

DETAILED ESTIMATE

(AS PER PWD SSR 2020-21)

FOR

JACKFRUITKING AGRO PRODUCER COMPANY LTD.

TOTAL AMOUNT (Rs.) = 1,56,48,445.57 LAKHS

*** NAME OF WORK ***

**CONSTRUCTION OF PROCESSING UNIT FOR JACKFRUITKING
AGRO PRODUCER COMPANY LTD. AT ZAPADE TQ LANJA DIST -
RATNAGIRI.**

CONSULTANT

JACKFRUITKING AGRO PRODUCER COMPANY LTD.
AT ZAPADE TQ LANJA DIST RATNAGIRI

NAME OF WORK :-CONSTRUCTION OF PROCESSING UNIT FOR
JACKFRUITKING AGRO PRODUCER COMPANY LTD. AT ZAPADE TQ LANJA
DIST RATNAGIRI.

RECAPULATION SHEET

Sr.	Particulars	AREA	UNIT	AMOUNT(Rs.)
1	ESTIMATE COST			13635913.80
2	Add Contingency			645268.27
3	GST 10%			1367263.50
	Total			15648445.57
	Grand Total			15648445.57

NAME OF WORK :-CONSTRUCTION OF PROCESSING UNIT FOR JACKFRUITKING AGRO PRODUCER COMPANY LTD. AT ZAPADE TQ LANJA DIST RATNAGIRI.						
MEASUREMENT SHEET						
Sl. No.	DESCRIPTION OF ITEM	NO.	L	B	D	QTY.
SW I : CIVIL WORK						
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					250.20
	(S.S.R. OF 2020-21)					
	FOR COLUMN FOOTING	30	1.95	1.95	1.200	136.89
	FOR TRENCHES	5	19.00	1.00	0.450	42.75
		2	5.00	1.00	0.450	4.50
		3	5.00	1.00	0.450	6.75
		1	7.89	1.00	0.450	3.55
		2	6.00	1.00	0.450	5.40
		2	6.00	1.00	0.450	5.40
	FOR STEPS	5	3.00	2.00	0.300	9.00
	FOR SEPTIC TANK	2	3.00	1.70	2.000	20.40
FOR SOCK PIT	5	1.46	1.46	1.460	15.56	
	TOTAL QUANTITY					250.20
						Cu.M.
2	Excavation for foundation in hard murum					85.65
	(S.S.R. OF 2020-21)					
	FOR COLUMN FOOTING	30	1.95	1.95	0.300	34.22
	FOR SEPTIC TANK	2	3.00	1.70	0.450	4.59
	FOR SOCK PIT	5	1.46	1.46	0.300	3.20
	FOR JACKFRUIT PROCESSING UNIT	1	15.81	18.40	0.150	43.64
	TOTAL QUANTITY					85.65
						Cu.M.
3	Excavation for foundation in Soft Rock 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					65.55
	(S.S.R. OF 2020-21)					
	FOR COLUMN FOOTING	30	1.95	1.95	0.450	51.33
	FOR SEPTIC TANK	2	3.00	1.50	0.300	2.70
	FOR BEAM OF PROCESSING UNIT	1	11.80	0.70	0.150	1.24
	FOR JACKFRUIT PROCESSING UNIT	1	11.42	18.00	0.050	10.28
	TOTAL QUANTITY					65.55
						Cu.M.
4	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap /granite/quartzite/ gneiss metal for R.C.C. work in foundations including bailing out water, Steel centering, formwork ,cover blocks, laying/ pumping, compaction and curing roughening the surface if special finish is to be provided (Including reinforcement and structural steel)					223
	(S.S.R. OF 2020-21)					
	FOR COLUMN FOOTING,	30	1.95	1.95	0.200	22.82
		5	19.00	1.00	0.200	19.00
		2	5.00	1.00	0.200	2.00
		3	5.00	1.00	0.200	3.00
		1	7.89	1.00	0.200	1.58
		2	6.00	1.00	0.200	2.40
		2	6.00	1.00	0.200	2.40
	STRUCTURAL STEEL WORK	2	29.80	19.00	0.150	169.86
		TOTAL QUANTITY				
						Cu.M.
5	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 (Including reinforcement and structural steel)					167
	(S.S.R. OF 2020-21)					
	FOR COLUMN FOOTING,	30	1.95	1.95	0.600	68.45
	FOR JACKFRUIT PROCESSING UNIT	2	12.97	19.00	0.200	98.57
		TOTAL QUANTITY				
						Cu.M.
6	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,(including 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.					155.56
	(S.S.R. OF 2020-21)					
	Including Structural Steel Work					
	FOR COLUMN FOOTING TO PLINTH	30	0.60	0.45	1.48	11.99
	FOR COLUMN ABOVE PLINTH	30	0.60	0.45	10.03	81.27
	FOR JACKFRUIT PROCESSING UNIT	23	0.60	0.45	10.03	62.31
	TOTAL QUANTITY					155.56
						Cu.M.
	Providing and laying Cast in situ/Ready Mix cement					80
	(S.S.R. OF 2020-21)					
	FOR PLINTH BEAM	5	18.000	0.230	0.450	9.32
		5	48.530	0.230	0.450	25.11
		2	6.000	0.230	0.450	1.24
		2	5.000	0.230	0.450	1.04
		3	3.500	0.230	0.450	1.09
		1	7.000	0.230	0.450	0.73
	2	5.000	0.230	0.450	1.04	

7		2	3.000	0.230	0.450	0.62
	FOR LINTEL BEAM	5	18.000	0.230	0.450	9.32
		5	48.530	0.230	0.450	25.11
		2	6.000	0.230	0.450	1.24
		2	5.000	0.230	0.450	1.04
		3	3.500	0.230	0.450	1.09
		1	8.000	0.230	0.450	0.83
		2	4.000	0.230	0.450	0.83
		2	2.000	0.230	0.450	0.41
		TOTAL QUANTITY				80.00
					Cu.M.	
8	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap/ granite / quartzite/ gneiss metal for R.C.C. Chajja 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,(including 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.			16		
	(S.S.R. OF 2020-21)					
	FOR PLINTH BEAM	2	18.00	1.21	0.10	4.36
		2	48.53	1.20	0.10	11.65
	TOTAL QUANTITY					16.00
					Cu.M.	
9	Providing and laying Cast in Situ / Ready Mix (S.S.R. OF 2020-21)			22		
	FOR SLAB	1	12.000	13.850	0.125	20.78
	SEPTIC TANK	2	3.00	1.70	0.125	1.28
	TOTAL QUANTITY					22.00
					Cu.M.	
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			8		
	(S.S.R. OF 2020-21)					
	Footing	223.00	cum. @	16.05	kg/cum	3579.15
	Column	155.56	cum. @	16.00	kg/cum	2488.97
	Beam	80.00	cum. @	16.50	kg/cum	1320.00
	Slab	22.00	cum. @	16.00	kg/cum	352.00
	Chajja	16.00	cum. @	16.00	kg/cum	256.05
				TOTAL		7996.16
					KG	
				TOTAL QUANTITY		8.00
					M.T.	
11	Providing laterite stone masonry in cement mortar 1:6 in foundation and plinth including striking joints on the unexposed faces and watering complete. (Laterite stone six sides cut and thickness of mortar joints shall be 12 milimetre maximum)			92		
	(S.S.R. OF 2020-21)					
	UP TO PLINTH LEVEL	5	18.000	0.230	1.200	24.84
		2	48.530	0.230	1.200	26.79
		2	6.000	0.230	1.200	3.31
		2	4.700	0.230	1.200	2.59
		3	4.000	0.230	1.200	3.31
		1	7.000	0.230	1.200	1.93
		2	5.000	0.230	1.200	2.76
		2	3.000	0.230	1.200	1.66
		5	18.000	0.230	1.200	24.84
	TOTAL QUANTITY				92.00	
					Cu.M.	
12	Providing Laterite Stone masonry in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. Complete			125		
	(S.S.R. OF 2020-21)					
	ABOVE PLINTH LEVEL	5	18.000	0.380	1.500	51.30
		2	48.530	0.380	1.500	55.32
		2	4.500	0.450	1.500	6.08
		2	4.700	0.450	1.500	6.35
	2	4.500	0.450	1.500	6.08	
	TOTAL QUANTITY				125.00	
					Cu.M.	
13	Providing and fixing frame work / without ventilator of size as specified with Country cut teak wood for doors and windows including chamfering, rounding, rebating, iron holdfast of size 300mm x 40mm x 5mm with oil painting, etc.			0.50		
	FOR DOOR FRAME				0.50	
	TOTAL QUANTITY				0.50	
					Cu.M.	
14	Providing and fixing Country cut teak wood double doors			14		
	FOR DOOR SHUTTER				14.00	
	TOTAL QUANTITY				36	
					SQM	
15	Providing and fixing in position (as per 2008 / 2002)			36		
	WINDOW.....W1	10	1.50	1.20		18.00
	W2	8	1.50	1.20		14.40
	W3	3	1.20	1.00		3.60
	TOTAL QUANTITY				36.00	
					SQM	
16	Providing and fixing steel ventilator fully glazed partly fixed as per detailed drawing with hot dipzinc coating including fabrication glazing with plain obscured glass pans 5mm thick and approved type quality and iron oxidized fixture sand fastening with square bars 12mm 10cm/candool painting complete.			34		
	FOR VENTILATOR	13	3.00	0.60		23.40
		7	1.81	0.60		7.60
		5	1.00	0.60		3.00
	TOTAL QUANTITY					34.00
					SQM	

17	Providing and fixing Mild steel grill Window /gate as per the detailed drawing including hinges, locking arrangements and painting in three coats of oil paint of approved colour and shade etc.complete.(weight18kg.to20 kg. Per Sq.m.)	36			
	WINDOW.....W1	10	1.50	1.20	18.00
	W2	8	1.50	1.20	14.40
	W3	3	1.20	1.00	3.60
	TOTAL QUANTITY				36.00
				SQM	
18	Providing and laying vitrified mirror / glossy finish tiles decorative type having size 590 mm to 605 mm x 590 mm to 605 mm of 8 to 10 mm thickness and conforming to IS. 15622- 2006 (group Bla) of approved make, shade and pattern for flooring in required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints, curing and clearing etc. complete.	352.54			
	WAREHOUSE	1.00	18.00	16.00	288.00
	PACKING DISPATCH HOUSE	1.00	7.06	6.88	48.54
	WAITING AREA	1.00	5.00	3.20	16.00
	TOTAL QUANTITY				352.54
				SQM	
19	Providing and laying vitrified mirror / glossy finish tiles having size 590 mm to 605 mm x 590 mm to 605 mm of 8 to 10 mm thickness and conforming to IS. 15622-2006 (group Bla) of approved make, shade and pattern for flooring in required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints, curing and clearing etc. complete.	145			
	PACK HOUSE	1.00	6.97	7.23	50.39
		1.00	5.04	5.19	26.16
	QP	1.00	10.79	3.22	34.74
	COLD STORAGE	1.00	5.93	5.69	33.74
TOTAL QUANTITY				145.00	
				SQM	
20	Providing and laying Ceramic tiles of approved quality of size 30cm x 30cm and conforming to IS15622-2006 (Group-B1A) for antiskid flooring in required position laid on a bed of 1:4 cement mortar including cement float, filling joint with cement slurry cleaning curing etc. complete.	52.32			
	FOR TOILET	1	3.25	3.00	9.75
		1	3.51	3.00	10.53
		1	2.47	2.22	5.48
	ELECTRIC ROOM	1	3.19	4.41	14.07
	CABIN	1	3.13	3.99	12.48
	TOTAL QUANTITY				52.32
				SQM	
21	Providing and laying ceramic tiles having size 300mm x 300mm	65			
	SKIRTING	1	650.00	0.10	65.00
	TOTAL QUANTITY			65.00	
				SQM	
22	Providing and laying in position flooring of telephone black /amba white/ cat bary brown/ ruby red/ ocean brown granite stone of approved shade and size 18 mm to 20mm thick on bed 1:6 cement mortar including cement floats skirting joints,pointing in CM 1:3 curing and cleaning etc. complete.	90			
	GODOWN	1	6.43	14.00	90.00
	TOTAL QUANTITY			90.00	
				SQM	
23	Providing and fixing machine cut machine polished 18 mm to 20 mm thick telephone black /Amba White /Catbarybrown /RBired /Ocean Brown granite stone for of approved colour and shade with full moulding and three groove d line for the treads on bed of 1 : 4 Cement mortar including float filling joints with neat cement slurry curing polishing and cleaning etc. complete.	100			
	GODOWN	1	9.50	10.53	100.04
	TOTAL QUANTITY				100.00
				SQM	
24	Providing internal cement plaster 20mm thick in single coat in cement mortar 1:3 without neeru finish to concrete or brick surfaces, in all position including scaffolding and curing etc. complete.	253.24			
	INTERNAL PLASTER	4	8.96	4.00	143.36
		3	5.01	7.05	105.96
		1	1.99	1.97	3.92
	TOTAL QUANTITY				253.24
				SQM	
25	Providing internal cement plaster 12mm thick in single coat in cement mortar 1:3 without neeru finish to concrete or brick surfaces, in all position including scaffolding and curing etc. complete.	253.54			
	INTERNAL PLASTER	2	31.00	4.00	248.00
		1	2.30	2.41	5.54
	TOTAL QUANTITY			253.54	
				SQM	
26	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.	150.65			
	EXTERNAL PLASTER	1	20.99	4.00	83.94
		1	16.68	4.00	66.72
	TOTAL QUANTITY				150.65
				SQM	
27	Providing and applying two coats of wall care for L.T.WALL	800			
	FOR L.T.WALL	8	18.000	3.000	432.00
		2	48.530	3.000	291.18
		2	5.600	3.000	33.60
		2	1.700	2.500	8.50
		4	3.500	2.500	35.00

		TOTAL QUANTITY			800.00
					SQM
28	Providing and applying priming coat on concrete/masonry/ Asbestos Cement plastered surfaces including scaffolding if necessary, preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter and sand papering as required etc. complete.	350.65			
		4	18.000	3.000	216.00
		2	16.000	3.000	96.00
					38.65
		TOTAL QUANTITY			350.65
					SQM
29	Providing and applying Washable oilbound distemper paint of approved quality, colour and shade to old/new surface in two coats including scaffolding, prepare the surface. (excluding primer coat) etc. complete.	350.65			
	Same as per Item No. 28	350.65			350.65
		TOTAL QUANTITY			350.65
					SQM
30	Providing and applying two coats of exterior	550			
		2	48.00	4.00	384.00
		2	18.00	4.00	144.00
					22.00
		TOTAL QUANTITY			550.00
					SQM
31	Providing and applying two coat of lead/zinc base oil paint/ bituminous paint of approved colour and shade to new wood work and fiber boards including preparing the surface knotting, scaffolding if necessary.	11.35			
		11.35			11.35
		TOTAL QUANTITY			11.35
					SQM
32	Providing and fixing European type Colour glazed earthenware water closet pan with UPVC seat and lid with chromium plated brass hinges and rubber buffers including UPVC and vent pipe up to the outside face of wall 10 liter enameled low level flushing cistern with fittings pipe stop tap brackets for fixing cistern 32 mm dia. UPVC flush pipe with fittings and clamps, 20 mm dia UPVC overflow pipe, mosquito proof couplings G.I. chain and pulley,with water Jet and fitting including cutting and making good to the walls and floors testing etc. complete.	8			
		8			8.00
		TOTAL QUANTITY			8.00
					NO.
33	Providing and fixing white Glazed earthenware toilet pan	10			
		10			10.00
		TOTAL QUANTITY			10.00
					NO.
34	Providing, laying & fixing P.V.C. pipe of 20mm dia. with fittings	400			
		400			400.00
		TOTAL QUANTITY			400.00
					RMT
35	Providing, laying & fixing P.V.C. pipe of 32mm dia. with fittings	400			
		400			400.00
		TOTAL QUANTITY			400.00
					RMT
36	Providing and fixing screw down 32 mm dia. wheeled stop tap	300			
	OTHER Material	300			300.00
		TOTAL QUANTITY			300.00
					NO.
37	Providing and fixing screw down 15 mm dia. wheeled stop tap	20			
		20			20.00
		TOTAL QUANTITY			20.00
					NO.
38	Providing and fixing 100 mm dia stabiliser pipe/ P.V.C. soil	400			
	100 mm dia stabiliser pipe/ P.V.C. soil vent/waste pipe	400			400.00
		TOTAL QUANTITY			400.00
					RMT
39	Providing and constructing brick masonry inspection trap	8			
		8			8.00
		TOTAL QUANTITY			8.00
					NO.
40	Providing soak pit of size 120cm x 120cm x 120cm including	3			
		3			3.00
		TOTAL QUANTITY			3.00
					SQM
41	Providing and fixing white glazed w/c toilet trap	5			
		5			5.00
		TOTAL QUANTITY			5.00
					SQM
42	Mirror 40" 50" cm. with plastic frame.	5			
		5			5.00
		TOTAL QUANTITY			5.00
					NO.
43	Filling in pinn and noors with approved excavated material in	235			
	Plinth Filling	235			235.00
		TOTAL QUANTITY			235.00
					SQM
44	Providing and fixing 10cm C.I. Nahani Trap including C.I.	5			
	10cm C.I. Nahani Trap	5			5.00
		TOTAL QUANTITY			5.00
					SQM
45	Providing and fixing corrugated galvanised iron sheets of	135			
		2	10.00	6.75	135.00
		TOTAL QUANTITY			135.00
					SQM

NAME OF WORK :-CONSTRUCTION OF PROCESSING UNIT FOR JACKFRUITKING AGRO PRODUCTS COMPANY LTD AT ZAPADE - LANJA ,DIST - RATNAGIRI.416701.

ABSTRACT SHEET

SR. NO.	DESCRIPTION OF ITEM	QUANTIT Y	RATE	UNIT	TOTAL AMOUNT
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 (S.S.R. OF 2020-21)				
	RATE ANALYSIS-1	250.20	251.00	Cu.M.	62800.20
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. (S.S.R. OF 2020-21)				
	RATE ANALYSIS-2	85.65	452.00	Cu.M.	38713.80
3	Excavation for foundation in Soft Rock including (S.S.R. OF 2020-21)				
	RATE ANALYSIS-3	65.55	652.00	Cu.M.	42738.60
4	Providing and laying Cast 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, including bailing out water, Steel centering, formwork ,cover blocks, laying/ pumping, compaction and curing roughening the surface if special finish is to be provided (Including reinforcement and structural steel) (S.S.R. OF 2020-21)				
	RATE ANALYSIS-4	223.00	8562.00	Cu.M.	1909326.00
5	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 (Including reinforcement (S.S.R. OF 2020-21)				
	RATE ANALYSIS-5	167.00	10255.00	Cu.M.	1712585.00

6	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,(including reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type (S.S.R. OF 2020-21)				
	RATE ANALYSIS-6	155.56	12202.19	Cu.M.	1898172.68
7	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. (Including reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (S.S.R. OF 2020-21)				
	RATE ANALYSIS-7	80.00	13546.69	Cu.M.	1083735.20
8	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap/ granite / quartzite/ gneiss metal for R.C.C. Chajja 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,(including reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type (S.S.R. OF 2020-21)				
	RATE ANALYSIS-8	16.00	15151.59	Cu.M.	242425.44
9	Providing and laying Cast in Situ / Ready Mix cement concrete M-25 of trap/ granite / quartzite/ gneiss metal for R.C.C. Slab 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,(including reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type (S.S.R. OF 2020-21)				
	RATE ANALYSIS-9	22.00	13254.89	Cu.M.	291607.58

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 (S.S.R. OF 2020-21)				
	RATE ANALYSIS-10	8.00	78955.80	MT	631646.40
11	Providing laterite stone masonry in cement mortar 1:6 in foundation and plinth including striking joints (S.S.R. OF 2020-21)				
	RATE ANALYSIS-11	92.00	6856.00	Cu.M.	630752.00
12	Providing Laterite Stone masonry in cement mortar 1:6 in superstructure including striking joints, raking (S.S.R. OF 2020-21)				
	RATE ANALYSIS-12	125.00	6853.00	Cu.M.	856625.00
13	Providing and fixing frame with / without ventilator of size as specified with Country cut teak wood for (S.S.R. OF 2020-21)				
	RATE ANALYSIS-13	0.50	201480.40	MT	100740.20
14	Providing and fixing Country cut teak wood double or single leaf second class fully panelled door shutter (S.S.R. OF 2020-21)				
	RATE ANALYSIS-14	12.00	5161.20	MT	61934.40
15	Providing and fixing in position (as per 1868 / 1982) Alluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm at weight 0.637 kg/Rmt. with window rame 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 o.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 with box (S.S.R. OF 2020-21)				
	RATE ANALYSIS-15	36.00	6408.60	Sq.M.	230709.60
16	Providing and fixing steel ventilator fully glazed partly fixed as per detailed drawing with hot dipzinc coating including fabrication glazing with plain obscured glass pans 5mm thix and approved type quality and iron oxidized fixture sand fastening with square bars 12mm 10cmc/candoil painting complete. (S.S.R. OF 2020-21)				
	RATE ANALYSIS-16	34.00	5865.00	Sq.M.	199410.00
17	Providing and fixing Mild steel grill Window /gate as per the detailed drawing i ncluding hinges, locking arrangements and paint ing in three coats of oil paint of approved colour and shade etc.complete.(weight18kg.to20 kg. Per Sq.m.)Spec.No.: As directed by Engineer- in-charge. (S.S.R. OF 2020-21)				

	RATE ANALYSIS-17	36.00	5241.00	Sq.M.	188676.00
18	Providing and laying vitrified mirror / glossy finish tiles decorative type having size 590 mm to 605 mm x 590 mm to 605 mm of 8 to 10 mm thickness and confirming to IS. 15622- 2006 (group Bla) of approved make, shade and pattern for flooring in required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints, curing and clearing etc. (S.S.R. OF 2020-21)				
	RATE ANALYSIS-18	352.54	1080.56	Sq.M.	380940.62
19	Providing and laying vitrified mirror / glossy finish tiles having size 590 mm to 605 mm x 590 mm to 605 mm (S.S.R. OF 2020-21)				
	RATE ANALYSIS-19	145.00	1974.96	Sq.M.	286369.20
20	Providing and laying Antiskid Ceramic tiles of approved quality of size 30cm x 30cm and (S.S.R. OF 2020-21)				
	RATE ANALYSIS-20	52.32	1030.64	Sq.M.	53923.08
21	Providing and laying ceramic tiles having size 30cm x 30cm, confirming to corresponding I.C. for data (S.S.R. OF 2020-21)				
	RATE ANALYSIS-21	65.00	1063.92	Sq.M.	69154.80
22	Providing and laying in position flooring of telephone black /Amha white / cat paw brown / ruby red / (S.S.R. OF 2020-21)				
	RATE ANALYSIS-22	90.00	3617.12	Sq.M.	325540.80
23	Providing and fixing machine cut machine polished 10 mm to 20 mm thick telephone black /Amha White (S.S.R. OF 2020-21)				
	RATE ANALYSIS-23	100.00	1227.20	Sq.M.	122720.00
24	Providing internal cement plaster 20mm thick in single coat in cement mortar 1:3 without neeru finish to oncrete or brick surfaces, in all position including scaffolding and curing etc. complete. (S.S.R. OF 2020-21)				
	RATE ANALYSIS-24	253.24	856.00	Sq.M.	216773.44
25	Providing internal cement plaster 12mm thick in single coat in cement mortar 1:3 without neeru finish to oncrete or brick surfaces, in all position including scaffolding and curing etc. complete. (S.S.R. OF 2020-21)				
	RATE ANALYSIS-25	253.54	998.00	Sq.M.	253032.92
26	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 (S.S.R. OF 2020-21)				
	RATE ANALYSIS-26	150.65	1025.00	Sq.M.	154416.25
27	Providing and applying two coats of wall care Putty of 2mm thickness for plastered surface and 5-6mm (S.S.R. OF 2020-21)				
	RATE ANALYSIS-27	800.00	352.00	Sq.M.	281600.00
28	Providing and applying priming coat on concrete/ masonry/ Asbestos Cement plastered surfaces including (S.S.R. OF 2020-21)				
	RATE ANALYSIS-28	350.65	421.00	Sq.M.	147623.65

29	Providing and applying Washable oilbound distemper paint of approved quality, colour and shade to old/new surface in two coats including scaffolding, prepare the surface. (excluding primer coat) etc. complete.				
	(S.S.R. OF 2020-21)				
	RATE ANALYSIS-29	350.65	210.00	Sq.M.	73636.50
30	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 two days etc complete. NOTE: For Item No. 15 to 18 prior approval of Superintending Engineer will be				
	(S.S.R. OF 2020-21)				
	RATE ANALYSIS-30	550.00	201.76	Sq.M.	110968.00
31	Providing and applying two coat of lead/zinc base oil paint/ bituminous paint of approved colour and shad to new wood work and fiber boards including preparing the surface knotting, scaffolding if necessary.				
	(S.S.R. OF 2020-21)				
	RATE ANALYSIS-31	11.35	70.72	Sq.M.	802.67
32	Providing and fixing European type Colour glazed earthenware water closet pan with UPVC seat and lid with chromium plated brass hinges and rubber buffers including UPVC and vent pipe up to the outside face of wall 10 liter enameled low level flushing cistern with fittings pipe stop tap brackets for fixing cistern 32 mm dia. UPVC flush pipe with fittings and clamps ,20 mm dia.UPVC overflow pipe ,mosquito proof couplings G.I. chain and pulley,with water Jet and fitting including cutting and making good to the walls and floors testing etc. complete.				
	(S.S.R. OF 2020-21)				
	RATE ANALYSIS-32	8.00	9304.88	NO.	74439.04
33	Providing and fixing White Glazed Earthenware full stall type Urinal with P.V.C. flushing cistern of 5 liters capacity with fitting, inlet pipes and stop tap, brackets for fixing the cistern, 32 mm dia. P.V.C flush pipe with fittings and flushing arrangement including lead soil pipe, lead trap, soil pipe connection up to the outside face of the wall				
	(S.S.R. OF 2020-21)				
	RATE ANALYSIS-33	10.00	7529.60	NO.	75296.00
34	Providing, laying & fixing P.V.C. pipe of 20mm dia. with fittings such as bends, tees, reducers, clamps, etc. including necessary excavation, trench filling etc. complete				
	(S.S.R. OF 2020-21)				
	RATE ANALYSIS-34	400.00	92.56	RMT	37024.00
35	Providing, laying & fixing P.V.C. pipe of 32mm dia. with fittings such as bends, tees, reducers, clamps, etc. including necessary trench filling etc. complete				
	(S.S.R. OF 2020-21)				
	RATE ANALYSIS-35	400.00	169.52	RMT	67808.00

36	Providing and fixing screw down 32 mm dia. wheeled stop tap of brass including necessary sockets/union nut complete				
	(S.S.R. OF 2020-21)				
	RATE ANALYSIS-36	300.00	865.00	NO.	259500.00
37	Providing and fixing screw down 15 mm dia. wheeled stop tap of brass including necessary sockets/union nut complete				
	(S.S.R. OF 2020-21)				
	RATE ANALYSIS-37	20.00	388.96	NO.	7779.20
38	Providing and fixing 100 mm dia stabiliser pipe/ P.V.C. soil vent/waste pipe and with necessary fixtures and fitting such as bends, tees, single junctions, slotted vent, clamps etc. complete.				
	(S.S.R. OF 2020-21)				
	RATE ANALYSIS-38	400.00	400.00	RMT	160000.00
39	Providing and constructing Brick Masonry inspection trap Chamber 90cm x 45cm including 1:4:8 C.C foundation, 1:2:4 C.C.channels/half round glazed stoneware pipe channel, salt glazed stoneware intercepting trap with rodding pipe set in 1:4:8 cement concrete block, brick masonry plastering inside and Outside, fixed in cement concrete with R.C.C. Cover.				
	(S.S.R. OF 2020-21)				
	RATE ANALYSIS-39-39	8.00	8414.64	NO.	67317.12
40	Providing soak pit of size 120cm x 120cm x 120cm including excavating and filling with brickbats				
	(S.S.R. OF 2020-21)				
	RATE ANALYSIS-40	3.00	3521.00	NO.	10563.00
41	Providing and fixing White glazed with bottle trap earthenware Wash Hand Basin of 63x45 cm size including cold water pillar taps, brackets, rubber plugs and brass chain, stop tap, chromium plate bottle trap and necessary pipe connections including UPAC waste pipe and trap upto the outside face of the wall, making good the damaged surface, testing etc. complete. (BRAND HINDWARE/ JOHNSON/PARRYWARE/ VIENA/ AMERICAN STANDARiv) .				
	(S.S.R. OF 2020-21)				
	RATE ANALYSIS-41	5.00	4536.48	NO.	22682.40
42	Mirror 40* 50* cm. with plastic frame.				
	(S.S.R. OF 2020-21)				
	RATE ANALYSIS-42	5.00	291.20	NO.	1456.00
43	Filling in plinth and floors with approved excavated material in 15cm. to 20cm. layers including watering and compacting etc. complete.				
	(S.S.R. OF 2020-21)				
	RATE ANALYSIS-43	235.00	88.40	Cu.M.	20774.00
44	Providing and fixing 10cm C.I. Nahani Trap including C.I. grating bend and piece of C.I. pipe upto the outside face of the wall complete.				
	(S.S.R. OF 2020-21)				
	RATE ANALYSIS-44	5.00	1025.00	NO.	5125.00

45	Providing and fixing corrugated galvanised iron sheets of 0.63 mm thick (24B.W.G.) for roofing without wind tiles including fastening with galvanised irons crew sand bolts, lead and bitumen washers as per drawing etc. complete.				
	(S.S.R. OF 2020-21)				
	RATE ANALYSIS-45	135.00	1230.00	Sq.M.	166050.00
		TOTAL Rs.			13635913.80

NAME OF WORK :-CONSTRUCTION OF PROCESSING UNIT FOR JACKFRUITKING AGRO PRODUCTS COMPANY LTD AT ZAPADE - LANJA ,DIST - RATNAGIRI.416701.

RATE ANALYSIS AS PER SSR 2020-21

SR. NO.	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 2020-21)			251.00
	TOTAL RATE Rs.			251.00 PerCu.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 (S.S.R. OF 2020-21)			452.00
	TOTAL RATE Rs.			452.00 PerCu.M.
3	Excavation for foundation in Soft Rock including (S.S.R. OF 2020-21)			652.00
	TOTAL RATE Rs.			652.00 PerCu.M.
4	Providing and laying Cast in situ/Ready Mix Cement concrete M-25 of trap/ granite/ quartzite/ gneiss (S.S.R. OF 2020-21)			7774.00
	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.			8562.00 PerCu.M.
	5	Providing and laying Cast in situ/Ready Mix Cement concrete M-25 of trap/ granite/ quartzite/ gneiss (S.S.R. OF 2020-21)		
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.				10255.00 PerCu.M.
6		Providing and laying Cast in situ/Ready Mix cement (S.S.R. OF 2020-21)		
	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.			12202.19 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. 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. (Including reinforcement and structural steel),with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix (S.S.R. OF 2020-21)			12929.61
	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.			13546.69 PerCu.M.
8	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap/ granite / quartzite/ gneiss metal for R.C.C. Chajja 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,(including reinforcement and structural steel),with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete (S.S.R. OF 2020-21)			14334.86
	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.			15151.59 PerCu.M.
9	Providing and laying Cast in Situ / Ready Mix (S.S.R. OF 2020-21)			12438.16
	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

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	@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.			13254.89	PerCu.M.
10	Providing and fixing in position TMT-FE-500 bar (S.S.R. OF 2020-21)			78820.34	
	ADD LEAD CHARGES FOR STEEL	1.00000	135.46	135.46	
	TOTAL RATE Rs.			78955.80	PerM.T.
11	Providing laterite stone masonry in cement mortar 1:6 in foundation and plinth including striking joints on the unexposed faces and watering complete. (Laterite stone six sides cut and thickness of mortar joints shall be 12 millimetre maximum)			6256.21	
	AS PER GR			6256.21	
	ADD LEAD CHARGES FOR CEMENT	0.35000	135.46	47.41	
	ADD LEAD CHARGES FOR SAND	0.21000	280.05	119.02	
	ADD LEAD CHARGES FOR CR METAL	0.56000	280.06	0.00	
	@ADD DIFF.COST FOR SAND	0.21000	730.00	153.30	
	@ADD DIFF.COST FOR 20MM METAL	0.57000	120.00	0.00	
	@ADD DIFF.COST FOR 12MM METAL	0.28000	120.00	0.00	
	ADD LEAD CHARGES FOR METAL	1.00000	280.06	280.06	
	TOTAL RATE Rs.			6856.00	PerCU.M.
12	Providing Laterite Stone masonry in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. Complete			6253.21	
	AS PER GR			6253.21	
	ADD LEAD CHARGES FOR CEMENT	0.35000	135.46	47.41	
	ADD LEAD CHARGES FOR SAND	0.21000	280.05	119.02	
	ADD LEAD CHARGES FOR CR METAL	0.56000	280.06	0.00	
	@ADD DIFF.COST FOR SAND	0.21000	730.00	153.30	
	@ADD DIFF.COST FOR 20MM METAL	0.57000	120.00	0.00	
	@ADD DIFF.COST FOR 12MM METAL	0.28000	120.00	0.00	
	ADD LEAD CHARGES FOR METAL	1.00000	280.06	280.06	
	TOTAL RATE Rs.			6853.00	PerCU.M.
13	Providing and fixing frame with / without ventilator of size as specified with Country cut teak wood for doors and windows including chamfering, rounding, rebating, iron holdfast of size 300mm x 40mm x 5mm with oil painting, etc. complete			201480.40	
	(S.S.R. OF 2020-21)			201480.40	PerCU.M.
	TOTAL RATE Rs.			201480.40	PerCU.M.
14	Providing and fixing Country cut teak wood double (S.S.R. OF 2020-21)			5161.20	
	TOTAL RATE Rs.			5161.20	PerCU.M.
15	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 rane 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 tail with all required (S.S.R. OF 2020-21)			6408.60	
	TOTAL RATE Rs.			6408.60	Per SQM.
16	Providing and fixing steel ventilator fully glazed partly fixed as per detailed drawing with hot dipzinc coating including fabrication glazing with plain obscured glass pans 5mm thin and approved type quality and iron oxidized fixture sand fastening with square bars 12mm 10cmc/candail (S.S.R. OF 2020-21)			5865.00	
	TOTAL RATE Rs.			5865.00	Per SQM.
17	Providing and fixing Mild steel grill Window /gate as (S.S.R. OF 2020-21)			5241.00	
	TOTAL RATE Rs.			5241.00	Per SQM.
18	Providing and laying vitrified mirror / glossy finish (S.S.R. OF 2020-21)			1073.60	
	ADD LEAD CHARGES FOR CEMENT	0.01000	135.46	1.35	
	ADD LEAD CHARGES FOR SAND	0.02000	280.05	5.60	
	TOTAL RATE Rs.			1080.56	Per SQM.
19	Providing and laying vitrified mirror / glossy finish tiles having size 590 mm to 605 mm x 590 mm to 605 mm of 8 to 10 mm thickness and confirming to IS. 15622-2006 (group Bla) of approved make, shade and pattern for flooring in required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints, curing and clearing etc. complete.b) Skirting (S.S.R. OF 2020-21)			1968.00	
	ADD LEAD CHARGES FOR CEMENT	0.01000	135.46	1.35	
	ADD LEAD CHARGES FOR SAND	0.02000	280.05	5.60	
	TOTAL RATE Rs.			1974.96	Per SQM.
20	Providing and laying Antiskid Ceramic tiles of approved quality of size 30cm x 30cm and confirming to IS15622-2006 (Group-BIIA) for antiskid flooring in required position laid on a bed of 1:4 cement mortar including cement float, filling joint with cement slurry cleaning curing etc. (S.S.R. OF 2020-21)			1023.68	
	ADD LEAD CHARGES FOR CEMENT	0.01000	135.46	1.35	
	ADD LEAD CHARGES FOR SAND	0.02000	280.05	5.60	
	TOTAL RATE Rs.			1030.64	Per SQM.

21	Providing and laying ceramic tiles having size 30cm.x60cm. conforming to corresponding I.S. for dado and skirting in require dposition with readymade adhesive mortar of approved quality on plaster of 1:2 cement mortar including joint filling with white / colour cement slurry cleaning curing				
	(S.S.R. OF 2020-21)				1056.96
	ADD LEAD CHARGES FOR CEMENT	0.01000	135.46	1.35	
	ADD LEAD CHARGES FOR SAND	0.02000	280.05	5.60	
	TOTAL RATE Rs.				1063.92 Per SQM.
22	Providing and laying in position flooring of telephone black /amba white/ cat bary brown/ ruby red/ ocean brown granite stone of approved shade and size 18 mm to 20mm thick on bed 1;6 cement mortar including cement floats skirting joints,pointing in CM 1:3 curing and cleaning etc.				
	(S.S.R. OF 2020-21)				3610.16
	ADD LEAD CHARGES FOR CEMENT	0.01000	135.46	1.35	
	ADD LEAD CHARGES FOR SAND	0.02000	280.05	5.60	
	TOTAL RATE Rs.				3617.12 Per SQM.
23	Providing and fixing machine cut machine polished 18 mm to 20 mm thick telephone black /Amba White /Catbarybrown /RBired /Ocean Brown granite stone for treads and risers of steps and staircases of approved colour and shade with full moulding and three groove d line for the treads on bed of 1 : 4 Cement mortar including float filling joints with neat cement slurry curing polishing and cleaning etc. complete				
	(S.S.R. OF 2020-21)				1220.24
	ADD LEAD CHARGES FOR CEMENT	0.01000	135.46	1.35	
	ADD LEAD CHARGES FOR SAND	0.02000	280.05	5.60	
	TOTAL RATE Rs.				1227.20 Per SQM.
24	Providing internal cement plaster 20mm thick in single coat in cement mortar 1:3 without neeru finish to oncrete or brick surfaces, in all position including scaffolding and curing etc. complete.				
	(S.S.R. OF 2020-21)				849.04
	ADD LEAD CHARGES FOR CEMENT	0.01000	135.46	1.35	
	ADD LEAD CHARGES FOR SAND	0.02000	280.05	5.60	
	TOTAL RATE Rs.				856.00 Per SQM.
25	Providing internal cement plaster 12mm thick in single coat in cement mortar 1:3 without neeru finish to oncrete or brick surfaces, in all position including scaffolding and curing etc. complete.				
	(S.S.R. OF 2020-21)				991.04
	ADD LEAD CHARGES FOR CEMENT	0.01000	135.46	1.35	
	ADD LEAD CHARGES FOR SAND	0.02000	280.05	5.60	
	TOTAL RATE Rs.				998.00 Per SQM.
26	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				
	(S.S.R. OF 2020-21)				1018.04
	ADD LEAD CHARGES FOR CEMENT	0.01000	135.46	1.35	
	ADD LEAD CHARGES FOR SAND	0.02000	280.05	5.60	
	TOTAL RATE Rs.				1025.00 Per SQM.
27	Providing and applying Two coats of wall care Putty of 2mm thickness for plastered surface and 5-6mm thickness finished concrete surface to Ceiling and Walls to prepare surface even and smooth of Brands BIRLA WHITE, BERGER, BISION, J.K., make etc. complete				
	(S.S.R. OF 2020-21)				352.00
	TOTAL RATE Rs.				352.00 Per SQM.
28	Providing and applying priming coat on concrete/				
	(S.S.R. OF 2020-21)				421.00
	TOTAL RATE Rs.				421.00 Per SQM.
29	Providing and applying Washable oilbound distemper paint of approved quality, colour and shade to old/new surface in two coats including scaffolding, prepare the surface. (excluding primer				
	(S.S.R. OF 2020-21)				210.00
	TOTAL RATE Rs.				210.00 Per SQM.
30	Providing and applying two coats of exterior				
	(S.S.R. OF 2020-21)				201.76
	TOTAL RATE Rs.				201.76 Per SQM.
31	Providing and applying two coat of lead/zinc base oil paint/ bituminous paint of approved colour and shad to new wood work and fiber boards including preparing the surface knotting, scaffolding if necessary.				
	(S.S.R. OF 2020-21)				70.72
	TOTAL RATE Rs.				70.72 Per SQM.
32	Providing and fixing European type Colour glazed earthenware water closet pan with UPVC seat and lid with chromium plated brass hinges and rubber buffers including UPVC and vent pipe up to the outside face of wall 10 liter enameled low level flushing cistern with fittings pipe stop tap brackets for fixing cistern 32 mm dia. UPVC flush pipe with fittings and clamps ,20 mm dia.UPVC overflow pipe ,mosquito proof couplings G.I. chain and pulley,with water Jet and fitting including cutting and making good to the walls and floor facing				
	(S.S.R. OF 2020-21)				9297.92
	ADD LEAD CHARGES FOR CEMENT	0.01000	135.46	1.35	
	ADD LEAD CHARGES FOR SAND	0.02000	280.05	5.60	
	TOTAL RATE Rs.				9304.88 Per NOS.

33	Providing and fixing White Glazed Earthenware full stall type Urinal with P.V.C. flushing cistern of 5 liters capacity with fitting, inlet pipes and stop tap, brackets for fixing the cistern, 32 mm dia. P.V.C flush pipe with fittings and flushing arrangement including lead soil pipe, lead trap, soil pipe connection up to the outside face of the wall (S.S.R. OF 2020-21)			7522.64	
	ADD LEAD CHARGES FOR CEMENT	0.01000	135.46	1.35	
	ADD LEAD CHARGES FOR SAND	0.02000	280.05	5.60	
	TOTAL RATE Rs.			7529.60	Per NOS.
34	Providing, laying & fixing P.V.C. pipe of 20mm dia. with fittings such as bends, tees, reducers, clamps, etc. including necessary excavation, trench filling etc. complete (S.S.R. OF 2020-21)			92.56	
	TOTAL RATE Rs.			92.56	Per RMT.
35	Providing, laying & fixing P.V.C. pipe of 32mm dia. (S.S.R. OF 2020-21)			169.52	
	TOTAL RATE Rs.			169.52	Per RMT.
36	Providing and fixing screw down 32 mm dia. (S.S.R. OF 2020-21)			865.00	
	TOTAL RATE Rs.			865.00	Per NOS.
37	Providing and fixing screw down 15 mm dia. (S.S.R. OF 2020-21)			388.96	
	TOTAL RATE Rs.			388.96	Per RMT.
38	Providing and fixing 100 mm dia stabiliser pipe/ (S.S.R. OF 2020-21)			400.00	
	TOTAL RATE Rs.			400.00	Per RMT.
39	Providing and constructing Brick Masonry inspection trap Chamber 90cm x 45cm including 1:4:8 C.C foundation, 1:2:4 C.C.channels/half round glazed stoneware pipe channel, salt glazed stoneware intercepting trap with rodding pipe set in 1:4:8 cement concrete block, brick masonry plastering inside and Outside, fixed in cement (S.S.R. OF 2020-21)			7814.85	
	ADD LEAD CHARGES FOR CEMENT	0.35000	135.46	47.41	
	ADD LEAD CHARGES FOR SAND	0.21000	280.05	119.02	
	ADD LEAD CHARGES FOR CR METAL	0.56000	280.06	0.00	
	@ADD DIFF.COST FOR SAND	0.21000	730.00	153.30	
	@ADD DIFF.COST FOR 20MM METAL	0.57000	120.00	0.00	
	@ADD DIFF.COST FOR 12MM METAL	0.28000	120.00	0.00	
	ADD LEAD CHARGES FOR METAL	1.00000	280.06	280.06	
	TOTAL RATE Rs.			8414.64	Per NOS.
	40	Providing soak pit of size 120cm x 120cm x 120cm including excavating and filling with brickbats (S.S.R. OF 2020-21)			2921.21
ADD LEAD CHARGES FOR CEMENT		0.35000	135.46	47.41	
ADD LEAD CHARGES FOR SAND		0.21000	280.05	119.02	
ADD LEAD CHARGES FOR CR METAL		0.56000	280.06	0.00	
@ADD DIFF.COST FOR SAND		0.21000	730.00	153.30	
@ADD DIFF.COST FOR 20MM METAL		0.57000	120.00	0.00	
@ADD DIFF.COST FOR 12MM METAL		0.28000	120.00	0.00	
ADD LEAD CHARGES FOR METAL		1.00000	280.06	280.06	
TOTAL RATE Rs.				3521.00	Per NOS.
41		Providing and fixing White glazed with bottle trap earthenware Wash Hand Basin of 63x45 cm size including cold water pillar taps, brackets, rubber plugs and brass chain, stop tap, chromium plate bottle trap and necessary pipe connections including UPAC waste pipe and trap upto the outside face of the wall, making good the damaged surface, testing etc. complete. (BRAND <u>HINDWARE/ JOHNSON/PARRYWARE/VIENA/</u> (S.S.R. OF 2020-21)			4536.48
	TOTAL RATE Rs.			4536.48	Per NOS.
42	Mirror 40* 50* cm. with plastic frame. (S.S.R. OF 2020-21)			291.20	
	TOTAL RATE Rs.			291.20	Per NOS.
43	Filling in plinth and floors with approved excavated (S.S.R. OF 2020-21)			88.40	
	TOTAL RATE Rs.			88.40	Per CUM.
44	Providing and fixing 10cm C.I. Nahani Trap (S.S.R. OF 2020-21)			1025.00	
	TOTAL RATE Rs.			1025.00	Per NOS.
45	Providing and fixing corrugated galvanised iron (S.S.R. OF 2020-21)			1230.00	
	TOTAL RATE Rs.			1230.00	Per NOS.

NAME OF WORK :-CONSTRUCTION OF PROCESSING UNIT FOR JACKFRUITKING AGRO PRODUCTS COMPANY LTD AT ZAPADE - LANJA ,DIST - RATNAGIRI.416701.

LEAD CHART (AS PER SSR-2022-23)

SR. NO.	MATERIAL	TYPE OF MATERIAL	LOCATION OF QUARRY	LEAD IN KM.	LEAD CHARGES	INITIAL LEAD CHARGES	NET LEAD CHARGES.
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 PROCESSING UNIT FOR JACKFRUITKING AGRO PRODUCTS COMPANY LTD AT ZAPADE - LANJA ,DIST - RATNAGIRI.416701.

DIFF.COST OF MATERIAL

SR. NO	MATERIAL	RATE AS PER SSR OF 2022-23	MARKET RATE	EXCESS	LESS	REMARKS/ EFFECTIVE DATE
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 PROCESSING UNIT FOR JACKFRUITKING AGRO PRODUCTS COMPANY LTD AT ZAPADE - LANJA ,DIST - RATNAGIRI.416701.

SW V : ROYALTY STATEMENT

SR. NO.	ITEM OF WORK	EXECUTE QUANTITY	NATURAL SAND		CEMENT IN BAGS		METAL		RUBBLE		MURUM	
			FACTOR	QTY.	FACTOR	QTY.	FACTO R	QTY.	FACTO R	QTY.	FACTO R	QTY.
1	Providing and laying Cast in situ/Ready Mix	223.000	0.4700	104.81	4.40	981.20						
2	Providing and laying Cast in situ/Ready Mix	167.000	0.4250	70.98	7.00	1169.00						
3	Providing and laying Cast in situ/Ready Mix	155.560	0.4250	66.11	7.00	1088.92						
4	Providing and laying Cast in situ/Ready Mix	80.000	0.4250	34.00	7.00	560.00						
5	Providing and laying Cast in situ/Ready Mix	16.000	0.4250	6.80	7.00	112.00						
6	Providing and applying two coat of lead/zinc base oil paint/ bituminous paint of approved colour and	2.27	0.4250	0.96	7.00	15.89						
			Total	283.663		3927.010		0.000		0.000		0.000

**JACKFRUITKING AGRO PRODUCER COMPANY LTD.
AT ZAPADE TQ LANJA DIST RATNAGIRI**

**NAME OF WORK :-CONSTRUCTION OF PROCESSING UNIT FOR JACKFRUITKING
AGRO PRODUCTS COMPANY LTD AT ZAPADE - LANJA ,DIST -
RATNAGIRI.416701.**

SW V : ROYALTY STATEMENT

Sr. No	Particulars	Required Quantity in Cum	Royalty Factor	Total Rate	Amount
1	SAND	351.42		237.370	83416.57
2	Crush Metal	785.49		216.180	169807.23
3	MURUM	0.00		216.180	0.00
					253223.79