No. 16	Plinth Beam	2	30.69	0.23	0.23	3.25	
			3	27.00	0.23	0.23	4.28	
		Lintel Beam	2	30.69	0.23	0.23	3.25	
			3	27.00	0.23	0.23	4.28	
		Roof Beam	2	30.69	0.23	0.23	3.25	
			3	27.00	0.23	0.23	4.28	
		For platform	1	30.69	0.23	0.23	1.62	
			2	2.45	0.23	0.23	0.26	
Total Qty						24.48	M³	
7	Providing and casting in situ cement concrete of required grade of trap / quartzite / granite/ R.C.C. chajja as etc.complete. C S R Item No. 06 BDF-9A, P. No. 17	Rsh. Chajja	4	3.10	0.60	0.08	0.60	
Total Qty						0.60	M³	
8	Providing and fixing in position reinforcement of various diameters for R.C.C. completed. a) Mild steel / HYSD bars C S R I. No.18 BDF-17, P No. 27	Footing	13.68	X	40.00	Kg/M ³	=	615.60
		Column	10.84	X	70.00	Kg/M ³	=	758.80
		Beam	24.48	X	75.00	Kg/M ³	=	1836.00
		Chajja	0.60	X	50.00	Kg/M ³	=	30.00
		Total Qty						3240.40

	V	-16	1.50	0.23	0.60	-3.31	
	V1	-12	1.20	0.20	0.60	-1.73	
				3.00	Total Qty	178.71	M ³
11 Filling in plinth and floors with contractors approved material ...compaction complete. C S R Item No. 08 BDA-11, Page No. 04	Godown	2	16.66	17.50	1.20	699.72	
					Total Qty	699.72	M ³
12 Providing External cement plaster 12 mm thick in a single coat in C M 1:5 without neeru finish				2 / 0.23 Times Of Item No. 10		777.00	
					Total Qty	777.00	M ²
13 Providing and fixing Roofing steel shutters fabricated from 20 gauge steel laths with slide	D	4	1.20	---	3.00	14.40	
					Total Qty	14.40	Rmt.
14 Providing and fixing steel ventilator fully glazed Ex.Engineer before use)	V	16	1.50	---	0.60	14.40	
	V1	12	1.20	---	0.60	8.64	
					Total Qty	14.40	M ²
15 Providing and applying three coats of water proof cement paint ...Engineer before use) C S R I. No. 23 BDO-5A, P. No. 73				As Per Item No. 13 External Sides Only "A"		777.00	
					Total Qty	777.00	M ²
16 Providing and laying cement concrete flooring 40 mm thick with 1:2:4 cement C S R Item No. 07, BDM-7, P. No. 58	Godown	2	16.66	17.50	---	583.10	
	Platform	1	30.69	2.45	---	75.19	
					Total Qty	658.29	M ²
17 Providing and fixing corrugated galvanised iron sheets for roofing with wind ties including fastening with galvanised complete.	Roofing	1	36.00	24.00	---	864.00	
					Total Qty	864.00	M ²
18 Providing structural steel work in trusses, other 8 Kg per Sq. Mt. Of Covered Area similar trussed purlins and members quality and shade complete.		8	864.00			6912.00	
					Total Qty	6912.00	Kg
					Total Qty	6.910	MT


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