

CERIFICATE

This is to certify that under State of Maharashtra Agribusiness And Rural Transformation (SMART) Project, for the Client, Ganrajya Farmer Producer Company Ltd, Gat No. 440, Village Khamgaon, Taq. and Dist. Osmanabad, Proposed Construction of works and Estimated amount as below amounting to Rs.143,80,611/-, based on SSR 22-23, PWD, Govt. of M.S. has been prepared and technically sanctioned by me (Rs. One Hundred Forty-Three Lakh, Eighty Thousand, Six Hundred Eleven only).

SR.NO.	PARTICULARS	ESTIMATED AMOUNT IN RS.
1	PROPOSED CONSTRUCTION OF WAREHOUSE BUILDING 1020 M.T. CAPACITY WITH ANCILARI WORKS.	106,26,969/-
2	PROPOSED CONSTRUCTION OF CLEANING AND GRADING BUILDING, 100.00 SQ.M.	37,53,642/-
	TOTAL AMOUNT IN RS.	143,80,611/-

Pune-51

Date: -- 9-12-22

SUBHASH DEVIDAS PATHAK

CHARTERED ENGINEER (I)

M-101120-5

S.D. Pathak
9-12-22

SUBHASH D. PATHAK
Chartered Engineer (I)
M - 101120 - 5

PROPOSED CONSTRUCTION OF WAREHOUSE BUILDING, 1020 M.T. WITH ANCLLARY WORKS, AT GAT NO.440, VILLAGE KHAMGAON, TAQ. & DIST.OSMANABAD
 NAME OF COMPANY:--GANRAIYA FARMERS PRODUCER COMPANY LTD.
 RECAPTILUATION SHEET FOR PROPOSED WAREHOUSE BUILDING, 1020 M.T. CAPACITY.

SR.NO.	PARTICULARS OF SUBWORK	CAPACITY IN SQ.M	UNIT	AMOUNT IN RS.	COST IN RS. PER M.T
1	Proposed Construction Warehouse Building	1020	M.T.	7606607	7457
2	Electrification @1.5%			114099	
3	Internal Service Roads			857052	
4	Royalty Charges			314668	
5	Testing Charges			37800	
	TOTAL		RS	8930226	
6	ADD 18% GST			1607441	
	ADD 1% LABOUR				
7	INSURANCE			89302	
8	TOTAL		RS.	10626969	
9	GRAND TOTAL			10,626,969	10419

PROPOSED CONSTRUCTION OF CLEANING & GRADING UNIT WITH ANCLLARY WORKS, AT GAT NO.440, VILLAGE KHAMGAON, TAQ. & DIST.OSMANABAD
 NAME OF COMPANY:--GANRAIYA FARMERS PRODUCER COMPANY LTD.
 RECAPTILUATION SHEET FOR PROPOSED CLEANING AND GRADING UNIT.

SR.NO.	PARTICULARS OF SUBWORK	CAPACITY IN SQ.M	UNIT	AMOUNT IN RS.	COST IN RS. PER SQ.M
1	Proposed Construction Cleaning and Grading unit Building	100	SQ.M.	3036565	30366
2	Electrification @RS 1.50 %.			45548	
3	Royalty Charges			50233	
4	Testing Charges			21975	
	TOTAL		RS	3154321	
6	ADD 18% GST			567778	
	ADD 1% LABOUR				
7	INSURANCE			31543	
8	TOTAL		RS.	3753642	
9	GRAND TOTAL			3,753,642	37536

(Signature)
SUBHASH D. PATHAK
 Chartered Engineer (I)
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PROPOSED CONSTRUCTION OF WAREHOUSE BUILDING, 1020 M.T. WITH ANCILLARY WORKS, AT GAT NO.440, VILLAGE KHAMGAON, TAQ. & DIST.OSMANABAD

NAME OF COMPANY:-- GANRAJYA FARMERS PRODUCER COMPANY LTD.

ABSTRACT OF MEASUREMENT SHEET FOR PROPOSED WAREHOUSE BUILDING, 1020 M.T. CAPACITY.

SR.NO.	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	AMOUNT	REMARK, Standard Specification Reference.
1	Excavation in soil plus soft murum with all leads and lifts, with backfilling the trenches and dewatering complete.(Manually)	CU.M.	69	232	16008	BDA-1/Page No. 259
2	Excavation in Hard murum with all leads, lifts including backfilling the trenches and dewatering complete.	CU.M.	197	354	69738	BDA-1/Page No. 259
3	Excavation in Hard murum and boulders with all leads and lifts including backfilling the trenches and dewatering complete.(Mechanical means)	CU.M.	4	235	940	BDA-1/Page No. 259
4	Excavation in Soft Rock with all leads and lifts, backfilling the trenches and dewatering complete.(Mechanical means)	CU.M.	1	291	291	BDA-1/Page No. 259
5	Excavation in Hard Rock with pneumatic breaker, all leads and lifts, backfilling the trenches and dewatering complete.(Mechanical means)	CU.M.	1	1051	1051	BDA-1/Page No. 259
6	Providing anti-termite treatment to trenches with 5 liters per Sq.M. area by 1liter Chlorophyrifos plus+19 liters of water i.e. 20% Emulsionas, per specifications and dose directed by Engineer-in- Charge, complete.					As directed by Engineer-in-Charge.
A	Bottom surface of trench	SQ.M.	89	92	8188	
B	Backfilling of Trenches	SQ.M.	54.18	97	5255.46	
C	Plinth and Apron	SQ.M.	573	94	53862	
7	Providing ,laying, PCC M-10 Grade, including formwork, compaction , curing with all leads and lifts complete as per specifications.	CU.M.	80	5954.18	476334.4	BDE-1/P/287
8	Providing RCC 1:1.5:3 for footing including, formwork, compaction by virator, curing etc. with all leads and lifts , testing, complete as per specifications.	CU.M.	14	7221.55	101101.7	R.A. Attached/BDF-3/P/298 & B-7/P/38
9	Providing RCC 1:1.5:3 for Column in Substructure including, formwork, compaction by virator, curing, testing etc. with all leads and lifts , complete as per specifications.	CU.M.	7	13900.55	97303.85	R.A. Attached/BDF-5/P/300 & B-7/P/38
10	Providing RCC 1:1.5:3 for Beam in Substructure including, formwork, compaction by virator, curing , testing etc. with all leads and lifts , complete as per specifications.	CU.M.	17.33	12386.55	214658.9115	R.A. Attached/BDF-5/P/300 & B-7/P/38
11	Providing RCC 1:1.5:3 for Beam in Superstructure including, formwork, compaction by virator, curing, testing etc. with all leads and lifts , complete as per specifications.	CU.M.	34.67	12386.55	429441.6885	R A Attached/BDF-5/P/300 & B-7/P/38
12	Providing UCR Stone in Cement Mortar 1:6 in Substructure with scaffolding, curing , testing all teads and lift complete as per specifications.	CU.M.	66.92	5216.74	349104.2408	R.A. Attached/BDG-1/P/313
13	Providing BBM in Cement Mortar 1:6 in Superstructure with scaffolding, curing , testing all teads and lift complete as per specifications.	CU.M.	97.75	8484	829311	R A Attached/BDG-5/P/315
14	Cement Plaster 12 mm thick in single coat in Cement Mortar 1:5 to inside of walls with scaffolding ,curing complete as per specifications.	SQ.M.	293	272.44	79824.92	R A Attached/BDL-2A/P/368

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32	Providing and fixing in position, other similar trussed purlins, members with all bracings, gusset plates conforming to IS:226 and IS:2062, nuts and bolts with fabrication, erection, scaffolding, Cleaning, applying, Red Oxide primer one coat and oil painting in two coats, testing, with all leads and lifts complete as per specifications and as directed.	M.T.	19.021	97793.88	1860137.39	BDC-2/P/275 & R.A.Attached
33	0.9 m high and three rows S.S Railing of 304 grade complete as per specifications and as directed.	RM.	3.4	4004	13613.6	BDW & As directed by ENC.
34	Providing, ISMC 150X75 MM, fabricating, fixing in position with holdfast, one coat of red oxide primer and two coats of oil paint, etc complete as per specification complete as directed.	M.T.	0.24	97793.88	23470.53	BDC2/P/275 & R.A.Attached
35	Providing Country Cut Teak Wood Frame of 125x65 mm size frame with/ without ventilator of size specified for doors including champhering, rounding rebating, fixing iron holdfast of size 300x40x5 mm, one coat of primer and two coats of oil paint, complete as per specification and as directed by Engineer-in-Charge.	CU.M.	0.039	200050	7801.95	SSR39.01/BDT/P/303
36	Providing and fixing solid core flush door shutter in single leaf 32 mm thick without ventilators, commercial type of exterior grade as per detailed drawing, with wrought iron holdfast, stainless steel fixtures and fastenings, one coat of primer and two coats of oil paint, complete as directed	SQ.M.	2.222	2913	6472.69	SSR 39.1/BDT-36/P/304
37	Providing and fixing in position (as per IS:1868/1988), the sliding window of two track with rectangular pipe having overall dimension 63.50x 38.1x1.02 mm at weight 0.547 Kg/R.M. and window frame track section 40x18x1.25 mm at weight 0.417 Kg/ R.M. as per detailed drawing and as directed by Engineer-in-Charge with all necessary fixtures and fastenings such as roller bearings in nylon casing and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass with all required screws and nuts etc, complete.	SQ.M.	3.6	5479	19724.4	SSR 39.37/BDT/P/310
38	Providing and laying RCC Chajja in cement concrete 1:1.5:3 for fins and padies, including formwork, vibration, curing, testing complete as per specifications and as directed.	CU.M.	2.304	17601	40552.704	SSR 26.31/BDF-16/P/232/IS:456(2004)
39	Providing, fabricating, fixing in position M.S. Ladder as per drawing and design, one coat of red oxide primer and two coats of oil paint complete as per specifications and as directed by the Engineer-in-Charge.	M.T.	0.21	97793.88	20536.71	BDC2/P/275 & R.A.Attached
40	Providing and fixing in position 11.35 m height lightning arrester as per drawing, design, specification complete as directed by Engineer-in-Charge.	Number	1	8000	8000	M.R.
41	Providing and fixing of colour coated Zincaluminium (R) AZ150 (min 150 gms/sq.mt. total on each side) profiled sheets for roofing. The feed material is manufactured out of nominal 0.45 mm Base Metal Thickness (BMT) (0.5 mm TCT), Hi-strength steel with min.550 MPa yield strength, metallic hot dip 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 mm, comprising of nominal 25mm 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 center-to-center. The end rib shall be designed for anti-capacity groove, and return leg. The feed material should have coil manufacturers product details marked at 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/ One Square Metre) 600 mm girth (Surface Width).	SQ.M.	277.66	1113.13	309071.68	

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 NAME OF COMPANY:-- GANRAJYA FARMERS PRODUCER COMPANY LTD.

MEASUREMENT SHEET FOR PROPOSED WAREHOUSE BUILDING, 1020 M.T. CAPACITY.

SR.NO.	DESCRIPTION OF ITEM	NO.	LENGTH	BREADTH	HEIGHT	QUANTITY	TOTAL QTY	UNIT
1	Excavation in soil plus soft murum							
	C1 Column	4	1.5	1.5	0.3	2.7		
	C2 Column	8	1.25	1.5	0.3	4.5		
	C3	8	1.25	1.5	0.3	4.5		
	Long Wall	4	3.615	0.75	0.3	3.25		
		6	3.74	0.75	0.3	5.05		
	Short side wall	4	2.895	0.75	0.3	2.61		
		6	3.02	0.75	0.3	4.08		
	Apron				0.3	0		
	Long Wall	2	26	0.6	0.3	9.36		
	Short Wall	2	21	0.6	0.3	7.56		
	Gutter				0.3	0		
	Long Wall	2	26	0.68	0.3	10.61		
	Short Wall	2	21	0.68	0.3	8.57		
	Platform				0.3	0		
	Long Wall	4	3.52	0.75	0.3	3.17		
	Short Wall	8	1.425	0.75	0.3	2.57		
	Warehouse plinth	1	24.6	21	0.3	154.98		
	TOTAL					68.53	69	CU.M.
2	Excavation in Hard murum							
	C1 Column	4	1.5	1.5	0.9	8.1		
	C2 Column	8	1.25	1.5	0.9	13.5		
	C3	8	1.25	1.5	0.9	13.5		
	Long Wall	4	3.615	0.75	0.9	9.76		
		6	3.74	0.75	0.9	15.15		
	Short side wall	4	2.895	0.75	0.9	7.82		
		6	3.02	0.75	0.9	12.23		
	Apron				0.9	0		
	Long Wall	2	26	0.6	0.9	28.08		
	Short Wall	2	21	0.6	0.9	22.68		
	Gutter				0.9	0		
	Long Wall	2	26	0.68	0.9	31.82		
	Short Wall	2	21	0.68	0.9	25.7		
	Platform				0.9	0		
	Long Wall	2	3.52	0.75	0.9	4.75		
	Short Wall	4	1.425	0.75	0.9	3.85		
	TOTAL					196.94	197	CU.M.
3	Excavation in Hard murum and Boulders							
	C1 Column	4	1.5	1.5	0.1	0.9		
	C2 Column	8	1.25	1.5	0.1	1.5		
	C3	8	1.25	1.5	0.1	1.5		
	TOTAL					3.9	4	CU.M.
4	Excavation in Soft Rock							
	C1 Column	4	1.5	1.5	0.025	0.23		
	C2 Column	8	1.25	1.5	0.025	0.38		
	C3	8	1.25	1.5	0.025	0.38		
	TOTAL					0.99	1	CU.M.
5	Excavation in Hard Rock							
	C1 Column	4	1.5	1.5	0.025	0.23		
	C2 Column	8	1.25	1.5	0.025	0.38		
	C3	8	1.25	1.5	0.025	0.38		
	TOTAL					0.99	1	CU.M.
6A	Providing anti-termite treatment to Bottom							
	Bottom							
	C1 Column	4	1.5	1.5		9		
	C2 Column	8	1.25	1.5		15		
	C3	8	1.25	1.5		15		
	Long Wall	4	3.615	0.75		10.845		
		6	3.74	0.75		16.83		
	Short side wall	4	2.895	0.75		8.685		

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	Side wall	4	3.92	0.45	0.45	3.1752		
		6	3.92	0.45	0.45	4.7628		
						17.334	17.33	CU.M.
	Providing RCC 1:1.5:3 for							
	Above Plinth Level							
	Lintel and Eaves level							
	Long Wall	8	4.64	0.45	0.45	7.5168		
	Short side wall	12	4.64	0.45	0.45	11.2752		
		8	3.92	0.45	0.45	6.3504		
		12	3.92	0.45	0.45	9.5256		
	TOTAL					34.668	34.67	CU.M.
	Providing UCR Masonry in							
	Cement Mortar 1:6 in							
	Substructure							
	Long Wall	4	4.64	0.45	1.05	8.7696		
		6	4.64	0.45	1.05	13.1544		
	Short side wall	4	3.92	0.45	1.05	7.4088		
		6	3.92	0.45	1.05	11.1132		
	G.L. TO PLINTH							
	Long Wall	4	4.64	0.45	0.45	3.7584		
		6	4.64	0.45	0.45	5.6376		
	Short side wall	4	3.92	0.45	0.45	3.1752		
		6	3.92	0.45	0.45	4.7628		
	Platform							
	Long Wall	2	3.92	0.45	1.35	4.7628		
	Short Wall	4	1.8	0.45	1.35	4.374		
	TOTAL					66.9168	66.92	CU.M.
	Providing BBM in Cement							
13	Mortar 1:6 in Superstructure							
	Above Plinth Level							
	Long Wall	4	4.64	0.35	3	19.488		
		6	4.64	0.35	3	29.232		
	Short side wall	4	3.92	0.35	3	16.464		
		6	3.92	0.35	3	24.696		
	Deductions							
	V1	-24	0.6	0.35	0.6	-3.024		
	Rolling Shutters	-2	1.8	0.35	2.4	-3.024		
	Lintel Beam	-17.335				-17.335		
	Gutter Bottom							
	Long Wall	2	26	0.76	0.23	9.0896		
	Short Wall	2	21	0.76	0.23	7.3416		
	Gutter sides					0		
	Long Wall	2	26	0.23	0.3	3.588		
	Short Wall	2	21	0.23	0.4	3.864		
	Platform							
	Long Wall	4	3.92	0.35	0.7	3.8416		
	Short Wall	8	1.8	0.35	0.7	3.528		
	TOTAL					97.7498	97.75	CU.M.
	Cement Plaster 12 mm thick in							
14	single coat in Cement Mortar							
	1:4 to inside of walls							
	Long Walls	2	24.6		3	147.6		
	Short Walls	2	21		3	126		
	Top of walls	1	91.9		0.35	32.165		
	Deductions							
	V1	-12	0.6		0.6	-4.32		
	Rolling Shutters	-2	1.8		2.4	-8.64		
	TOTAL					292.805	293	SQ.M.
	Waterproof Cement Plaster							
15	23 (15+8) mm thick in two							
	coat in Cement Mortar 1:4 to							
	external faces of walls							
	Long Walls	2	25.3		3.9	197.34		
	Short Walls	2	21.7		3.9	169.26		
	Sides of Columns	24	0.25		3.9	23.4		

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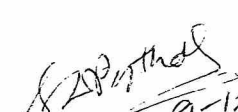
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	Apron								
	Long Wall	2	26	0.65	0.15	5.07			
	Short Wall	2	21	0.65	0.15	4.095			
	TOTAL					9.165	9	CU.M.	
24	Providing soft murum blindage over apron & Warehouse size metal layer								
	WH	1	24.6	21	0.025	12.915			
	Apron								
	Long Wall	2	26	0.65	0.025	0.845			
	Short Wall	2	21	0.65	0.025	0.6825			
	TOTAL					14.4425	14	CU.M.	
25	Providing compaction by plate vibrator over apron size metal layer								
	Apron								
	Long Wall	2	26	0.65		33.8			
	Short Wall	2	21	0.65		27.3			
	TOTAL					61.1	61	SQ.M.	
26	Cement plaster 12 mm thick without cement slurry finish								
	Apron Top								
	Long Wall	2	26	0.65		33.8			
	Short Wall	2	21	0.65		27.3			
	Gutter								
	Bottom								
	Long Wall	2	26	0.3		15.6			
	Short Wall	2	21	0.3		12.6			
	Sides								
	Long Wall	2	26		0.3	15.6			
	Short Wall	2	21		0.3	12.6			
	Long Wall	2	26		0.4	20.8			
	Short Wall	2	21		0.4	16.8			
	gutter top of wall								
	Long Wall	2	26	0.23		11.96			
	Short Wall	2	21	0.23		9.66			
	WH								
	Long Wall plinth to Apron level	2	26		0.6	31.2			
	Short Wall	2	21		0.6	25.2			
	Platforms								
	Long Wall	4	3.92		0.85	13.328			
	Short Wall	8	1.8		0.85	12.24			
	TOTAL					197.588	198	SQ.M.	
27	Providing 1.50 mm thick cement slurry finish to green cement plaster at above complete as directed by Engineer-in-Charge.				Qty same as that of above item	198			
						198	198	SQ.M.	
28	Providing Compacted 200 mm thick Size metal layer in the plinth of Warehouse building								
	WH	1	24.6	21	0.2	103.32			
	Platforms	2	3.22	1.45	0.2	1.8676			
						105.1876	105	CU.M.	
29	Providing RCC 1:1.50:3, 200 mm thick Concrete layer in the plinth floor of Warehouse building								
	WH	1	24.6	21	0.2	103.32			
	Platforms	2	3.22	1.45	0.2	1.8676			
						105.1876	105	CU.M.	

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	Platforms	2	3.92			7.84		
	Long Side	4	1.8			7.2		
	Short Sides					15.04		
						16.1		
						242.144		
					WT in			
					M.T.	0.24	0.24	M.T.
	Providing Teak Wood Frame of 125x65 mm size including planning, fixing holdfast, one coat of primer and two coats of oil pain, complete as per specification and as directed.				TOTAL WT			
35	Door 1x2.1 m	2	0.1	0.0625	2.175	0.027188		
	Vertical	1	1.575	0.125	0.06	0.011813		
	Horizontal					0.039	0.039	CU.M.
	Providing 32 mm solid core flush door shutter, with necessary iron oxidised fixtures and fasteners, one coat of primer and two coats of oil paint, complete as directed							
36	Shutter	1	1.058		2.1	2.2218		
						2.2218	2.222	SQ.M.
	Providing and fixing in position two track powder coated Aluminium Windows with stainless steel wire net complete as per specification and as directed.							
37		2	1.2		1.5	3.6		
						3.6	3.6	SQ.M.
	Providing and laying RCC Chajja in cement concrete 1:1.5:3 for fins and pardiies ,including formwork, vibration, curing ,testing complete as per specifications and as directed.							
38	Cantilever pardi	24	0.6	0.8	0.08	0.9216		
	Long sides bottom tier							
	Vertical Fins	48	0.6	0.6	0.08	1.3824		
	Long sides bottom tier					2.304	2.304	CU.M.
	Providing , fabricating, fixing in position M.S. ladder as per drawing and design, one coat of red oxide primer and two coats of oil paint complete as per specifications and as directed by the Engineer-in-Charge.							
39	M.S ANGLES 65*65*8 mm	2	7.95	7.7		122.43		
	20 MM RUNGS @30 CMCM	34	0.4	2.46		33.456		
	C/C					50		
	Base plate , Holdfast etc					0.205886	0.21	M.T.
	TOTAL							


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43	Providing and fixing board displaying information, such as Name of Work, Tender Cost, Name of Contractor, Work completion and liability period etc, having rectangular shape of size 1.20x 0.90m made out of 18 gauge (1.25 mm) thick mild steel sheet painted with one coat of zink chromate stoving primer and two coats of enamel paint on back side and border/ messages/ symbols etc with approved colour shade paint complete on M.S.Angle 35x35x3 mm frame with properly cross braced M.S.Angle 35x35x3 mm duly painted including two M.S.Angle iron posts of size 65x65x6 mm, 3.65 m long painted with alternate black and white bands of 25 cm width including all fixtures etc, and fixing the boards in 1:4:8 concrete block of size 60x60x75 cm including excavation, refilling	1					1	
							1	1 NO.

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PROPOSED CONSTRUCTION OF WAREHOUSE BUILDING, 1020 M.T. WITH ANCILLARY WORKS, AT GAT NO.440, VILLAGE KHAMGAON, TAQ. & DIST.OSMANABAD

NAME OF COMPANY:-- GANRAJYA FARMERS PRODUCER COMPANY LTD.

ABSTRACT OF MEASUREMENTS FOR PROPOSED ROADS AROUND WAREHOUSE BUILDING, 2000 M.T. CAPACITY.

SR.NO.	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	AMOUNT	REMARK
1	Excavation for roadway in earth, soil of all sorts, sand, gravel or soft murum including dressing section to required grade, camber, and side slopes and conveying the excavated material with all lifts upto lead of 50 m and spreading for embankment or stacking as directed	CU.M.	217	239	51863	SSR 21.01/P/180
1A	Excavation in Hard Murum	CU.M.	8	365	2920	SSR 21.05/P/180
2	Hard Murum embankment (brought by contractor)	CU.M.	214.5	883	189403.5	SSR 2.13/P/26
3	Supplying Oversize metal	CU.M.	142.64	970.53	138436.399	R.A attached
4	Supplying Size metal	CU.M.	107.25	970.53	104089.343	R.A attached
5	Supplying Soft murum as blindage	CU.M.	6.24725	642.89	4016.29455	SSR2.29 B/P/28
6	Spreading Oversize metal	CU.M.	142.6425	79	11268.7575	SSR2.3 RD SUB- GRADE/P/28
7	Spreading Size metal	CU.M.	107.25	79	8472.75	SSR2.3 RD SUB- GRADE/P/28
8	watering and Compaction by 10 T roller, metal layers, blindage complete as per specifications and as directed.	SQ.M.	2860	21	60060	SSR/2.31/P/28
9	Providing and fixing 300 X450 X200 (MM) Precast RCC Kerb sone, complete as per specifications and as directed.	RM	146	600	87600	MR
10	Providing and fixing 11mm steel rubber gate as per detailed drawing including hinges, locking arrangements and painting in three coats of oil paint of approved colour and shed etc (weight 35 KG PER SQ.M.) complete as directed by Engineer-in- Charge,	SQ.M.	21.6	7258.28	156778.85	SSR23.09/P/21 3
11	PCC For columns M-10	CU.M.	0.57	5954.18	3393.88	BDE-1/P/287
12	RCC FOOTING M-20	CU.M.	0.72	7221.55	5199.52	R.A. Attached/BDF- 3/P/298 & B- 7/P/38
13	RCC COLUMNS M-20	CU.M.	0.97	13900.55	13483.53	R.A. Attached/BDF- 5/P/300 & B- 7/P/38
14	RCC BEAM M-20	CU.M.	1.62	12386.55	20066.21	R.A. Attached/BDF- 5/P/300 & B- 7/P/38
				TOTAL	857052.034	
					857052	

S.D. Pathak
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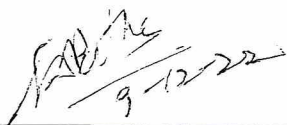
SUBHASH D. PATHAK
Chartered Engineer (I)
M - 101120 - 5

PROPOSED CONSTRUCTION OF WAREHOUSE BUILDING, 1020 M.T. WITH ANCILLARY WORKS, AT GAT NO.440, VILLAGE KHAMGAON, TAQ. & DIST.OSMANABAD

NAME OF COMPANY:-- GANRAJYA FARMERS PRODUCER COMPANY LTD.

MEASUREMENTS FOR INTERNAL SERVICE ROADS AROUND PROPOSED WAREHOUSE COMPLEX, 1020 M.T. CAPACITY.

SR.NO.	DESCRIPTION OF ITEM	NO.	LENGTH	BREADTH	HEIGHT	QUANTITY	TOTAL QTY	UNIT
	Length of Road around Warehouse	1	30	6		180		
		1	30	7.7		231		
	Width of Road around Warehouse	1	11	3		33		
		1	25.5	5.5		140.25		
		1	25.5	3		76.5		
		1	12.5	3		37.5		
		1	11	1.5		16.5		
	RMT		145.5					
						714.75	715	SQ.M.
1	Excavation in soil plus soft murum		715		0.3	214.5		
	GATE COLUMNS	4	0.9	1.05	0.3	1.134		
	BEAM	2	0.45	6	0.3	1.62		
						217.254	217	CU.M.
1-A	EXCAVATION IN HARD MURUM							
	GATE COLUMNS	4	0.9	1.05	1.15	4.347		
	BEAM	2	0.45	6	0.6	3.24		
						7.587	8	CU.M.
2	Hard murum embakment with watering and compaction							
		1	715		0.3	214.5	214.5	CU.M.
							214.5	SQ.M.
3	Supplying Oversize metal Compacted Qty				0.15	107.25		
	Multiplying Factor					1.33		
	TOTAL QTY.					142.6425	142.64	CU.M.
4	Supplying Size metal Compacted Qty				0.1	71.5		CU.M.
	Multiplying Factor					1.5		
	TOTAL QTY.					107.25	107.25	CU.M.
5	Supplying Soft murum as blindage							
	over size metal Layer	142.64	0.025			3.566		
	Size metal layer	107.25	0.025			2.68125		
						6.24725	6.24725	
	Available from Excavation					0		
	Qty to be brought from outside						6.24725	
							6.25	CU.M.
6	Spreading Oversize metal					142.6425	142.6425	CU.M.
7	Spreading Size metal					107.25	107.25	CU.M.
8	Watering and Lopaction by 10 T Roller, metal layers, blindage complete as per specifainsand as directed.							
	Oversize metal layer	1						
	Blindage over Oversize metal	1						
	Size metal layer	1						
	Blindage over Size metal	1						
		4	715				2860	2860
								SQ.M.
9	Providing and fixing 200x200x450 precast guard stone, complete as per specifications and as directed.							
		2	145.5				291	
							146	146
								NO
10	2 M Center to center 6 M wide Mild Steel tubular Gates							
		2	6		1.8	21.6	21.6	SQ.M.
11	PCC For columns M-10							
		4	0.9	1.05	0.15	0.567	0.57	CU.M.
12	RCC FOOTING M-20							
		4	0.6	0.75	0.4	0.72	0.72	CU.M.
13	RCC COLUMNS M-20							


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		4	0.3	0.45	1.8	0.972	0.97	CU.M.	
14	RCC BEAM M-20								
		2	0.3	0.45	6	1.62	1.62	CU.M.	

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SUBHASH D. PATHAK
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PROPOSED CONSTRUCTION OF WAREHOUSE BUILDING, 1020 M.T. WITH ANCILLARY WORKS, AT GAT NO.440, VILLAGE KHAMGAON, TAQ. & DIST.OSMANABAD
NAME OF COMPANY:- GANRAYA FARMERS PRODUCER COMPANY LTD.
ROYALTY CHARGES RECOVERY STATEMENT

SR.NO.	PARTICULARS OF ITEM	EXECUTED	UNIT	MATERIAL QTY FOR ROYALTY CEMENT/ CU.M	TOTAL CEMENT IN BAGS	SAND	TOTAL SAND QTY. IN CU.M	MURUM/ CU.M	TOTAL QTY OF MURUM IN CU.M.	Metal/ CU.M.	TOTAL QTY OF METAL IN CU.M.	QTY OF RUBBLE PER CU.M	TOTAL RUBBLE QTY	TOTAL ROYALTY CHARGES
WH	UCRM FOR SUB													
1	STRUCTURE	66.92	CU.M	1.7	113.764	0.35	23.42					1.25	84	
2	BBM IN CM:1:6													
	SUPERSTRUCTURE	97.75	CU.M	1.58	154.45	0.32	31.28							
	Sandtraced cement plaster in two coats (approved screened sand)	382	SQ.M.	0.17	64.94	0.025	9.55							
	Internal cement plaster 12 mm thk. Single coat in C.M.(1:4)	491	SQ.M.	0.17	83.47	0.025	12.28							
4	C.M.(1:4)	398	CU.M.					1.2	477.6	1.32	138.6			
5	Hard Murum	105	CU.M.											
6	Stone Metal Layer													
7	TRIMIX CONCRETE M-20	105	CU.M.	7	735	0.43	45.15							
8	RCC Footing (1:1.5:3)	14	CU.M.	7	98	0.43	6.02							
9	RCC Column (1:1.5:3)	7	CU.M.	7	49	0.43	3.01							
9	RCC Beam (1:1.5:3)	52	CU.M.	7	364	0.43	22.36							
10	RCC Chajias (1:1.5:3)	2.304	CU.M.	7	16.13	0.43	0.99							
	TOTAL OF RCC (1:1.5:3)	180.304	CU.M.											
11	PCC (1:3:6)/M-10	80	CU.M.	4.4	352	0.44	35.2							
	INTERNAL SERVICE ROADS													
1	H.M.	220.7473	CU.M.					1.2	264.8967					
2	OVER SIZE METAL	142.64	CU.M.											
3	SIZE METAL	107.25	CU.M.							1.32	188.2848			
	TOTAL				1916.99		189.26		742.4967	1.32	468.4548		84	
	ROYALTY CHARGES				96		212.01		212.01		212.01		212.01	
	TOTAL						40125.01		157416.7		99317.1		17808.84	314668

SUBHASH D. PATHAK
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PROPOSED CONSTRUCTION OF WAREHOUSE BUILDING, 1020 M.T. WITH ANCILLARY WORKS, AT GAT NO.440, VILLAGE KHAMGAON, TAO. & DIST.OSMANABAD
NAME OF COMPANY:--- GANRAIYA FARMERS PRODUCER COMPANY LTD.

TESTING CHARGES RECOVERY STATEMENT

S.R.N.	PARTICULARS OF MATERIAL	QTY	UNIT	TESTS TO BE CARRIED OUT	NO. OF TEST	RATE	AMOUNT	REMARK
1	Cement	96	M.T.	Finess, Consistency, Setting Time, Compressive Strength, Specific Gravity.	2	7540	15080	One per 50 M.T. Up to 50 Cu.M. + 4 Plus
2	Cement Concrete M-20	180.304	CU.M.	Compressive Cube Strength	7	1380	9660	one for additional 50 Cu.M. or part of it.
3	Bricks	97.75	CU.M.	Water Absorption(Set of Compressive Strength(Set of 5No.))	1	1900	1900	One per 50000 No.
		46431.25		Efflorescance (Set of 5No.)				
4	Sand	189.26	CU.M.	Finess, Modulus, Silt C	2	1950	3900	One per source.
5	Murum	742.4967	CU.M.	Gradation	2	600	1200	One test per 400 Cu.M. One per 10 M.T. for
6	Mild Steel	9.398	M.T.	Ultimate Tensile Test, Wt	1	1275	1275	each category of Diameter of bar.
					1	1595	1595	
7	Structural steel	19.021			2	1595	3190	
	TOTAL RS					RS.	37800	

SUBHASH D. PATHAK
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Subhash D. Pathak
9-12-2021

ABSTRACT OF MEASUREMENTS FOR PROPOSED CONSTRUCTION OF CLEANING AND GRADING UNIT

SR.NO.	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	AMOUNT	REMARK, Standard Specification Reference.
1	Excavation in soil plus soft murum with all leads and lifts, with backfilling the trenches and dewatering complete. (Manually)	CU.M.	15	232	3480	BDA-1/Page No. 259
2	Excavation in Hard murum with all leads, lifts including backfilling the trenches and dewatering complete.	CU.M.	44	354	15576	BDA-1/Page No. 259
3	Excavation in Hard murum and boulders with all leads and lifts including backfilling the trenches and dewatering complete. (Mechanical means)	CU.M.	5	235	1175	BDA-1/Page No. 259
4	Excavation in Soft Rock with all leads and lifts, backfilling the trenches and dewatering complete. (Mechanical means)	CU.M.	1	291	291	BDA-1/Page No. 259
5	Excavation in Hard Rock with pneumatic breaker, all leads and lifts, backfilling the trenches and dewatering complete. (Mechanical means)	CU.M.	1	1051	1051	BDA-1/Page No. 259
6	Providing anti-termite treatment to trenches with 5 liters per Sq.M. area by 1liter Chlorophyrifos plus 19 liters of water i.e. 20% Emulsionas, per specifications and dose directed by Engineer-in- Charge, complete.					As directed by Engineer-in-Charge.
A	Bottom surface of trench	SQ.M.	49	92	4508	
B	Backfilling of Trenches	SQ.M.	31.67	97	3071.99	
C	Plinth and Apron	SQ.M.	86	94	8084	
7	Providing, laying, PCC M-10 Grade, including formwork, compaction, curing with all leads and lifts complete as per specifications.	CU.M.	15.89	5954.18	94611.9202	BDE-1/P/287
8	Providing RCC 1:1.5:3 for footing including, formwork, compaction by vibrator, curing etc. with all leads and lifts, testing, complete as per specifications.	CU.M.	6.3	7221.55	45495.765	BDF-3/P/298 & B-7/P/38
9	Providing RCC 1:1.5:3 for Column in Substructure including, formwork, compaction by vibrator, curing, testing etc. with all leads and lifts, complete as per specifications.	CU.M.	6.46	13900.55	89797.553	BDF-5/P/300 & B-7/P/38
10	Providing RCC 1:1.5:3 for Beam in Substructure including, formwork, compaction by vibrator, curing, testing etc. with all leads and lifts, complete as per specifications.	CU.M.	5.29	12386.55	65524.8495	BDF-5/P/300 & B-7/P/38
11	Providing RCC 1:1.5:3 for Beam in Superstructure including, formwork, compaction by vibrator, curing, testing etc. with all leads and lifts, complete as per specifications.	CU.M.	17.33	12386.55	214658.9115	BDF-5/P/300 & B-7/P/38
12	Providing UCR Stone in Cement Mortar 1:6 in Substructure with scaffolding, curing, testing all leads and lift complete as per specifications.	CU.M.	27.82	5216.74	145129.7068	BDG-1/P/313
13	Providing BBM in Cement Mortar 1:6 in Superstructure with scaffolding, curing, testing all leads and lift complete as per specifications.	CU.M.	48.66	8484	412831.44	BDG-5/P/315
14	Cement Plaster 12 mm thick in single coat in Cement Mortar 1:5 to inside of walls with scaffolding, curing complete as per specifications.	SQ.M.	140	272.44	38141.6	BDL-2A/P/368

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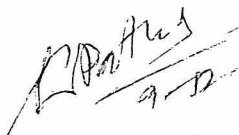
31	M.S. 11MM Fe-500 Grade Bar reinforcement conforming to IS:226 and IS:2062, including cutting, bending, binding with M.S. G.I. wires, placing in position, testing complete as per specifications and as directed.	M.T.	2.995	89737.88	268764.9506	BDF-17/P/306
32	Providing and fixing ISMB, other similar trussed purlins, members with all bracings, gusset plates conforming to IS:226 and IS:2062, nuts and bolts with fabrication, erection, scaffolding, Cleaning, applying, Red Oxide primer one coat and oil painting in two coats, testing, with all leads and lifts complete as per specifications and as directed.	M.T.	6.79	97793.88	664020.4452	BDC-2/P/275
33	0.9 m high and three rows S.S Railing of 304 grade complete as per specifications and as directed.	RM.	4	4004	16016	BDW & As directed by ENC.
34	Providing, ISMC 150X75 MM, fabricating, fixing in position with holdfast, one coat of red oxide primer and two coats of oil paint, etc complete as per specification complete as directed.	M.T.	0.25	97793.88	24448.47	BDC2/P/275
35	Providing Country Cut Teak wood frame of 125x65 mm size frame with/ without ventilator of size specified for doors including champhering, rounding rebating, fixing iron holdfast of size 300x40x5 mm, one coat of primer and two coats of oil paint, complete as per specification and as directed by Engineer-in-Charge.	CU.M.	0.046	200050	9202.3	SSR39.01/BDT/P/303
36	Providing and fixing solid core flush door shutter in single leaf 32 mm thick without ventilators, commercial type of exterior grade as per detailed drawing, with wrought iron holdfast, stainless steel fixtures and fastenings, one coat of primer and two coats of oil paint, complete as directed	SQ.M.	2.52	2913	7340.76	SSR 39.1/BDT-36/P/304
37	Providing and fixing in position (as per IS:1868/1988), the sliding window of two track with rectangular pipe having overall dimension 63.50x 38.1x1.02 mm at weight 0.547 Kg/R.M. and window frame track section 40x18x1.25 mm at weight 0.417 Kg/ R.M. as per detailed drawing and as directed by Engineer-in-Charge with all necessary fixtures and fastenings such as roller bearings in nylon casing and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass with all required screws and nuts etc, complete.	SQ.M.	3.6	5479	19724.4	SSR 39.37/BDT/P/310
38	Providing and laying RCC Chajja in cement concrete 1:1.5:3 for fins and padies, including formwork, vibration, curing, testing complete as per specifications and as directed.	CU.M.	1.08	17601	19009.08	SSR 26.31/BDF-16/P/232/IS:456(2004)
39	Providing, fabricating, fixing in position M.S. Ladder as per drawing and design, one coat of red oxide primer and two coats of oil paint complete as per specifications and as directed by the Engineer-in-Charge.	M.T.	0.1	97793.88	9779.39	BDC2/P/275
40	Providing and fixing in position 11.35 M height lightning arrester as per drawing, design, specification complete as directed by Engineer-in-Charge.	Number	0	8000	0	M.R.

Subhash D. Pathak
9-12-22

SUBHASH D. PATHAK
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MEASUREMENT SHEET OF CLEANING AND GRADING UNIT BUILDING, WITH ANCILLARY WORKS,

SR.NO.	DESCRIPTION OF ITEM	NO.	LENGTH	BREADTH	HEIGHT	QUANTITY	TOTAL QTY	UNIT
1	Excavation in soil plus sort murum							
	C1 Column	4	1.5	1.5	0.3	2.7		
	c2 Column	2	1.25	1.5	0.3	1.125		
	C3	4	1.25	1.5	0.3	2.25		
	Long Wall					0.3		
		4	2.45	0.75	0.3	2.205		
	Short side wall	4	2.675	0.75	0.3	2.4075		
	Short side wall	2	2.8	0.75	0.3	1.26		
	Platform					0.3		
	Long Wall	2	3.7	0.75	0.3	1.665		
	Short Wall	4	1.05	0.75	0.3	0.945		
TOTAL					14.5575	15	CU.M.	
2	Excavation in Hard murum							
	C1 Column	4	1.5	1.5	0.9	8.1		
	c2 Column	2	1.25	1.5	0.9	3.375		
	C3	4	1.25	1.5	0.9	6.75		
	Long Wall					0.9		
		4	2.45	0.75	0.9	6.615		
	Short side wall	4	2.675	0.75	0.9	7.2225		
	Short side wall	2	2.8	0.75	0.9	3.78		
	Platform					0.9		
	Long Wall	2	3.7	0.75	0.9	4.995		
	Short Wall	4	1.05	0.75	0.9	2.835		
TOTAL					43.6725	44	CU.M.	
3	Excavation in Hard murum and Boulders							
	LUMP SUM					5		
TOTAL					5	5	CU.M.	
4	Excavation in Soft Rock							
	LUMP SUM					1		
TOTAL					1	1	CU.M.	
5	Excavation in Hard Rock							
	LUMP SUM					1		
TOTAL					1	1	CU.M.	
5A	providing anti-termite treatment to							
	Bottom							
	C1 Column	4	1.5	1.5		9		
	c2 Column	2	1.25	1.5		3.75		
	C3	4	1.25	1.5		7.5		
	Long Wall					0		
		4	2.45	0.75		7.35		
	Short side wall	4	2.675	0.75		8.025		
	Short side wall	2	2.8	0.75		4.2		
	Platform					0		
	Long Wall	2	3.7	0.75		5.55		
Short Wall	4	1.05	0.75		3.15			
TOTAL					48.525	49	SQ.M.	
5B	Backfilling trenches & plinth							
	C1 Column	4	1.5	1.5		9		
	c2 Column	2	1.25	1.5		3.75		
	C3	4	1.25	1.5		7.5		
	Long Wall					0		
	Long Wall	4	2.45	0.75		7.35		
	Short side wall	4	2.675	0.75		8.025		
	Short side wall	2	2.8	0.75		4.2		
	Platform							
	Long Wall	2	5.575	0.75		8.3625		
	Short Wall	4	1.05	0.75		3.15		
	LESS							
	C1 Column	-4	0.6	0.6		-1.44		
	c2 Column	-2	0.35	0.6		-0.42		
	C3	-4	0.35	0.6		-0.84		
	Long Wall	-4	2.45	0.45		-4.41		
	Short side wall	-4	2.675	0.45		-4.815		
Platform	-2	2.8	0.45		-2.52			
Long Wall	-2	3.7	0.45		-3.33			
Short Wall	-4	1.05	0.45		-1.89			
TOTAL					31.6725	31.67	SQ.M.	
C	C & G Plinth	1	7.3	11.8		86.14		
						86.14	86	SQ.M.

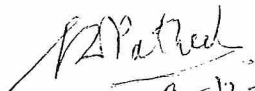

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	2	8		5.45	87.2		
	2	12.5		5.45	136.25		
	1	41	0.35		14.35		
	4	0.35	0.35		0.49		
	32	0.25		2	16		
	-6	0.6		0.6	-2.16		
	-2	3.5		4	-28		
	2	3.5	0.35		2.45		
	4	0.35		4	5.6		
					232.18	232	SQ. M.
16							
					140	140	SQ. M.
17							
					232	232	SQ. M.
18							
	12	0.6		0.6	4.32		
					4.32	4.32	SQ. M.
19							
	2	3.5		4	28		
					28	28	SQ. M.
20							
	12	0.6		0.6	4.32		
	5	3.5		4	70		
	2	10		0.1	2		
	2	5.5		0.1	1.1		
					77.42	77.42	SQ. M.
21							
	1	7.3	11.8	0.6	51.684		
					51.684		
	-44				-44		
					95.684	96	CU. M.
22							
	2	8.7	0.65	0.05	0.5655		
	2	12.5	0.65	0.05	0.8125		
					1.378	1.38	CU. M.
23							
	2	8.7	0.65	0.1	1.131		
	2	12.5	0.65	0.1	1.625		
					2.756	2.76	CU. M.
24							
	1	2.756		0.025	0.0689		
	1	7.3	11.8	0.025	2.1535		
					2.2224	2.22	CU. M.
25							
	2	8.7	0.65		11.31		
	2	12.5	0.65		16.25		
					27.56	27.56	SQ. M.
26							
	2	8.7	0.65		11.31		
	2	12.5	0.65		16.25		


 9/12/22
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35	Providing Teak Wood Frame of 125x65 mm size including planning, fixing holdfast, one coat of primer and two coats of oil pain, complete as per specification and as directed.								
	Door 1.2x2.1 m								
	Vertical	2	0.125	0.065	2.175	0.035344			
	Horizontal	1	0.125	0.065	1.33	0.010806			
						0.04615	0.046	CU.M.	
36	Providing 52 mm solid core flush door shutter, with necessary iron oxidised fixtures and fasteners, one coat of primer and two coats of oil paint, complete as directed								
	Shutter	1	1.2		2.1	2.52			
						2.52	2.52	SQ.M.	
37	Providing and fixing in position two track powder coated Aluminium Windows with stainless steel wire net complete as per specification and as directed.								
		2	1.2		1.5	3.6			
						3.6	3.6	SQ.M.	
38	Providing and laying RCC Chajja in cement concrete 1:1.5:3 for fins and pardies ,including formwork, vibration, curing ,testing complete as per specifications and as directed.								
	Cantilever pardi	12	0.6	0.8	0.1	0.576			
	Long sides bottom tier	24	0.6	0.2	0.1	0.288			
	Vertical Fins	2	1.2	0.6	0.1	0.144			
	WINDOW	4	0.6	0.3	0.1	0.072			
						1.08	1.08	CU.M.	
39	Providing, fabricating, fixing in position M.S. ladder as per drawing and design, one coat of red oxide primer and two coats of oil paint complete as per specifications and as directed by the Engineer-in-Charge.								
	M S ANGLES 50*50*6 mm	0	9.5	4.5		0			
	20 MM RUNGS @30 CM CM C/C	0	0.4	2.46		0			
	Base plate , Holdfast etc					0			
	Fire Bucket Stand					100			
	Total					100	0.1	M.T.	
40	Providing and fixing in position 11.35 M height lightening arrester as per drawing , design, specification complete as directed by Engineer-in-Charge.								
			0			0	0	NO.	


 9-12-22
SUBHASH D. PATHAK
 Chartered Engineer (I)
 M - 101120 - 5

PROPOSED CONSTRUCTION OF CLEANING AND GRADING UNIT BUILDING, WITH ANCILLARY WORKS, AT GAT NO.440, VILLAGE KHAMGAON, TAQ.& DIST.OSMANABAD
NAME OF COMPANY:-- GANRAYA FARMERS PRODUCER COMPANY LTD.
ROYALTY CHARGES RECOVERY STATEMENT

SR.NO.	PARTICULARS OF ITEM	EXECUTED	UNIT	MATERIAL QTY FOR ROYALTY CEMENT/ CU.M	TOTAL CEMENT IN BAGS	SAND	TOTAL SAND QTY. IN CU.M	MURUM/ CU.M	TOTAL QTY OF MURUM IN CU.M.	Metal/ CU.M.	TOTAL QTY OF METAL IN CU.M.	QTY OF RUBBLE PER CU.M	TOTAL RUBBLE QTY	TOTAL ROYALTY CHARGES
WH	UCRM FOR SUB													
1	STRUCTURE	27.82	CU.M	1.7	47.294	0.35	9.74					1.25	35	
2	BBM IN CM:1:6	48.66	CU.M	1.58	76.88	0.32	15.57							
	SUPERSTRUCTURE	23113.5												
	Sandraced cement paster In two coats (approved screened sand)	232	SQ.M.	0.17	39.44	0.025	5.8							
4	Internal cement plaster 12 mm thk. Single coat in C.M.(1:4)	176.32	SQ.M.	0.17	29.97	0.025	4.41	1.2	115.2	1.32	22.4268			
5	Hard Murum	96	CU.M.											
6	Stone Metal Layer	16.99	CU.M.											
7	TRIMIX CONCRETE M-20	14.23	CU.M.	7	99.61	0.43	6.12							
8	RCC Footing (1:1.5:3)	6.3	CU.M.	7	44.1	0.43	2.71							
9	RCC Column (1:1.5:3)	6.46	CU.M.	7	45.22	0.43	2.78							
9	RCC Beam (1:1.5:3)	22.62	CU.M.	7	158.34	0.43	9.73							
10	RCC Chajjas (1:1.5:3)	1.08	CU.M.	7	7.56	0.43	0.46							
	TOTAL OF RCC (1:1.5:3)	50.69	CU.M.											
11	PCC (1:3:6)/M-10	15.89	CU.M.	4.4	69.92	0.44	6.99							
	TOTAL				571.04		64.31		115.2		22.4268		35	
	ROYALTY CHARGES				29		212.01		212.01		212.01		212.01	
							13634.36		24423.55		4754.706		7420.35	50233

K. Pathak
9-12-22
SUBHASH D. PATHAK
Chartered Engineer (I)
M - 1011120 - 5

PROPOSED CONSTRUCTION OF CLEANING AND GRADING UNIT BUILDING, WITH ANCILLARY WORKS, AT GAT NO.440, VILLAGE KHAMGAON, TAQ. & DIST.OSMANABAD
NAME OF COMPANY:-- GANRAIYA FARMERS PRODUCER COMPANY LTD.
TESTING CHARGES RECOVERY STATEMENT

S.R.N.	PARTICULARS OF MATERIAL	QTY	UNIT	TESTS TO BE CARRIED OUT FITNESS, CONSISTENCY, Setting Time, Compressive Strength, Specific Gravity.	IND. OF TEST	RATE	AMOUNT	REMARK
1	Cement	29	M.T.	Compressive Cube Strength	1	7540	7540	One per 50 M.T. Upto 50 Cu.M.+4 PLUS one for additional 50 Cu.M. or part of it.
2	Concrete M-20	50.69	CU.M.	Water Absorption(Set of Compressive Strength(Set of 5No.)	4	1380	5520	One per 50000 No.
3	Bricks	48.66	CU.M.	Efflorescance (Set of 5No.)	1	1900	1900	
4	Sand	64.31	CU.M.	Fineness, Modulus, Silt C	1	1950	1950	One per source.
5	Murum	115.2	CU.M.	Gradation	1	600	600	One test per 400 Cu.M. One per 10 M.T. for each category of Diameter of bar.
6	Mild Steel	2.995	M.T.	Ultimate Tensile Test, Wt	1	1275	1275	
7	Structural steel	6.79			1	1595	1595	
	TOTAL RS				1	1595	1595	
						RS.	21975	

SUBHASH D. PATHAK
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S.D. Pathak
9-12-22

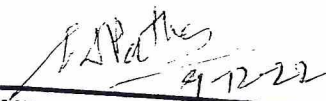
PROPOSED CONSTRUCTION OF CLEANING AND GRADING UNIT BUILDING, WITH ANCILLARY WORKS, AT GAT NO.440, VILLAGE KHAMGAON, TAQ & DIST.OSMANABAD
 NAME OF COMPANY:- GANRAJYA FARMERS PRODUCER COMPANY LTD.

R.A. FOR PROPOSED WAREHOUSE BUILDING, 1500 M.T. CAPACITY AND CLEANING & GRADING UNIT.

LEAD OF MATERIALS						
SR.NO	LEAD IN		ACTUAL CHARGES	PAY LOAD FACTOR	LEAD CHARGES	
	PARTICULARS	UNIT			PER	PER
1	SAND CRUSHED METAL UTO 40	20	CU.M.	488.73	5.75	85
2	MM CRUSHED METAL ABOVE 40	20	CU.M.	468.37	5.75	81.46
3	MM RUBBLE	20	CU.M.	488.73	6	81.46
4	RUBBLE	20	CU.M.	597.92	4.7	127.22
5	BRICKS	30	NO.	1428.44	3.105	460.05
6	HARD MUF	10	CU.M.	330.77	6	55.13
7	CEMENT	20	M.T.	348.11	10	34.81
8	STEEL	20	M.T.	348.11	10	34.81

SSR 2022-23 RATE WITH LEAD CHATGES STATEMENT

SR.NO OF ESTIMATE ITEM	DESCRIPTION	MATERIAL REQD	MATERIAL REQD PER	LEAD CHARGES PER CU.M.	TOTAL LEAD CHARGES	TOTAL MATERIAL LEAD CHARGES	BASIC RATE AS PER SSR 22-23	TOTAL RATE IN RS.	SSR ITEM NO.
10&11	7 PCC Bed	Sand	0.47	85	39.95				
		Metal	0.94	81.46	76.57				
		Cement	4.4	1.74	7.66				
					124.18	124.18	5830	5954.18	24.01/BOE-1
	8 RCC Footin	Sand	0.425	85	36.13				
		Metal	0.85	81.46	69.24				
Cement		7	1.74	12.18					
				117.55	117.55	7104	7221.55	25.11/BOE-3	
9 RCC Colum	Sand	0.425	85	36.13					
	Metal	0.85	81.46	69.24					
	Cement	7	1.74	12.18					
				117.55	117.55	13783	13900.55	25.33/BOE-5	
RCC Beam & Lintel in CC M-20	Sand	0.425	85	36.13					
	Metal	0.85	81.46	69.24					
	Cement	7	1.74	12.18					
				117.55	117.55	12269	12386.55	25.50/BOE-6	
12	Masonry in C.M.(1:6) in substructure	Sand	0.35	85	29.75				
		Rubble	1.25	127.22	159.03				
		Cement	1.7	1.74	2.96				
				191.74	191.74	5025	5216.74	28.01/BOE-1	
13	B.M in Superstructure in C.M.(1:6)	Sand	0.32	85	27.2				
		Burnt Bricks	1	460.05	460.05				
		Cement	1.58	1.74	2.75				
				490	490	7994	8484	27.06/BOE-7	
14	Cement plaster 12 mm thick in C.M.1:5, in single coat without neeru finish.	Sand	0.015	85	1.28				
		Cement	0.09	1.74	0.16				
					1.44	1.44	271	272.44	32.03/BOE-2


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M.S. Angle	se	1.002	34.81	34.88	34.88	89703	89737.88	SSR 26.33/BDF-17/P/233
Zincalume Sheet	∞	0.003848	34.81	0.13	0.13	1113	1113.13	SSR 38.34/BDR/P/292

SERVICE RO-O-OADS

3 C.O.S Metal		1.05	81.46	85.53	85.53	885	970.53	RS. 887/- PER CU.M. IS SUPPLY MARKRT RATE
18 Size Metal		1.05	81.46	85.53	85.53	885	970.53	RS. 887/- PER CU.M. IS SUPPLY MARKRT RATE
18 Size Metal		1.05	55.13	57.89	57.89	585	642.89	SSR 2.29b /P/28
18 Size Metal		0.03675	34.81	1.279268	1.28	7257	7258.28	SSR 23.05/BDR/P/213

18 Size Metal
18 Size S.M.
FUND WALL
Rate SQ.M.
Rate in M.T.
035

Subhash D. Pathak
9-12-22

SUBHASH D. PATHAK
Chartered Engineer (I)
M - 101120 - 5