

ESTIMATE

*Godapurna Agro Producer Company Limited at Village Ganesh
Nagar. Tq. Jalna. Dist. Jalna*

President : Rameshwar Annasaheb Kavhale



ESTIMATE FOR THE YEAR 2021-2022

**UNDER मा. बाळासाहेब ठाकरे कृषि व्यवसाय व ग्रामीण परिवर्तन
(स्मार्ट) प्रकल्प
जागतिक बँक सहयित उपक्रम**

**Name of Work :- Construction of Godown of Cleaning and Grading Unit
For "Godapurna Agro Producer Company Limited at Jalna (Villgae Ganesh
Nagar), Tq. Jalna. Dist. Jalna.**

**मा. बाळासाहेब ठाकरे कृषि व्यवसाय व ग्रामीण परिवर्तन
(स्मार्ट) प्रकल्प
जागतिक बँक सहयित उपक्रम**

Estimated Cost Rs : 1,06,56,000/-

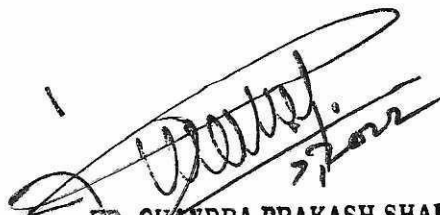

President

Secretary
Godapurna Agro Producer Co.Ltd.
Tq. & Dist.Jalna.



**Name of Work :- Construction of Godown of Cleaning and Grading Unit For
"Godapurna Agro Producer Company Limited at Jalna (Villgae Ganesh
Nagar), Tq. Jalna. Dist. Jalna. मा. बाळासाहेब ठाकरे कृषि व्यवसाय व ग्रामीण परिवर्तन
(स्मार्ट) प्रकल्प जागतिक बँक सहाय्यत उपक्रम**

This is Certify that

1. The above said works is proposed under ABOVE MENTIONED PROGRAMME
2. Also Certificate that the Company's land will be made available for the above said work, Supporting documents are attached here with
3. Also certified that that after completion of the above said work, it will be handed to company / स्वयं सहाय्यता गट
4. Also Certified that After completion of the above said work the maintenance of work further handing over will be carried out by company / स्वयं सहाय्यता गट
5. Also Certified that the above said work is not including in any other programme nor sanctioned in any other programme

Hence Certified



ER. CHANDRA PRAKASH SHARMA
B.E. (Civil) M. I. E. (I). F. I. V
CHARTERED ENGINEER & APPROVED VALUER



President

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Godapurna Agro Producer Co.Ltd.
Tq. & Dist Jalna.

Name of Work :- Construction of Godown of Cleaning and Grading Unit For
"Godapurna Agro Producer Company Limited at Jalna (Villgae Ganesh
Nagar), Tq. Jalna. Dist. Jalna. मा. बाळासाहेब ठाकरे कृषि व्यवसाय व ग्रामीण परिवर्तन
(स्मार्ट) प्रकल्प जागतिक बँक सहयित उपक्रम

Certificate For DSR of Work

This is to certify that the above said work is proposed to be sanctioned under above mentioned programme. The estimate is prepared as per Current Public Works State Schedule of Rates for the year 2021-22. The work will be carried out as per standard Specifications in pink book and as directed by Engineer in Charge.


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**Name of Work :- Construction of Godown of Cleaning and Grading Unit For
"Godapurna Agro Producer Company Limited at Jalna (Villgae Ganesh
Nagar), Tq. Jalna. Dist. Jalna. मा. बाळासाहेब ठाकरे कृषि व्यवसाय व ग्रामीण परिवर्तन
(स्मार्ट) प्रकल्प जागतिक बँक सहयित उपक्रम**

GENERAL REPORT

Above mentioned work is proposed under above mentioned programme. Proposed work In RCC Framed Structure and roof is of CGI Sheet. Accordingly detail estimate is prepared

The detailed Estimate for the above work is Amounting to Rs. 1,06,56,000/-
The Following Provision are kept in the Estimate

- 1 Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the
- 2 Excavation for foundation in earth, soils of all types, sand gravel and soft murum, including remov
- 3 Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including h
- 4 Filling in plinth and floors with contractors material/brought from outside and approved by Engine
- 5 Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ que
- 6 Providing and laying in situ /Ready Mix cement concrete M-20 of trap/granite /quartzite/ gneiss metal
- 7 Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite /quartzite/ gne
- 8 Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gne
- 9 Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal
- 10 Providing and fixing in position TMT-FE-500 bar reinforcement of various diameters for R.C.C. pile c
- 11 Providing and fixing in position HCRM/ CRS (Corrosion Resistant Steel) bar reinforcement of vi
- 12 Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:1
- 13 Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:
- 14 Providing and fixing colour coated Zinalume (R) AZ150 (min 150 gms/sq.mt. total on each side
- 15 Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 without neeru fini
- 16 Providing internal cement plaster 20mm thick in Single coats in cement mortar 1:4 without neeru finish,
- 18 Providing structural steel work in trusses, other similar trussed purlins and members with all bracing, guss
- 19 Providing and fixing mild steel grill work for windows, ventilators etc. 20 Kilogram/Square Metre as pe
- 20 Providing and applying plastic emulsion paint of approved quality, colour and shade to old and new surfa
- 21 Providing and applying two coats of water proof cement paint of approved manufacture and of ap
- 22 Providing and fixing rolling shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate
- 23 Providing and fixing screw down 15 mm dia, wheeled stop tap of brass including necessary sockets/union
- 24 Providing and fixing in position (as per 1868 / 1982) Aluminium sliding window of three tracks with r
- 25 Providing and fixing on walls/ceiling/floor 20 mm dia. CPVC pipe with necessary fittings, remaking good
- 26 Providing and fixing H.D.P container one piece moulded water tank made out of high density polythylar an
- 27 Turbo Ventilator 24": Providing and fixing wind operated tubo ventilator system of various sizes over the e:
- 28 Qty of Material utilised for Royelty For Sand as per statement attached
- 29 Qty of Material utilised for Royelty For Without Sand as per statement attached

Rates taken for preparing the estimate are from current SSR 2021-2022
Estimated cost comes out to Rs. 1,06,56,000/-

Hence,

An Estimate is submitted for necessary sanction..


E.R. CHANDRA PRAKASH SHARMA
B.E. (Civil) M. I. E. (I). F. I. V
CHARTERED ENGINEER & APPROVED VALUER


President

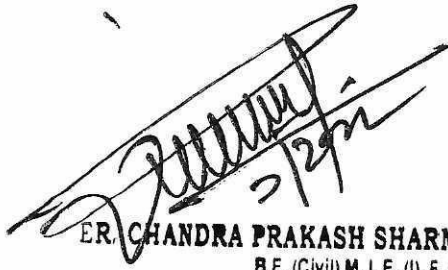
Secretary
Godapurna Agro Producer Co.Ltd.
Tq. & Dist.Jalna.



Name of the Work

Estimate of the Proposed Construction of a Godown of Cleaning unit for "GODAPURNA" Agro-Producer Company Limited on Gut No. 63, Situated at, Vill. Ganesh Nagar, Tq & Dist. Jalna.

RECAPITULATION SHEET

Sr.No.	PARTICULERS	Amount In Rs.
A	Cost of Civil Work for Proposed Construction	9177000.00
B	Add Labour Insurance Charges @ 1%	91770.00
	Total Amount A+B+C	9268770.00
C	Add Goods and Services Tax @ 12%	1112252.40
D	Add 3% Fire Fighting on 9177000.00	275310.00
	Total Estimated Cost	10656332.40
		10656000.00
Rupees, One Hundred Six Lakh Fifty-Six Thousand Only		


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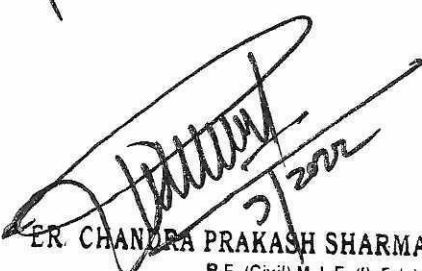

 President

 Secretary
 Godapurna Agro Producer Co.Ltd.
 Tq. & Dist. Jalna.

Name of the Work

Estimate of the Proposed Construction of a Godown of Cleaning unit for "GODAPURNA" Agro-Producer Company Limited on Gut No. 63, Situated at, Vill. Ganesh Nagar, Tq & Dist. Jalna.

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	115.10	Cum	193.00	22214.30
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	33.75	Cum	241.00	8133.75
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	97.23	Cum	1574.10	153049.74
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	518.89	Cum	742.42	385235.80


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Tq. & Dist. Jalna.

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	92.06	Cum	5867.21	540106.02
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	15.53	Cum	7018.16	108956.93
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	18.39	Cum	13339.16	245320.49


E.B. CHANDRA PRAKASH SHARMA
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 To. & Dist.Jalna.


Secretary

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)	22.84	Cum	11835.16	270303.22
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	3.15	Cum	13463.16	42462.81
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] 89703.00/MT	5.60	Mt	71989.04	403138.62
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	0.56	Mt	83537.04	46780.74


President


Secretary

Godapuma Agro Producer Co.Ltd.


ER CHANDRAPRAKASH SHARMA
B.E.(Civil) M.E. (I) F.I.V.

12.0	Providing Second Class brunt 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.27.34, Page No.242] 7514.00/Cum	20.23	Cum	7528.99	152311.47
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	69.83	Cum	7982.99	557412.28
14.0	Providing and fixing colour coated Zincaleum (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.2911 1173.00/Sqm	981.940	Sqm	1095.00	1075224.30
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	256.080	Sqm	268.61	68785.65
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	493.000	Sqm	373.53	184150.29


President



Secretary


Godapurna Agro Producer Co.Ltd.
Ta. & Dist Jalna


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P.E. (CIVIL) M. I. E. (I). F. I. V
CIVIL ENGINEER & APPROVED VALUER


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	546.202	Sqm	846.00	462086.89
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	34.195	Mt	105909.00	3621558.26
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	50.400	Sqm	1845.00	92988.00
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	246.000	Sqm	70.00	17220.00
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	497.280	Sqm	74.00	36798.72


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 Tq. & Dist. Jalna.


 Secretary

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], 4829.00/Sqm	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]	50.400	Sqm	5471.00	275738.40


PR. CHANDRA PRAKASH SHARMA
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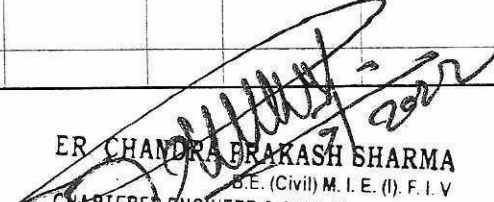
 Secretary
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 Tq. & Dist.Jalna.

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.349], 310.00/Rgm.	20.000	Rgm	285.00	5700.00
26.0	Providing and fixing H.D.P container 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 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. 672] 9702.00/No.	8.000	No	8680.00	69440.00
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.	128.31	Nos	237.37	30456.94
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.	680.56	Nos	216.18	147123.46
30	Carrying out Tests for CEMENT, Standard Consistency Fineness, Specific Gravity, Setting Time (Initial & Final), Compressive Strength, Soundness including all leads and 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 and Stacking etc Completed	1.00	Nos	2600.00	2600.00



President


Secretary

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Ta. & Dist. Jalgaon


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CHARTERED ENGINEER & APPROVED VALUER

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	3.00	Nos	690.00	2070.00
				Total Rs.	9177296.08
				Say Total	9177000.00


 President
 Godapurna
 Tq. & Dist. Jaina.


 Secretary
 Co.Ltd.

Name of the Work :-

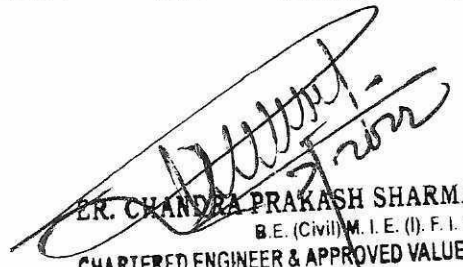
Estimate of the Proposed Construction of a Godown of Cleaning unit for "GODAPURNA" Agro-Producer Company Limited on Gut No. 63, Situated at, Vill. Ganesh Nagar, Tq & Dist. Jalna.

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	16	3.400	0.300	0.300	4.896	115.150
	Gr.II Outer Beams	4	3.285	0.300	0.300	1.183	Cum
	Gr.III Outer Beams	10	2.69	0.30	0.30	2.421	
	C1 to C30	30	1.50	1.50	1.50	101.250	
	Steps	2	3.00	2.00	0.45	5.400	
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 C30	30	1.50	1.50	0.30	20.250	33.750
							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 C30	30	1.50	1.50	0.20	13.500	97.230
	Hall	1	35.84	15.24	0.15	81.930	Cum
	Steps	2	3.00	2.00	0.15	1.800	
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	35.84	15.24	0.95	518.892	518.892
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 C30	30	1.50	1.50	0.15	10.125	92.055
	Hall	1	35.84	15.24	0.15	81.930	Cum


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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 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 C30	30	1.20	1.20	0.23	9.936	15.525
II nd Portion	C1 to C30	30	0.90	0.90	0.23	5.589	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	22	0.23	0.53	0.99	2.655	18.391
Upto Plinth Level	22	0.23	0.53	1.20	3.218	Cum
Up above plinth Level	22	0.23	0.53	3.05	8.179	
Upto Ground Level	8	0.23	0.45	0.99	0.820	
Upto Plinth Level	8	0.23	0.45	1.20	0.994	
Up above plinth Level	8	0.23	0.45	3.05	2.525	

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	16	3.400	0.230	0.450	5.630	22.839
Gr.II Outer Beams	4	3.285	0.230	0.380	1.148	Cum
Gr.III Outer Beams	10	2.69	0.23	0.38	2.351	
Gr.II Tie Beams	5	15.240	0.230	0.380	6.660	
Lintel Beams	2	15.240	0.230	0.300	2.103	
	2	35.840	0.230	0.300	4.946	

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	28	1.800	0.450	0.120	2.722	3.154
	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	15.525	1.000	87.000	1350.675	5602.533
Qty of Column	1	18.391	1.000	98.000	1802.318	Kg
Qty of Beam	1	22.839	1.000	98.000	2238.222	5.600
Qty of Cajja	1	3.154	1.000	67.000	211.318	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.23.34, Page No.236]

10% Qty of Total Steel 0.56
MT

12.0 Providing Second Class brunt 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.27.34, Page No.242]

For Steps block two sides	2	3.000	2.000	0.400	4.800	20.230
	2	3.000	1.750	0.150	1.575	Cum
	2	3.000	1.500	0.150	1.350	
	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	16	3.400	0.230	0.450	5.630	
Gr.II Outer Beams	4	3.285	0.230	0.380	1.148	
Gr.III Outer Beams	10	2.690	0.230	0.380	2.351	

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	16	3.400	0.230	3.000	37.536	85.557
Gr.II Outer Beams	4	3.285	0.230	2.700	8.160	
Gr.III Outer Beams	10	2.690	0.230	3.900	24.129	
Deduction (Shutters)	2	3.000	0.230	3.000	4.140	15.732
Windows W1	28	1.500	0.230	1.200	11.592	69.825
						Cum


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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]

For Roofing	2	36.070	8.000	577.120	981.940
L/s & R/s Wall	2	36.070	3.000	216.420	Sqm
Front & Rear Wall	2	15.700	3.000	94.200	
For Gable End(1/2xBxH)	4	0.500	15.700	3.000	94.200

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	35.840	3.000	215.040	324.480
Hall C/W	2	15.240	3.000	91.440	
Deduction (Shutters)	2	3.000	3.000	18.000	68.400
Windows W1	28	1.500	1.200	50.400	256.080
					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	36.300	4.200	304.920	493.500
Hall C/W	2	15.700	4.200	131.880	Sqm
Column offset	30	0.300	4.200	37.800	
Chajja	28	1.500	0.450	18.900	

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	35.840	15.240	546.202	546.202
					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 $36.30 \times 15.70 = 569.91 \times 60 \text{Kg/Sqm} = 34194.6 \text{Kg}$ 34.195 MT


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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 28 1.500 1.200 50.400 50.400
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.15 246.000
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 Itwm No.16 497.280
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.3111]

Rs1 2 3.000 3.000 18.000 18.000
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]

3 3.000
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 Anodising without box [SSR Item No.39.42, Page No.316]

W1 28 1.500 1.200 50.400 50.400
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


President


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Ta. & Dist Jalna


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CHARITRED ENGINEER & APPROVER VALLIES

26.0	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]	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 L.No. 42 on P.No. 374]		8		8.000 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	BASIC TEST OF CEMENT Standard consistancy Fineness specific Gravity setting Time (Intial & Final) Compressive strength Soundness		1		1.000 No.
31	BASIC TEST OF AGGREGATE Water absorption, specific gravity impact value crushing value		1		1.000 No.
32	BRICKS Water Absorption (set of 5 Bricks) compressieve strength set of 4 Brick (Efflorescence		1		1.000 No.
33	CONCRETE Compressive strength of C.C. Cube (Set of 3 Cubes)		1		1.000 No.


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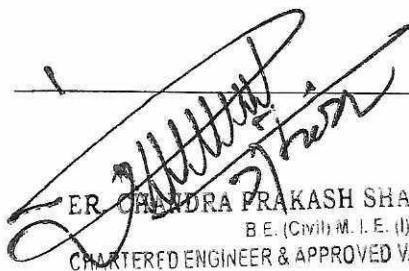
Name of the Work : -

Estimate of the Proposed Construction of a Godown of Cleaning unit for "GODAPURNA"
Agro-Producer Company Limited on Gut No. 63, Situated at, Vill. Ganesh Nagar, Tq & Dist.
Jalna.

RATE ANALYSIS

(Rate Followed by the Govt. of Maharashtra Public works department Schedule
of Rates 2021-22 For State of Maharashtra. w.e.f. 06-08-2021)

Sr.No..	Description	Factor	Lead Charges	Amount/Rate	Unit--
01	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] 193.00/Cum				
	Basic Rate as per SSR 2021-22			193.00	Cum
				193.00	Cum
02	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] 241.00/Cum				
	Basic Rate as per SSR 2021-22			241.00	Cum
				241.00	Cum
03	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] 1294.00/Cum				
	Basic Rate as per SSR 2021-22			1,294.00	Cum
	Add Lead Charges for Rubble/Soling	1.00	245.65	245.65	Add
	Lead Charges for Sand	0.15	229.63	34.45	
				1,574.10	Cum
04	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] 550.00/Cum				
	Basic Rate as per SSR 2021-22			550.00	Cum
	Add Lead Charges for Hard Murum	1.00	192.42	192.42	
				742.42	Cum


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- 05 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] 5538.00/Cum


Basic Rate as per SSR 2021-22			5,538.00	Cum
Add Lead Charges for 40mm Metal	0.70		192.42	134.69Add
Lead Charges for Crushed Metal	0.20	200.79	40.16	Add Lead
Charges for Sand	0.47	229.63	107.93	Add Lead
Charges for Cement	0.22	211.04	46.43	
			<hr/>	
			5,867.21	Cum

- 06 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] 6666.00/cum

Basic Rate as per SSR 2021-22			6,666.00	CumAdd Lead
Charges for Crushed Metal	0.90	200.79	180.71	Add Lead Charges for
Sand	0.425	229.63	97.59	Add Lead Charges for
Cement	0.35	211.04	73.86	
			<hr/>	
			7,018.16	Cum

- 07 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] 12987.00/cum

Basic Rate as per SSR 2021-22			12,987.00	Cum
Add Lead Charges for Crushed Metal	0.90	200.79	180.71	Add Lead
Charges for Sand	0.425	229.63	97.59	Add Lead Charges for
Cement	0.35	211.04	73.86	
			<hr/>	
			13,339.16	Cum


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 Tq. & Dist.Jalna.

- 08 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] 11483.00/cum

Basic Rate as per SSR 2021-22			11,483.00	Cum
Add Lead Charges for Crushed Metal	0.90	200.79	180.71	Add
Lead Charges for Sand	0.425	229.63	97.59	Add Lead
Charges for Cement	0.35	211.04	73.86	
			11,835.16	Cum

- 09 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]13111.00/cum

Basic Rate as per SSR 2021-22			13,111.00	Cum
Add Lead Charges for Crushed Metal	0.90	200.79	180.71	Add Lead
Charges for Sand	0.425	229.63	97.59	Add Lead Charges for
Cement	0.35	211.04	73.86	
			13,463.16	Cum

- 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. [SSR Item No.26.33] 71778.00/MT

Basic Rate as per SSR 2021-22			71,778.00	MtAdd
Lead Charges for Steel	1.00	211.04	211.04	
			71,989.04	Mt

- 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, 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] 83326.00/MT

Basic Rate as per SSR 2021-22			83,326.00	Mt Add
Lead Charges for Steel	1.00	211.04	211.04	
			83,537.04	Mt

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Tq. & Dist. Jalna.

- 12 Providing Second Class brunt 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.27.34] 7116.00/Cum

Basic Rate as per SSR 2021-22				7,116.00	Cum Add
Lead Charges for Bricks		0.475	679.67	322.84	Add Lead Charges for
Sand	0.32	229.63	73.48	73.48	Add Lead Charges for
	0.079	211.04	16.67		
<hr/>					
7,528.99				Cum	<hr/>

- 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] 7570.00/Cum

Basic Rate as per SSR 2021-22				7,570.00	Cu.m
Add Lead Charges for Bricks		0.475	679.67	322.84	Add Lead
Charges for Sand	0.320	229.63	73.48	73.48	Add Lead Charges for
Cement	0.079	211.04	16.67		
<hr/>					
7,982.99				Cu.m	<hr/>

- 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-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]1095.00/Sqm

Basic Rate as per SSR 2021-22				1,095.00	Sqm
<hr/>				1,095.00	Sqm

- 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] 264.00/Sqm

Basic Rate as per SSR 2021-22				264.00	Sqm Add
Lead Charges for Sand		0.015	229.63	3.45	Add Lead Charges for
Cement	0.0055	211.04	1.16		
<hr/>				268.61	Sqm

- 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] 366.00/Sqm

Basic Rate as per SSR 2021-22				366.00	Sqm Add
Lead Charges for Sand		0.025	229.63	5.74	Add Lead Charges for
Cement	0.0085	211.04	1.79		
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- 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] 846.00/Sqm

Basic Rate as per SSR 2021-22 846.00 Sqm

846.00Sqm -----

- 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 anticorrosive paint and over it 2 coats of oil painting approved quality and shade etc. complete. [SSR Item No.23.04] 105909.00/MT

Basic Rate as per SSR 2021-22 1,05,909.00 Mt

1,05,909.00Mt -----

- 19 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] 1845.00/Sq.m

Basic Rate as per SSR 2021-22 1,845.00Sqm

1,845.00 Sqm -----

- 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] 70.00/Sqm

Basic Rate as per SSR 2021-22 70.00 Sqm

70.00Sqm-----

- 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] 74.00/Sqm

Basic Rate as per SSR 2021-22 74.00 Sqm

74.00 Sqm-----

- 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 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] 4310.00/Sqm

Basic Rate as per SSR 2021-22 4,310.00 Sqm

4,310.00 Sqm -----


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- 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] 468.00/No.

Basic Rate as per SSR 2021-22

468.00No

468.00No

- 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 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]

Basic Rate as per SSR 2021-22

5,471.00 Sqm

5,471.00 Sqm

- 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] 285.00 Rgm.

Basic Rate as per SSR 2021-22

285.00Rgm

285.00 Rgm

- 26 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], 13.00/Lit.

Basic Rate as per SSR 2021-22

14.00Ltr


14.00Ltr

- 27 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] 8680.00/No.

Basic Rate as per SSR 2021-22

8680.00No

8680.00 No


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Name of the Work :-

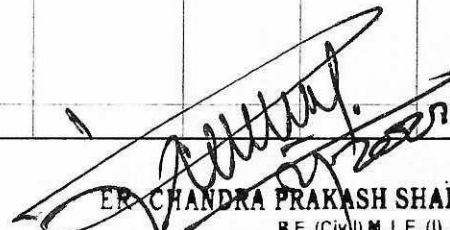
Estimate of the Proposed Construction of a Godown of Cleaning unit for "GODAPURNA" Agro-Producer Company Limited on Gut No. 63, Situated at, Vill. Ganesh Nagar, Tq & Dist. Jalna.

ROYALTY STATEMENT

Item No.	Description	Total Qty.	Unit	Metal 40mm and Above		Metal 40mm and Below		Sand		SM / HM	
				Rate	Quantity	Rate	Quantity	Rate	Quantity	Rate	Quantity
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	97.23	Cum	1.00	97.23			0.150	14.58		
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	518.89	Cum							1.00	518.89
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	92.06	Cum			0.70	64.44	0.470	43.27		
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	15.53	Cum					0.425	6.60		
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	18.39	Cum					0.425	7.82		


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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	22.84	Cum					0.425	9.71		
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	3.15	Cum					0.425	1.34		
12.0	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	20.23	Cum					0.320	6.47		
13.0	Providing Second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in Superstructure including s	69.83	Cum					0.320	22.34		
15.0	Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or brick surfaces,	256.08	Sqm					0.015	3.84		
18.0	Providing internal cement plaster 20mm thick in two coats in cement mortar 1:4 without neeru finish, to concrete, brick surface,	493.50	Sqm					0.025	12.34		
Total Quantity		1607.72			97.23	Cum	64.44	Cum	128.31	Cum	518.89
Total Quantity of Sand For Royalty				128.31 Cum							
Total Amount of Royalty for Sand @ Rs. 237.37/Cum				128.31 x 237.37 = 30456.94							
Total Quantity of other items For Royalty				680.56 Cum							
Total Amount of Royalty for Other minerals @ Rs. 216.18/Cum				680.56 x 216.18 = 147123.46							
Total Amount of Royalty in Rs.				<u>177580.40</u>							


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 Tq. & Dist.Jalna.


 Secretary


 ER. CHANDRA BHARASHI SHARMA
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 CHARTERED ENGINEER & APPROVED VALUER


Name of the Work : -

Estimate of the Proposed Construction of a Godown of Cleaning unit for
"GODAPURNA" Agro-Producer Company Limited on Gut No. 63,
Situating at, Vill. Ganesh Nagar, Tq & Dist. Jalna.


LEAD CHART

(Rate Followed by the Govt. of Maharashtra Public works department
Schedule of Rates 2021-22 For State of Maharashtra. w.e.f. 06-08-2022)

Sr. No.	Item Of Material	Quarry	Lead in KM	Lead Charges	SSR Page No.	Total Lead Charges
01	Rubble	Antarwala	3.00	245.65	716	245.65
02	40 m Metal	Antarwala	3.00	192.42	716	192.42
03	Crushed Metal	Antarwala	3.00	200.79	716	200.79
04	SAND	Dhundna	5.00	229.63	716	229.63
05	Cement	Jalna city	10.00	211.04	710	211.04
06	Bricks	Jalna city	10.00	679.67	710	679.67
07	Steel	Jalna city	10.00	211.04	710	211.04
08	Hard Murrum	Antarwala	3.00	192.42	716	192.42


President
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Secretary


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