

# **DETAILED ESTIMATE**

( AS PER PWD SSR 2022-23)

FOR

**KOKANGABHA AGRO PRODUCTS FARMER PRODUCER COMPANY LTD.**

TOTAL AMOUNT (Rs.) = 34.50 LAKHS

**\* NAME OF WORK \***

CONSTRUCTION OF GODOWN FOR KOKANGABHA AGRO PRODUCTS  
FARMER PRODUCER COMPANY LTD AT GAVANE TQ LANJA DIST  
RATNAGIRI

**CONSULTANT**

**KOKANGABHA AGRO PRODUCTS FARMER PRODUCER COMPANY LTD.**  
AT GAVANE TQ LANJA DIST RATNAGIRI

NAME OF WORK :-CONSTRUCTION OF GODOWN FOR KOKANGABHA AGRO PRODUCTS  
FARMER PRODUCER COMPANY LTD AT GAVANE TQ LANJA DIST RATNAGIRI

**RECAPULATION SHEET**

Sr.	Particulars	AREA	UNIT	AMOUNT(Rs.)
S.W. I	Construction of Godown	288.00	SQ.MTR	2872001.00
S.W. II	Puff Panel	360.00	SQ.MTR	162000.00
S.W. III	Door Work	9.00	SQ.MTR	5541.59
S.W. IV	Royalty Charges			30362.77
	Total			3069905.36
	Add 12% GST			364745.1106
	Add 0.50 % Labour Insurance			15349.53
	<b>Grand Total</b>			<b>3450000.00</b>

**NAME OF WORK :-CONSTRUCTION OF GODOWN FOR KOKANGABHA AGRO PRODUCTS FARMER  
PRODUCER COMPANY LTD AT GAVANE TQ LANJA DIST RATNAGIRI**

**MEASUREMENT SHEET**

SR. NO.	DESCRIPTION OF ITEM	NO.	L	B	D	QTY.
<b>SWI : CIVIL WORK</b>						
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 & 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 ( S.S.R. OF 2022-23 I.No. 21.02 P.No. 153 )					
	FOR COLUMN FOOTING,	21	1.50	1.50	1.200	56.700
		TOTAL QUANTITY				56.700
						Cu.M.
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, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.50 m) By Mechanical Means ( S.S.R. I.No. 21.06 P.No. 153 )					
	FOR COLUMN FOOTING,	21	1.50	1.50	0.290	13.703
		TOTAL QUANTITY				13.703
						Cu.M.
3	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, 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) (S. e-S.S.R. I.No. 24.01 P.No. 175 )					
	FOR COLUMN FOOTING,	21	1.50	1.50	0.100	4.725
	FOR BEAM OF GODOWN	1	60.00	0.53	0.100	3.180
	FOR GODOWN	1	12.00	24.00	0.050	14.400
		TOTAL QUANTITY				22.305
					Cu.M.	
4	Providing and laying Cast in situ/Ready Mix cement concrete M-25 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 ,cover blocks, laying/ pumping, 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 (Crushed sand VSI Grade) ( S- S.S.R. I.No. 25.13, P.No. 178 )					
	FOR COLUMN FOOTING,	21	1.20	1.20	0.450	13.608

**MEASUREMENT SHEET**

<b>SR. NO.</b>	<b>DESCRIPTION OF ITEM</b>	<b>NO.</b>	<b>L</b>	<b>B</b>	<b>D</b>	<b>QTY.</b>
		TOTAL QUANTITY				13.608
						Cu.M.

**MEASUREMENT SHEET**

SR. NO.	DESCRIPTION OF ITEM	NO.	L	B	D	QTY.
5	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawings 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 (Crushed sand VSI Grade) ( S- S.S.R. I.No. 25.33, P.No. 180)					
	FOR COLUMN FOOTING TO PLINTH	21	0.23	0.45	1.390	3.021
	FOR COLUMN ABOVE PLINTH	21	0.23	0.45	5.000	10.868
		TOTAL QUANTITY				13.889
						Cu.M.
6	Providing and laying Cast in situ/Ready Mix cement concrete in M-25 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 (Crushed sand VSI Grade) ( S- S.S.R. I.No. 25.52, P.No. 181)					
	GROUND LEVEL FOR GODOWN	1	60.00	0.23	0.450	6.210
	SLAB LEVEL FOR GODOWN	1	60.00	0.23	0.350	4.830
		TOTAL QUANTITY				11.040
						Cu.M.
7	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings 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 (Crushed sand VSI Grade) ( S.S.R. I.No. 25.72, P.No. 182)					
	FOR GODOWN	1	12.000	24.000	0.100	28.800
		TOTAL QUANTITY				28.800
						Cu.M.

**MEASUREMENT SHEET**

SR. NO.	DESCRIPTION OF ITEM	NO.	L	B	D	QTY.
8	Providing and fixing in position IMT-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 ( S.S.R. I.No.26.33, P.No. 188)					
	Footing	13.61	cum. @	41.00	kg/cum	557.928
	Column	13.89	cum. @	41.00	kg/cum	569.449
	Beam	11.04	cum. @	41.00	kg/cum	452.640
	Slab	28.80	cum. @	41.00	kg/cum	1180.800
	Trimix	57.60	cum. @	41.00	kg/cum	2361.600
					<b>TOTAL</b>	5122.42
						KG
	TOTAL QUANTITY					5.122
						M.T.
9	Providing soling using 80mm. size trap metal in 15cm. layer including filling voids with crused sand/grit, ramming, watering etc. complete. Spec. no. As directed by Engineer in charge . ( S.S.R. I.No.21.40 P.No. 157)					
	FOR GODOWN	1	12.000	24.000	0.100	28.800
		TOTAL QUANTITY				28.800
						CUM
10	Filling in plinth and floors with contractors material/ brought from out side and approved by Engineer incharge in layers of 15 cm to 20 cm including watering and compaction etc. Complete (Spec.No.Bd.A.11 page No.263) (S.S.R.I.No. 21.37, P.No. 157 )					
	FOR GODOWN	1	12.000	24.000	0.100	28.800
		TOTAL QUANTITY				28.800
						Cu.M.
11	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1 kg per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete. Spec. :Bd.L.7 Page No. 369 (S.S.R. I. No. 32.11 P. 209)					
	TO BEAM	3	60.00		0.450	81.000
	TO COLUMN INNER SIDE	21	0.45		5.000	47.250
	TO COLUMN OUTER SIDE	21	0.45		5.000	47.250
	TO COLUMN INNER SIDE	21	0.23		5.000	24.150
	TO COLUMN OUTER SIDE	21	0.23		5.000	24.150
	TO SLAB	1	12.00		24.000	288.000
		TOTAL QUANTITY				511.800
					SQM	

**MEASUREMENT SHEET**

SR. NO.	DESCRIPTION OF ITEM	NO.	L	B	D	QTY.
12	Providing and laying in situ cement concrete M30 with tremix treatment for 200 mm thickness for flooring with groove cutting of 4mm wide and 20mm deep with necessaryrefilling with bitumen etc. complete.					
	(S.S.R. I. No. 33.31 P. 216 )					
	FOR GODOWN	1	12.00	24.00		288.000
		TOTAL QUANTITY				288.000
						SQM
13	Providing and applying two coats of exterior weather shield paint 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					
	(S.S.R.I.No. 35.26, P. No. 225)					
		QTY AS PER PLASTER				511.800
		TOTAL QUANTITY				511.800
						Sq.M.
14	Providing and fixing in position powder coated aluminium louvered windows / ventilator of various sizes with powder coating as per detailed drawing and specifications including aluminium frames 80 x 38 mm x 1.22 mm box type, 5 mm thick sheet glass louvers, of approved quality etc. complete					
	(S.S.R. I.No.39.68 P. No. 259)					
	VENTILATOR	12	3.00		2.000	72.000
		TOTAL QUANTITY				72.000
						Sq.M.
15	Conveying materials obtained from excavation including all lifts,laying in layers of 20cm. to 30cm.breaking clods,dressing to the required lines,curves,grades and section,watering and compacting to not less than 97%of standard proctor density for a lead of 300m.to500m. inclusive,from the site of excavation to the site of deposition as directed.					
	(S.S.R. I.No. 2.26 P. No. 25)					
	AS PER ITEM NO 1 & 2	70.40				70.403
		TOTAL QUANTITY				CUM
16	Providing preconstructional antitermite treatment as per I.S.6313(Part-II) by treating the top surface of plinth filling at the rate of 5 litres of emulsion concentrate at 1.0 percent of clorophyrifos per square metre of surface area covering ten years guarantee on bond paper.					
	(S.S.R. I.No. 21.24 P. No. 158)					
	FOR GODOWN	1	12.00	24.00		288.000
		TOTAL QUANTITY				288.000
						SQM
17	Compacting the sub grade/gravel/oversize metal (200 mm loose) layers for all width with Vibratory roller having weight 8 to 10 MT. including necessary, labour, materials and artificial watering complete					
	(S.S.R. I.No.50.60. P. No. 346)					
	FOR GODOWN	1	12.00	24.00		288.000
		TOTAL QUANTITY				288.000
						SQM

**MEASUREMENT SHEET**

<b>SR. NO.</b>	<b>DESCRIPTION OF ITEM</b>	<b>NO.</b>	<b>L</b>	<b>B</b>	<b>D</b>	<b>QTY.</b>
18	Compacting the hard murum side widths including laying in layers on each side with vibratory roller including artificial watering etc. complete. (S.S.R. I.No.2.31 P. No. 25)					
	FOR GODOWN	1	12.00	24.00		288.000
		TOTAL QUANTITY				288.000
						SQM
<b>SW II : PUFF PANEL</b>						
1	FOR GODOWN PUFF PANEL	1	72.00	5.00		360.000
		TOTAL QUANTITY				360.000
						SQM
<b>SW III : DOOR WORK</b>						
2	FOR DOOR WORK	1	3.00	3.00		9.000
		TOTAL QUANTITY				9.000
						SQM

**NAME OF WORK :-CONSTRUCTION OF GODOWN FOR KOKANGABHA AGRO PRODUCTS FARMER PRODUCER COMPANY LTD AT GAVANE TQ LANJA DIST RATNAGIRI**

**ABSTRACT SHEET**

<b>SR. NO.</b>	<b>DESCRIPTION OF ITEM</b>	<b>QUANTITY</b>	<b>RATE</b>	<b>UNIT</b>	<b>TOTAL AMOUNT</b>
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 & 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 ( S.S.R. OF 2022-23 I.No. 21.02 P.No. 153)				
	RATE ANALYSIS	56.700	207.00	Cu.M.	11737.00
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, ramming, watering including shoring ( S.S.R. I.No. 21.06 P.No. 153 )				
	RATE ANALYSIS	13.703	227.00	Cu.M.	3111.00
3	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, 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 (S. e-S.S.R. I.No. 24.01 P.No. 175 )				
	RATE ANALYSIS	22.305	6618.40	Cu.M.	147623.00
4	Providing and laying Cast in situ/Ready Mix cement concrete M-25 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 ,cover blocks, laying/ pumping, 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. ( S- S.S.R. I.No. 25.13, P.No. 178)				
	RATE ANALYSIS	13.608	7910.85	Cu.M.	107651.00
5	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawings 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 ( S- S.S.R. I.No. 25.33, P.No. 180)				
	RATE ANALYSIS	13.889	14584.08	Cu.M.	202558.00

**ABSTRACT SHEET**

SR. NO.	DESCRIPTION OF ITEM	QUANTITY	RATE	UNIT	TOTAL AMOUNT
6	Providing and laying Cast in situ/Ready Mix cement concrete in M-25 of trap/ granite/ quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction and roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan ( S- S.S.R. I.No. 25.52, P.No. 181)				
	RATE ANALYSIS	11.040	13268.73	Cu.M.	146487.00
7	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings 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 ( S.S.R. I.No. 25.72, P.No. 182)				
	RATE ANALYSIS	28.800	14932.73	Cu.M.	430063.00
8	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 ( S.S.R. I.No.26.33, P.No. 188)				
	RATE ANALYSIS	5.122	89838.46	MT	460153.0
9	Providing soling using 80mm. size trap metal in 15cm. layer including filling voids with crushed sand/grit, ramming, watering etc. complete. Spec. no. As directed by Engineer in ( S.S.R. I.No.21.40 P.No. 157)				
	RATE ANALYSIS	28.800	1734.06	CUM	49941.00
10	Filling in plinth and floors with contractors material/ brought from out side and approved by Engineer incharge in layers of 15 cm to 20 cm including watering and compaction etc. Complete (Spec.No.Bd.A.11 page No.263) (S.S.R.I.No. 21.37, P.No. 157 )				
	RATE ANALYSIS	28.800	794.49	Cu.M.	22881.00
11	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1 kg per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding (S.S.R. I. No. 32.11 P. 209)				
	RATE ANALYSIS	511.800	660.55	Sq.M.	338069.00
12	Providing and laying in situ cement concrete M30 with tremix treatment for 200 mm thickness for flooring with groove cutting of 4mm wide and 20mm deep with necessaryrefilling with bitumen etc. complete (S.S.R. I. No. 33.31 P. 216 )				

**ABSTRACT SHEET**

SR. NO.	DESCRIPTION OF ITEM	QUANTITY	RATE	UNIT	TOTAL AMOUNT
	RATE ANALYSIS	288.000	1493.55	Sq.M.	430142.00
13	Providing and applying two coats of exterior weather shield paint of approved manufacture and of approved colour to the plastered surfaces including cleaning ,preparing the plaster (S.S.R.I.No. 35.26, P. No. 225)				
	RATE ANALYSIS	511.800	295.00	Sq.M.	150981.00
14	Providing and fixing in position powder coated aluminium louvered windows / ventilator of various sizes with powder coating as per detailed drawing and specifications including aluminium frames 80 x 38 mm x 1 22 mm box type 5 mm (S.S.R. I.No.39.68 P. No. 259)				
	RATE ANALYSIS	72.000	3467.00	Sq.M.	249624.00
15	Conveying materials obtained from excavation including all lifts,laying in layers of 20cm. to 30cm.breaking clods,dressing to the required lines,curves,grades and section,watering and compacting to not less than 97%of standard proctor density for a lead of 300m.to500m. inclusive,from the site of excavation to the site of deposition as directed (S.S.R. I.No. 2.26 P. No. 25)				
	RATE ANALYSIS	70.403	393.00	cum	27668.00
16	Providing preconstructional antitermite treatment as per I.S.6313(Part-II) by treating the top surface of plinth filling at the rate of 5 litres of emulsion concentrate at 1.0 percent of clorophyrifos per square metre of surface area covering ten years guarantee on bond paper. (S.S.R. I.No. 21.24 P. No. 158)				
	RATE ANALYSIS	288.000	108.00	sqm	31104.00
17	Compacting the sub grade/gravel/oversize metal (200 mm loose) layers for all width with Vibratory roller having weight 8 to 10 MT. including necessary, labour, materials and artificial watering complete (S.S.R. I.No.50.60. P. No. 346)				
	RATE ANALYSIS	288.000	37.00	sqm	31104.00
18	Compacting the hard murum side widths including laying in layers on each side with vibratory roller including artificial watering etc. complete. (S.S.R. I.No.2.31 P. No. 25)				
	RATE ANALYSIS	288.000	21.00	sqm	31104.00
			<b>TOTAL Rs.</b>		<b>2872001</b>
<b>SW II : PUFF PANEL</b>					
1	FOR GODOWN PUFF PANEL				
		360.000	450.00	SQM	162000.00
			<b>TOTAL Rs.</b>		<b>162000.00</b>
<b>SW III : DOOR WORK</b>					
1	FOR DOOR WORK				
		9.000	616	SQM	5541.59
			<b>TOTAL Rs.</b>		<b>5541.59</b>

**NAME OF WORK :-CONSTRUCTION OF GODOWN FOR KOKANGABHA AGRO PRODUCTS FARMER PRODUCER COMPANY LTD AT GAVANE TQ LANJA DIST RATNAGIRI**

**RATE ANALYSIS AS PER SSR 2022-23**

SR.N O.	DESCRIPTION OF ITEM	QTY.	NET LEAD CHARGES	RATE
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 & 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			
	( S.S.R. OF 2022-23 I.No. 21.02 P.No. 153)			207.00
	TOTAL RATE Rs.			207.00
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, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.50 m) By Mechanical Means			
	( S.S.R. I.No. 21.06 P.No. 153 )			227.00
	TOTAL RATE Rs.			227.00
3	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, 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)			
	(S. e-S.S.R. I.No. 24.01 P.No. 175 )			5830.00
	ADD LEAD CHARGES FOR CEMENT	0.22000	135.46	29.80
	ADD LEAD CHARGES FOR SAND	0.47000	280.05	131.62
	ADD LEAD CHARGES FOR CR METAL	0.24000	280.06	67.21
	ADD LEAD CHARGES FOR 40MM METAL CB	0.70000	268.39	187.87
	@ADD DIFF.COST FOR SAND	0.47000	730.00	343.10
	@ADD DIFF.COST FOR 20MM METAL	0.24000	120.00	28.80
	@ADD DIFF.COST FOR 40MM METAL CB	-0.70000	0.00	0.00
	TOTAL RATE Rs.			6618.40

**RATE ANALYSIS AS PER SSR 2022-23**

SR.N O.	DESCRIPTION OF ITEM	QTY.	NET LEAD CHARGES	RATE
4	Providing and laying Cast in situ/Ready Mix cement concrete M-25 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 ,cover blocks, laying/ pumping, 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 (Crushed sand VSI Grade)			
	( S- S.S.R. I.No. 25.13, P.No. 178)			7287.00
	ADD LEAD CHARGES FOR CEMENT	0.35000	135.46	47.41
	ADD LEAD CHARGES FOR SAND	0.44000	280.05	123.22
	ADD LEAD CHARGES FOR CR METAL	0.33000	280.06	92.42
	@ADD DIFF.COST FOR SAND	0.44000	730.00	321.20
	@ADD DIFF.COST FOR 20MM METAL	0.22000	120.00	26.40
	@ADD DIFF.COST FOR 12MM METAL	0.11000	120.00	13.20
	@ADD DIFF.COST FOR 40MM METAL CB	-0.56000	0.00	0.00
TOTAL RATE Rs.				7910.85 PerCu.M.
5	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawings 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 (Crushed sand VSI Grade)			
	( S- S.S.R. I.No. 25.33, P.No. 180)			13967.00
	ADD LEAD CHARGES FOR CEMENT	0.30000	135.46	40.64
	ADD LEAD CHARGES FOR SAND	0.44000	280.05	123.22
	ADD LEAD CHARGES FOR CR METAL	0.33000	280.06	92.42
	@ADD DIFF.COST FOR SAND	0.44000	730.00	321.20
	@ADD DIFF.COST FOR 20MM METAL	0.22000	120.00	26.40
	@ADD DIFF.COST FOR 12MM METAL	0.11000	120.00	13.20
	TOTAL RATE Rs.			

**RATE ANALYSIS AS PER SSR 2022-23**

<b>SR.N O.</b>	<b>DESCRIPTION OF ITEM</b>	<b>QTY.</b>	<b>NET LEAD CHARGES</b>	<b>RATE</b>
6	Providing and laying Cast in situ/Ready Mix cement concrete in M-25 of trap/ granite/ quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction and roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)			
	( S- S.S.R. I.No. 25.52, P.No. 181)			12452.00
	ADD LEAD CHARGES FOR CEMENT	0.35000	135.46	47.41
	ADD LEAD CHARGES FOR SAND	0.42500	280.05	119.02
	ADD LEAD CHARGES FOR CR METAL	0.85000	280.06	238.05
	@ADD DIFF.COST FOR SAND	0.42500	730.00	310.25
	@ADD DIFF.COST FOR 20MM METAL	0.57000	120.00	68.40
	@ADD DIFF.COST FOR 12MM METAL	0.28000	120.00	33.60
TOTAL RATE Rs.				13268.73 PerCu.M.
7	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings 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 (Crushed sand VSI Grade)			
	( S.S.R. I.No. 25.72, P.No. 182)			14116.00
	ADD LEAD CHARGES FOR CEMENT	0.35000	135.46	47.41
	ADD LEAD CHARGES FOR SAND	0.42500	280.05	119.02
	ADD LEAD CHARGES FOR CR METAL	0.85000	280.06	238.05
	@ADD DIFF.COST FOR SAND	0.42500	730.00	310.25
	@ADD DIFF.COST FOR 20MM METAL	0.57000	120.00	68.40
	@ADD DIFF.COST FOR 12MM METAL	0.28000	120.00	33.60
TOTAL RATE Rs.				14932.73 PerCu.M.
8	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			
	( S.S.R. I.No.26.33, P.No. 188)			89703.00
	ADD LEAD CHARGES FOR STEEL	1.00000	135.46	135.46
TOTAL RATE Rs.				89838.46 PerM.T.

**RATE ANALYSIS AS PER SSR 2022-23**

SR.N O.	DESCRIPTION OF ITEM	QTY.	NET LEAD CHARGES	RATE	
9	Providing soling using 80mm. size trap metal in 15cm. layer including filling voids with crused sand/grit, ramming, watering etc. complete. Spec. no. As directed by Engineer in charge .				
	( S.S.R. I.No.21.40 P.No. 157)			1454.00	
	ADD LEAD CHARGES FOR METAL	1.00000	280.06	280.06	
	TOTAL RATE Rs.			1734.06	PerCU.M.
10	Filling in plinth and floors with contractors material/ brought from out side and approved by Engineer incharge in layers of 15 cm to 20 cm including watering and compaction etc. Complete (Spec.No.Bd.A.11 page No.263)				
	(S.S.R.I.No. 21.37, P.No. 157 )			599.00	
	ADD LEAD CHARGES FOR MURUM-HARD	1.00000	186.49	186.49	
	ADD DIFF.COST FOR MURUM-HARD	1.00000	9.00	9.00	
	TOTAL RATE Rs.			794.49	PerCu.M.
11	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1 kg per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete. Spec. :Bd.L.7 Page No. 369				
	(S.S.R. I. No. 32.11 P. 209)			639.00	
	ADD LEAD CHARGES FOR CEMENT	0.01000	135.46	1.35	
	ADD LEAD CHARGES FOR SAND	0.02000	280.05	5.60	
	@ADD DIFF.COST FOR SAND	0.02000	730.00	14.60	
	TOTAL RATE Rs.			660.55	
12	Providing and laying in situ cement concrete M30 with tremix treatment for 200 mm thickness for flooring with groove cutting of 4mm wide and 20mm deep with necessaryrefilling with bitumen etc. complete.				
	(S.S.R. I. No. 33.31 P. 216 )			1464.00	
	ADD LEAD CHARGES FOR CEMENT	0.01000	135.46	1.35	
	ADD LEAD CHARGES FOR SAND	0.02000	280.05	5.60	
	ADD LEAD CHARGES FOR CR METAL	0.02000	280.06	5.60	
	@ADD DIFF.COST FOR SAND	0.02000	730.00	14.60	
	ADD DIFF.COST FOR CR METAL	0.02000	120.00	2.40	
TOTAL RATE Rs.			1493.55	PerSq.M.	
13	Providing and applying two coats of exterior weather shield paint 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				
	(S.S.R.I.No. 35.26, P. No. 225)			295.00	
	TOTAL RATE Rs.			295.00	PerSq.M.

**RATE ANALYSIS AS PER SSR 2022-23**

<b>SR.N O.</b>	<b>DESCRIPTION OF ITEM</b>	<b>QTY.</b>	<b>NET LEAD CHARGES</b>	<b>RATE</b>
14	Providing and fixing in position powder coated aluminium louvered windows / ventilator of various sizes with powder coating as per detailed drawing and specifications including aluminium frames 80 x 38 mm x 1.22 mm box type, 5 mm thick sheet glass louvers, of approved quality etc. complete.			
	(S.S.R. I.No.39.68 P. No. 259)			3467.00
	TOTAL RATE Rs.			3467.00 PerSq.M.
15	Conveying materials obtained from excavation including all lifts, laying in layers of 20cm. to 30cm. breaking clods, dressing to the required lines, curves, grades and section, watering and compacting to not less than 97% of standard proctor density for a lead of 300m. to 500m. inclusive, from the site of excavation to the site of deposition as directed.			
	(S.S.R. I.No. 2.26 P. No. 25)			393.00
	TOTAL RATE Rs.			393.00 NOS
16	Providing preconstructional antitermite treatment as per I.S.6313(Part-II) by treating the top surface of plinth filling at the rate of 5 litres of emulsion concentrate at 1.0 percent of chlorophyrifos per square metre of surface area covering ten years guarantee on bond paper.			
	(S.S.R. I.No. 21.24 P. No. 158)			108.00
	TOTAL RATE Rs.			108.00 sqm
17	Compacting the sub grade/gravel/oversize metal (200 mm loose) layers for all width with Vibratory roller having weight 8 to 10 MT. including necessary, labour, materials and artificial watering complete			
	(S.S.R. I.No.50.60. P. No. 346)			37.00
	TOTAL RATE Rs.			37.00 sqm
18	Compacting the hard murum side widths including laying in layers on each side with vibratory roller including artificial watering etc. complete.			
	(S.S.R. I.No.2.31 P. No. 25)			21.00
	TOTAL RATE Rs.			21.00 sqm

**NAME OF WORK :-CONSTRUCTION OF GODOWN FOR KOKANGABHA AGRO PRODUCTS FARMER  
PRODUCER COMPANY LTD AT GAVANE TQ LANJA DIST RATNAGIRI**

**LEAD CHART (AS PER SSR-2022-23)**

<b>SR. NO.</b>	<b>MATERIAL</b>	<b>TYPE OF MATERIAL</b>	<b>LOCATION OF QUARRY</b>	<b>LEAD IN KM.</b>	<b>LEAD CHARGES</b>	<b>INITIAL LEAD CHARGES</b>	<b>NET LEAD CHARGES.</b>
1	CEMENT	MANUAL	LANJA	3.00	135.46	0.00	135.46
2	SAND	MACHINE	LANJA	6.00	280.05	0.00	280.05
3	CR METAL	MACHINE	LANJA	6.00	280.06	0.00	280.06
4	40MM METAL CB	MACHINE	LANJA	6.00	268.39	0.00	268.39
5	STEEL	MANUAL	LANJA	3.00	135.46	0.00	135.46
6	BRICKS	MANUAL	LANJA	3.00	436.28	0.00	436.28
7	MURUM-HARD	MACHINE	LOCAL QUARRY	1.00	186.49	0.00	186.49

**NAME OF WORK :-CONSTRUCTION OF GODOWN FOR KOKANGABHA AGRO PRODUCTS FARMER PRODUCER COMPANY LTD AT GAVANE TQ LANJA DIST RATNAGIRI**

**DIFF.COST OF MATERIAL**

<b>SR. NO.</b>	<b>MATERIAL</b>	<b>RATE AS PER SSR OF 2022-23</b>	<b>MARKET RATE</b>	<b>EXCESS</b>	<b>LESS</b>	<b>REMARKS/ EFFECTIVE DATE</b>
1	SAND	1670.00	2400.00	730.00	0.00	Rate As On
2	20MM METAL	1050.00	1170.00	120.00	0.00	Rate As On
3	12MM METAL	1050.00	1170.00	120.00	0.00	Rate As On
4	40MM METAL CB	900.00	950.00	50.00	0.00	Rate As On
5	BRICKS	8.50	9.00	0.50	0.00	Rate As On
6	MURUM-HARD	316.00	325.00	9.00	0.00	Rate As On

**NAME OF WORK :-CONSTRUCTION OF GODOWN FOR KOKANGABHA AGRO PRODUCTS FARMER PRODUCER COMPANY LTD AT GAVANE TQ LANJA DIST RATNAGIRI**

**SW IV : ROYALTY**

SR. NO.	ITEM OF WORK	EXECUTED QUANTITY	NATURAL SAND		CEMENT IN BAGS		METAL		RUBBLE		MURUM	
			FACTOR	QTY.	FACTOR	QTY.	FACTOR	QTY.	FACTOR	QTY.	FACTOR	QTY.
1	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, 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)	22.305	0.4700	10.48	4.40	98.14						
2	Providing and laying Cast in situ/Ready Mix cement concrete M-25 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 ,cover blocks, laying/ pumping, 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 (Crushed sand VSI Grade)	13.608	0.4250	5.78	7.00	95.26						
3	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawings 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 (Crushed sand VSI Grade)	13.889	0.4250	5.90	7.00	97.22						
4	Providing and laying Cast in situ/Ready Mix cement concrete in M-25 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 (Crushed sand VSI Grade)	11.040	0.4250	4.69	7.00	77.28						
5	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings 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 (Crushed sand VSI Grade)	28.800	0.4250	12.24	7.00	201.60						
7	Providing soling using 80mm. size trap metal in 15cm. layer including filling voids with crused sand/grit, ramming, watering etc. complete. Spec. no. As directed by Engineer in charge .	28.800					1.16	33.41				
8	Filling in plinth and floors with contractors material/ brought from out side and approved by Engineer incharge in layers of 15 cm to 20 cm including watering and compaction etc. Complete	28.800									1.000	28.800

13	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1 kg per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete. Spec. :Bd.L.7 Page No. 369	511.800	0.0150	7.68	0.22	112.60						
14	Providing and laying in situ cement concrete M30 with tremix treatment for 200 mm thickness for flooring with groove cutting of 4mm wide and 20mm deep with necessaryrefilling with bitumen etc. complete.	57.60	0.4250	24.48	7.00	403.20						
			<b>Total</b>	<b>71.259</b>		<b>1085.297</b>		<b>33.408</b>		<b>0.000</b>		<b>28.800</b>