

RECAPULATION SHEET

PROPOSED CONSTRUCTION OF 912 M.T. WAREHOUSE, OFFICE BUILDING WITH ANCILLARY WORKS AT GAT NO.51,
BEMBLI, TAL-OSMANABAD, DIST. OSMANABAD.

NAME OF COMPANY:-- ABHINAV VIKASIT FARMERS PODUCER CO.LTD. BEMBLI, TAL-OSMANABAD, DIST- OSMANABAD.

SR.NO.	PARTICULARS OF SUBWORK	CAPACITY IN M.T.	UNIT	AMOUNT IN RS.	COST IN RS. PER M.T.
1	Construction of Warehousing Building, Office Building.	912	M.T.	7241648	7940
2	Internal Service Roads			1074670	
3	Compound Wall			359299	
4	Electrification @1.50% of Warehouse Building			108625	
5	Royalty Charges			281552	
6	Testing Charges			53220	
	TOTAL		RS	9119014	
7	ADD 18% GST			1641423	
8	ADD 1% LABOUR INSURANCE			91190	
9	TOTAL		RS.	10851627	
10	GRAND TOTAL		SAY RS/M.T.	10,851,627	11899

For Sanjivani Studios
M-101120-5
Chartered Engineer (IEI)

[Handwritten Signature]

PROPOSED CONSTRUCTION OF 912 M.T. WAREHOUSE, OFFICE BUILDING WITH ANCILLARY WORKS AT GAT NO.51, BEMBLI, TAL-OSMANABAD, DIST. OSMANABAD.						
NAME OF COMPANY:-- ABHINAV VIKASIT FARMERS PRODUCER CO.LTD. BEMBLI, TAL-OSMANABAD, DIST-OSMANABAD						
ABSTRACT OF MEASUREMENTS WAREHOUSE UNIT, OFFICE ROOM.						
SR.NO.	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	AMOUNT	Standard Specification Reference.
1	Excavation in soil plus soft murum with all leads and lifts, with backfilling the trenches and dewatering complete.(Mannually)	CU.M.	67	232	15544	BDA-1/Page No. 259
2	Excavation in Hard murum with all leads, lifts including backfilling the trenches and dewatering complete.	CU.M.	114	354	40356	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.	19	235	4465	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.	2	291	582	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.	2	1051	2102	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.	68	92	6256	
B	Backfilling of Trenches	SQ.M.	25	97	2425	
C	Plinth and Apron	SQ.M.	456	94	42864	
7	Providing ,laying, PCC 1:4:8 including formwork, compaction , curing with all leads and lifts complete as per specifications.	CU.M.	71.48	5258	375841.84	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.	3.08	6666	20531.28	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.	0	12987	0	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.	7.47	11483	85778.01	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.	12.8	11483	146982.4	BDF-5/P/300 &B-7/P/38
12	situ/Ready Mix C.C. M-20 of trap metal for RCC slab as per detailed design and drawing, steel centering, formwork, cover blocks, laying/pumping, compacting, curing, finishing and roughening them to form surface with C.M. 1:3 of sufficient minimum thickness to give smooth and even surface or roughening them if special finish is to be provided and curing complete (Excluding reinforcement and structural steel). with fully automatic	CU.M.	0.3	13943	4182.9	BDF-8/P/300 &B-7/P/38
13	Providing OCR Stone in Cement Mortar 1:6 in Substructure with scaffolding, curing , testing all teads and lift complete as per specifications.	CU.M.	74.34	4775	354973.5	BDG-1/P/313
14	Providing BBM in Cement Mortar 1:6 in Superstructure with scaffolding, curing , testing all teads and lift complete as per specifications.	CU.M.	97.2	7570	735804	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.	267	264	70488	BDL- 2A/P/368

15	Plaster externally in C.M.1:4 using approved screened sand in all positions including base coat Of 15 mm thick,in C.M. 1:4,using Waterproof Compound at 1 kg per cement bag, curing the same for not less than two days and keeping the surface of the base coat rough to receive sand face treatment 6 to 8 mm thick in C.M.1:4 finishing the surface by taking out grains and curing for 14 days scaffolding etc complete.	SQ.M.	378	599	226422	
16	Providing white lime wash in two coats to internal wall of Warehouse, scaffolding etc complete as per specifications.	SQ.M.	267	11	2937	
17	Providing Colour wash in two coats to External wall of Warehouse, scaffolding etc, complete as per specifications.	SQ.M.	378	17	6426	
18	Providing Steel Ventilators as per drawing , scaffolding etc complete as per specifications.	SQ.M.	8.64	1917	16562.88	
19	Providing Mild Steel Rolling Shutters as per drawing , scaffolding etc complete as per specifications.	SQ.M.	8.64	4310	37238.4	
20	Providing Plastic Emulsion painting in three Coats to Steel Ventilators and Rolling Shutters.	SQ.M.	45.096	88	3968.448	
21	Providing Hard pavement in plinth with approved material obtained from contractors source with all leads and lifts , laying layers of 20 to 30 cm; breaking clods to the required lines, grades, and curves and section,watering compaction not less than 97% of Standard Proctor Density etc. complete	CU.M.	127	546	69342	SSR 25/383
22	Providing ,laying PCC M 15 on top of Apron compaction, curing , testing complete as per specifications.	CU.M.	3	6030	18090	BDE-2/P/288
23	Providing Size metal layer , complete as per specifications and as directed by Engineer-in-Charge..	CU.M.	6	1621	9726	CD-1/P/159
24	Providing soft murum bindage over apron and size metal layer in plinth, watering, compaction by plate vibrator/ 10 T Roller, complete as per specifications.	CU.M.	12	395	4740	SSR 25/383

25	Providing watering, compaction by plate vibrator over apron size metal layer complete as per specifications.	SQ.M.	57	50	2850	M.R.
26	Providing Cement plaster 12 mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or brick surface in all positions, including curing, scaffolding complete as per specifications and as directed by Engineer-in-Charge.	SQ.M.	245	264	64680	BDL2/P/368
27	Providing fine cement finish 1.50 mm thick over green plaster surface including scaffolding curing etc, complete	SQ.M.	245	68	16660	As directed by Engineer-in-Charge.
28	Providing Compacted 200 mm thick 65% Oversize plus 35% Size metal layer in the plinth of Warehouse building, spreading, watering, compaction by 10 T roller, including soft murum as blindage complete as per specifications	CU.M.	45	1302	58590	AS per R.A.
29	Providing PCC 1:1.5:3, 100 mm thick Trimix Concrete layer in the plinth floor of Warehouse building, M.S. Channel form work, skid vibrator, vacuum dewatering, travelling with machine, rough finish, groove cutting for construction and expansion joint filling the groove with Thermocol and polysulphide sealant, arranging 3 phase electric supply for the work, complete as per specifications and as directed.	CU.M.	45	6365	286425	BDE-2/P/288
30	Providing and fixing M.S. Sill Angle of size 50x50 6mm at Rolling Shutter Door including hold fast, line level complete as per specifications.	M.T.	0.0216	89181	1926.3096	BDC2/P/275
31	M.S.TMT 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.	4.477	71778	321350.106	BDF-17/P/306

32	Providing Mild Steel Pre Engineering Structureals, conforming to IS:226 and IS:2062, Beams, angles, plate, Channel, nuts and bolts with fabrication ,erection, scaffolding , Cleaning, applying, Red Oxide primer one coat and oil paing in two coats, testing, with all leads and lifts complete as per specifications and as diredted.	SQ.M.	497.48	4503.6	2240450.928	BDC-2/P/275
33	Providing and laying vitrified matt finish tiles having size 590 mm to 605 mm of 8-10 mm thickness and conforming to 15622-2006 (Group Bla) of approved make, shade, pattern flooring in required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints, curing and cleaning etc, complete.	SQ.M.	15.34	1579	24221.86	BDW & As directed by ENC.
34	Providing, ISMC 150x75 mm, fabricating, fixing inpostion with holdfast, one coat of red oxide primer and two coats of oil paint, etc complete as per specification complete as directed.	M.T.	0.39	89181	34780.59	BDC-2/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.	0.036	183164	6593.904	SSR P/389
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.	2.051	2652	5439.252	BDT-36/P/500

37	Providing and fixing in position (as per IS:1868/1988), the sliding window of two track with rectangular pipe having overall dimension 63.50x38.1x1.02 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	4794	17258.4	BDT and as directed by Engineer-in-Charge
38	Providing and laying RCC Chajja in cement concrete 1:1.5:3 for fins and pannels, including formwork, vibration, curing, testing complete as per specifications and as directed.	CU.M.	2.88	17214	49576.32	BDF-16/P/306/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.	0.11	89181	9809.91	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	1	8000	8000	M.R.
41	Providing Canbextra G.P. Non-Strink, Fosroc or equivalent grout including supply, preparation, laying that mortar to size 600x600x50 mm, neatly complete as directed by Engineer-in-Charge.	KG	17500	95	1662500	As per Rate Analysis
42	Providing and fixing in position 150 mm diameter G.I. Pipe sleeves for fixing foundation bolts Complete as directed by Engineer-in-Charge.	RUNNING METER	54	1642	88668	As per Rate Analysis

R. B. Patil

	Providing and fixing rolling shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate of 3.15 mm thickness reinforced with 35 x 35 x 5 mm angle section fitted with sliding bolts and handles for both sides, deep M.S. channel section of depth and thickness not less than 65 mm and 3.15 mm respectively with hold fast arrangements, M.S. Bracket plate 300 x 300 x 3.15 mm minimum size and shape with square bar, suspension shaft of minimum 32 mm diameter, hood cover of M.S. sheet not less than 0.9 mm thickness and of any size at top and safety devices including mechanical gear operation arrangement consisting of worm gear wheels and worms of high grade cast iron or mild steel and one coat of red lead primer etc. complete. (I.S. 62481979) (Without mechanical gear)					
43						
A	1.8X2.4 M	SQ.M.	8.64	4310	37238.4	
B	3X3.5 M	SQ.M.	0	15576	0	
44	Providing Dock Leveller as perspecification,design, installation, packaging, freight, taxes complete of Gandhi Automation Pvt.Ltd. Or equivalent brand, complete as directed by Engineer-in-Charge.	SQ.M.	0	41915	0	
				TOTAL	7241647.638	

NAME OF WORK:-- PROPOSED CONSTRUCTION OF 912 M.T. CAPACITY WAREHOUSE BUILDING, OFFICE ROOM, WITH ANCILLARY WORKS AT BEMBLI, TAL.& DIST. OSMANABAD.

NAME OF COMPANY:-- ABHINAV VIKASIT FARMERS PODUCER CO.LTD. BEMBLI, TAL-OSMANABAD, DIST- OSMANABAD.

ESTIMATE FOR PROPOSED CONSTRUCTION OF 912 M.T. WAREHOUSE, OFFICE BUILDING

SR.NO.	DESCRIPTION OF ITEM	NO.	LENGTH	BREADTH	HEIGHT	QUANTITY	TOTAL QTY	UNIT
	WAREHOUSE BUILDING 912 M.T.							
1	Excavation in soil plus soft murum							
	C1 Column	4	1.4	1.4	0.35	2.744		
	c2 Column	4	1.25	1.25	0.35	2.1875		
	C3	2	1.25	1.25	0.35	1.09375		
	Long Wall	6	7.225	0.75	0.35	11.379375		
	Short Wall	4	6.125	0.75	0.35	6.43125		
	Apron				0.35			
	Long Wall	2	27.15	0.22	0.35	4.1811		
	Short Wall	2	16.1	0.22	0.35	2.4794		
	Gutter				0.35	0		
	Long Wall	2	27.15	1.06	0.35	20.1453		
	Short Wall	2	16.1	1.06	0.35	11.9462		
	Platform				0.35			
	Long Wall	2	3.9	0.75	0.35	2.0475		
	Short Wall	4	1.8	0.75	0.35	1.89		
	TOTAL					66.525375	67	CU.M.
2	Excavation in Hard murum							
	C1 Column	4	1.4	1.4	0.6	4.704		
	c2 Column	4	1.25	1.25	0.6	3.75		
	C3	2	1.25	1.25	0.6	1.875		
	Long Wall	6	7.225	0.75	0.6	19.5075		
	Short Wall	4	6.125	0.75	0.6	11.025		
	Apron				0.6			
	Long Wall	2	27.15	0.22	0.6	7.1676		
	Short Wall	2	16.1	0.22	0.6	4.2504		
	Gutter				0.6	0		
	Long Wall	2	27.15	1.06	0.6	34.5348		
	Short Wall	2	16.1	1.06	0.6	20.4792		
	Platform				0.6			
	Long Wall	2	3.9	0.75	0.6	3.51		
	Short Wall	4	1.8	0.75	0.6	3.24		
	TOTAL					114.0435	114	CU.M.
3	Excavation in Hard murum and Boulders							
	C1 Column	4	1.4	1.4	0.1	0.784		
	c2 Column	4	1.25	1.25	0.1	0.625		
	C3	2	1.25	1.25	0.1	0.3125		
	Long Wall	6	7.225	0.75	0.1	3.25125		
	Short Wall	4	6.125	0.75	0.1	1.8375		
	Apron				0.1			
	Long Wall	2	27.15	0.22	0.1	1.1946		
	Short Wall	2	16.1	0.22	0.1	0.7084		
	Gutter				0.1	0		

R. P. Mahale

	Long Wall	2	27.15	1.06	0.1	5.7558		
	Short Wall	2	16.1	1.06	0.1	3.4132		
	Platform				0.1			
	Long Wall	2	3.9	0.75	0.1	0.585		
	Short Wall	4	1.8	0.75	0.1	0.54		
	TOTAL					19.00725	19	CU.M.
4	Excavation in soft rock							
	C1 Column	4	1.4	1.4	0.025	0.196		
	c2 Column	4	1.25	1.25	0.025	0.15625		
	C3	2	1.25	1.25	0.025	0.078125		
	Long Wall	6	7.225	0.75	0.025	0.8128125		
	Short Wall	4	6.125	0.75	0.025	0.459375		
	TOTAL					1.7025625	2	CU.M.
5	Excavation in Hard Rock							
	C1 Column	4	1.4	1.4	0.025	0.196		
	c2 Column	4	1.25	1.25	0.025	0.15625		
	C3	2	1.25	1.25	0.025	0.078125		
	Long Wall	6	7.225	0.75	0.025	0.8128125		
	Short Wall	4	6.125	0.75	0.025	0.459375		
	TOTAL					1.7025625	2	CU.M.
6A	providing anti-termite treatment to							
	C1 Column	4	1.4	1.4		7.84		
	c2 Column	4	1.25	1.25		6.25		
	C3	2	1.25	1.25		3.125		
	Long Wall	6	7.225	0.75		32.5125		
	Short Wall	4	6.125	0.75		18.375		
6B						68.1025	68	SQ.M.
	Backfilling trenches & plinth							
	C1 Column	4	1.4	1.4		7.84		
	c2 Column	4	1.25	1.25		6.25		
	C3	2	1.25	1.25		3.125		
	Long Wall	6	7.225	0.75		32.5125		
	Short Wall	6	6.125	0.75		27.5625		
	LESS							
	C1 Column	-4	0.5	0.5		-1		
	c2 Column	-4	0.5	0.35		-0.7		
	C3	-2	0.5	0.35		-0.35		
	Long Wall	-6	8.2	0.6		-29.52		
	Short Wall	-4	8.45	0.6		-20.28		
						25.44	25	SQ.M.
6C	Warehouse Plinth and Apron							
	Warehouse Plinth	1	25.3	17.25		436.425		
	Apron							
	Length	2	26	0.22		11.44		
	Width	2	17.95	0.22		7.898		
						455.763	456	SQ.M.
7	Providing PCC 1:4:8							
	C1 Column	4	1.4	1.4	0.1	0.784		
	c2 Column	4	1.25	1.25	0.1	0.625		
	C3	2	1.25	1.25	0.1	0.3125		
	Long Wall	6	8.2	0.75	0.1	3.69		
	Short Wall	4	8.45	0.75	0.1	2.535		

	Plinth below Floor Concrete	1	25.3	17.25	0.1	43.6425		
	Below Plinth Beams				0.1			
	Long Wall	6	8.2	0.45	0.1	2.214		
	Short Wall	4	8.45	0.45	0.1	1.521		
	Apron				0.1			
	Long Wall	2	26	0.65	0.1	3.38		
	Short Wall	2	17.95	0.65	0.1	2.3335		
	Gutter				0.1	0		
	Long Wall	2	26	1.06	0.1	5.512		
	Short Wall	2	17.95	1.06	0.1	3.8054		
	Platform				0.1			
	Long Wall	2	3.9	0.75	0.1	0.585		
	Short Wall	4	1.8	0.75	0.1	0.54		
	TOTAL					71.4799	71.48	CU.M.
	Providing RCC 1:1.5:3 for							
8	footing							
	C1 Column	4	1.1	1.1	0.3	1.452		
	c2 Column	4	0.95	0.95	0.3	1.083		
	C3	2	0.95	0.95	0.3	0.5415		
						3.0765	3.08	CU.M.
	Providing RCC 1:1.5:3 for							
9	Column							
	Below plinth							
	C1 Column	4	0.35	0.5	1.4	0.98		
		4	0.15	0.35	1.4	0.294		
	c2 Column	4	0.35	0.5	1.4	0.98		
	C3	2	0.35	0.5	1.4	0.49		
	Above plinth							
	C1 Column	4	0.35	0.5	5.5	3.85		
		4	0.15	0.35	5.5	1.155		
	c2 Column	4	0.35	0.5	5.5	3.85		
	C3	2	0.35	0.5	5.5	1.925		
	C3 in Gable	2	0.35	0.5	3.75	1.3125		
						14.8365	14.84	CU.M.
	Providing RCC 1:1.5:3 for							
10	Beams							
	Below Plinth							
	Long Wall	6	8.2	0.45	0.2	4.428		
	Short Wall	4	8.45	0.45	0.2	3.042		
						7.47	7.47	CU.M.
	Providing RCC 1:1.5:3 for							
11	Beams							
	Above Plinth Level							
	At Lintel level							
	Long Wall	6	8.2	0.35	0.2	3.444		
	Short Wall	4	8.45	0.35	0.2	2.366		
	At Eaves level							
	long wall	6	8.2	0.35	0.2	3.444		
	Short Wall	4	8.45	0.35	0.2	2.366		
	At Gable	4	4.225	0.35	0.2	1.183		
						12.803	12.8	CU.M.
	Providing RCC 1:1.5:3 for slab							
12	office Room Slab, Provision					0.3		

					say	0.3	0.3	CU.M.
13	Providing UCR Masonry in Cement Mortar 1:6 in Substructure							
	Long Wall	6	7.225	0.6	1	26.01		
	Above G.L.	6	7.225	0.45	0.9	17.55675		
	Short Wall	2	7.475	0.6	1	8.97		
		2	7.475	0.45	0.9	6.05475		
	Platform Step-I							
	Long Wall	2	3.9	0.6	1.75	8.19		
	Short Wall	4	1.8	0.6	1.75	7.56		
	Office Room Steps							
		1	1.8	1.2	0.7	1.512		
	Total					74.3415	74.34	CU.M.
14	Providing BBM in Cement Mortar 1:6 in Superstructure							
	Long Wall	6	8.2	0.35	3	51.66		
	Short Wall	4	8.45	0.35	3	35.49		
	Deductions							
	V1	-24	0.6	0.35	0.6	-3.024		
	Rolling Shutters	-2	1.8	0.35	2.4	-3.024		
	Lintel Beam , Eaves level and gable	-12.8				-12.8		
	Gutter Bottom							
	Long Wall	2	26	0.76	0.23	9.0896		
	Short Wall	2	17.95	0.76	0.23	6.27532		
	Gutter sides					0		
	Long Wall	2	26	0.23	0.3	3.588		
	Short Wall	2	17.95	0.23	0.4	3.3028		
	Platform							
	Long Wall	2	3.9	0.35	0.75	2.0475		
	Short Wall	4	1.5	0.35	0.75	1.575		
	Office Room Steps					0		
	step-1	1	0.3	1.2	0.9	0.324		
	Step-2	1	0.6	1.2	0.75	0.54		
	Step-3	1	0.9	1.2	0.6	0.648		
	Step-4	1	1.2	1.2	0.45	0.648		
	Step-5	1	1.5	1.2	0.3	0.54		
	Step-6	1	1.8	1.2	0.15	0.324		
	TOTAL					97.20422	97.2	CU.M.
15	Cement Plaster 12 mm thick in single coat in Cement Mortar 1:4 to inside of walls							
	Long Walls	2	25.3		3	151.8		
	Short Walls	2	17.25		3	103.5		
	Top sills	1	85.1		0.35	29.785		
	Deductions							
	V1	-8	0.6		0.6	-2.88		
	Rolling Shutters	-4	1.8		2.4	-17.28		
	Office Room							
	Door	-0.5	1		2.1	-1.05		
	Window	-1	1.2		1.5	-1.8		
	Add for Sills & Jams of Rolling Shutters							
	Top sills	2	1.8	0.35		1.26		

	Jams	4	0.35		2.4	3.36		
						266.695	267	SQ.M.
16	Waterproof Cement Plaster 23 (15+8) mm thick in two coat in Cement Mortar 1:4 to external faces of walls							
	Long Walls	2	26		4.2	218.4		
	Short Walls	2	17.95		4.2	150.78		
	Sides of Columns	28	0.15		4.2	17.64		
	Deductions							
	V1	-12	0.6		0.6	-4.32		
	Rolling Shutters	-4	1.8		2.4	-17.28		
	Add for Sills & Jams of Rolling Shutters							
	Top sills	2	1.8	0.35		1.26		
	Jams	4	0.35		2.4	3.36		
	Office Room Steps							
	Sides of Steps	2	1.8		0.15	0.54		
		2	1.5		0.3	0.9		
		2	1.2		0.45	1.08		
		2	0.9		0.6	1.08		
		2	0.6		0.75	0.9		
		2	0.3		0.9	0.54		
	Treads	6	1.2	0.3		2.16		
	Risers	6	1.2		0.15	1.08		
						378.12	378	SQ.M.
17	Providing White lime wash in two coats to internal wall of Warehouse							
	Quantity same as that of internal cement plaster					267	267	SQ.M.
18	Providing Colour wash in two coats to External wall of Warehouse							
	Quantity same as that of external cement plaster					378	378	SQ.M.
19	Providing Steel Ventilators weighing 20Kg per Squaremeter and as per drawing and specifications							
	V1 Ventilators	24	0.6		0.6	8.64		
						8.64	8.64	SQ.M.
20	Providing Rolling shutter as per drawing and specifications							
	Rolling Shutters	4	1.8		2.4	17.28		
	Office Room	0	1.8		2.4	0		
						17.28	17.28	SQ.M.
21	Providing Synthetic Emulsion painting in three Coats to Steel Ventilators and Rolling Shutters.							

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	V1 Ventilators	24	0.6		0.6	8.64		
	Rolling Shutters	5	1.8		2.4	21.6		
	Stack Lines							
	Length	8	11.3		0.1	9.04		
	Breadth	8	7.27		0.1	5.816		
						45.096	45.096	SQ.M.
22	H.M. filling with watering and compaction							
	Plinth of Warehouse	1	25.3	17.25	0.5	218.2125		
	Apron					0		
	Long Wall	2	26	0.37	0.5	9.62		
	Short Wall	2	17.95	0.37	0.5	6.6415		
	Platforms							
		2	4.15	1.5	0.5	6.225		
	Available from excavation							
						-114		
	QTY Required to bring from outside					126.699	127	CU.M.
23	Providing PCC 1:2:4 on top of Apron							
	Apron							
	Long Wall	2	26	0.65	0.05	1.69		
	Short Wall	2	17.95	0.65	0.05	1.16675		
						2.85675	3	CU.M.
24	Providing Size metal layer on Apron							
	Apron							
	Long Wall	2	26	0.65	0.1	3.38		
	Short Wall	2	17.95	0.65	0.1	2.3335		
						5.7135	6	CU.M.
25	Providing soft murum blindage over apron & Warehouse size metal layer							
	WH	1	25.3	17.25	0.025	10.910625		
	Apron							
	Long Wall	2	25.3	0.65	0.025	0.82225		
	Short Wall	2	17.25	0.65	0.025	0.560625		
26						12.2935	12	CU.M.
	Providing compaction by plate vibrator over apron size metal layer							
	Apron							
	Long Wall	2	26	0.65		33.8		
	Short Wall	2	17.95	0.65		23.335		
27						57.135	57	SQ.M.
	Cement plaster 12 mm thick without cement slurry finish							
	Apron Top							
	Long Wall	2	26	0.65		33.8		
	Short Wall	2	17.95	0.65		23.335		
	Gutter							
	Bottom							
	Long Wall	2	26	0.3		15.6		
	Short Wall	2	17.95	0.3		10.77		

	Sides								
	Long Wall	2	26		0.3	15.6			
	Short Wall	2	17.95		0.3	10.77			
	Long Wall	2	26		0.4	20.8			
	Short Wall	2	17.95		0.4	14.36			
	gutter top of wall								
	Long Wall	2	26	0.23		11.96			
	Short Wall	2	17.95	0.23		8.257			
	WH								
	Long Wall plinth to Apron level	2	26		0.6	31.2			
	Short Wall	2	17.95		0.6	21.54			
	Platforms								
	Long Wall	4	3.9		0.9	14.04			
	Short Wall	8	1.8		0.9	12.96			
						244.992	245	SQ.M.	
28	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	245			
						245	245	SQ.M.	
29	Providing Compacted 100 mm thick Size metal layer in the plinth of Warehouse building								
	WH	1	25.3	17.25	0.1	43.6425			
	Platforms	2	4.5	1.8	0.1	1.62			
						45.2625	45	CU.M.	
30	Providing RCC 1:1.50:3, 100 mm thick Concrete layer in the plinth floor of Warehouse building								
	WH	1	25.3	17.25	0.1	43.6425			
	Platforms	2	4.5	1.8	0.1	1.62			
						45.2625	45	CU.M.	
31	Proving and fixing M.S. Sill Angle of size 50x50 6mm at Rolling Shutter Door inclung hold fast, line level complete as per specifications.								
	Rolling Shutters	2	2.4	4.5	Kg/per M	21.6			
						0.0216	0.0216	M.T.	
32	M.S. Bar Reinforcement								
	Footing	3.08	CU.M	80	Kg/per CU.M.	246.4			
	Column in Sub Structure & Superstructure	14.84	CU.M	125	Kg/per CU.M.	1855			
	Beam in Sub Structure	7.47	CU.M	125	Kg/per CU.M.	933.75			
	Beam in Super Structure	12.8	CU.M	100	Kg/per CU.M.	1280			
	Chajjas in Superstructure Structure	2.88	CU.M	50	Kg/per CU.M.	144			

	Slab in superstructure	0.3	CU.M	60	Kg/per CU.M.	18		
						4477.15		
					Total	4.477	M.T.	
32	Providing Mild Steel Pre Engineering Structureals, Beams, angles, plate, Channel, nuts and bolts with fabrication ,erection, scaffolding , Cleaning, applying, Red Oxide primer one coat and oil paing in two coats, testing, with all leads and lifts complete as per specifications and as diredted.							
	Area of Warehouse	1	26	17.95		466.7		
	Platform	2	8.55	1.8		30.78		
						497.48	497.48	SQ.M
33	Vitrified tile flooring							
	Office Room	1	2	7.5		15		
		1	0.34	1		0.34		
						15.34	15.34	SQ.M.
34	Providing, ISMC 150X65 MM, fabricating, fixing inpostion with holdfast, one coat of red oxide primer and two coats of oil paint, etc complete as per specification complete as directed.							
	Platforms							
	Long Side	4	3.9			15.6		
	Short Sides	8	1.8			14.4		
						30	RM.	
					WT in Kg/ M	13.1		
					TOTAL WT	393		
						0.39	0.39	M.T.
35	Providing Teak Wood Frame of 100x60 mm size including planning, fixing holdfast, one coat of primer and two coats of oil pain, complete as per specification and as directed.							
	Door 1x2.1 m							
	Vertical	2	0.1	0.06	2.175	0.0261		
	Horizontal	1	1.575	0.1	0.06	0.00945		
						0.03555	0.036	CU.M.

36	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								
	Shutter	1	1.008		2.035	2.05128			
						2.05128	2.051	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 pardiies ,including formwork, vibration, curing ,testing complete as per specifications and as directed.								
	Cantilever pardi								
	Long sides bottom tier	24	0.6	0.8	0.1	1.152			
	Vertical Fins								
	Long sides bottom tier	48	0.6	0.6	0.1	1.728			
						2.88	2.88	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	2	7.8	4.5		70.2			
	20 MM RUNGS @30 CMCM C/C	34	0.4	2.46		33.456			
40	Base plate , Holdfast etc					10			
						0.113656	0.11	M.T.	
41	Providing and fixing in position 11.35 M height lightening arrester as per drawing , design, specification complete as directed by Engineer-in-Charge.								
			1				1	1	NO.

	Providing Canbextra G.P. Non-Strink, Fosroc or equivalent grout including supply, preparation, laying that mortar to size 600x600x50 mm , neatly complete as directed by Engineer-in -Charge.							
42								
	Column Pedastal	10	35	0.5	0.05	8.75	8.75	CU.M.
	DENSITY						2000	KG/CU.M
							17500	KG.
	Providing and fixing in position 150 mm diameter G.I.Pipe sleeves for fixing foundation bolts Complete as directed by Engineer-in-Charge.							
43								
		10	6	0.9		54	54	R.M.
	Providing and fixing formwork shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate of 3.15 mm thickness reinforced with 35 x 35 x 5 mm angle section fitted with sliding bolts and handles for both sides, deep M.S. channel section of depth and thickness not less than 65 mm and 3.15 mm respectively with hold fast arrangements, M.S. Bracket plate 300 x 300 x 3.15 mm minimum size and shape with square bar, suspension shaft of minimum 32 mm diameter, hood cover of M.S. sheet not less than 0.9 mm thickness and of any size at top and safety devices including mechanical gear operation arrangement consisting of worm gear wheels and worms of high grade cast iron or mild steel and one coat of red lead primer etc. complete. (I.S. 62481979) (Without							
44								
A	1.8X2.4 M	2	1.8		2.4	8.64		
						8.64	8.64	SQ.M.
B	3X3.5 M	0	3		3.5	0		
						0	0	SQ.M.

PROPOSED CONSTRUCTION OF 912 M.T. WAREHOUSE, OFFICE BUILDING WITH ANCILLARY WORKS AT GAT NO.51, BEMBLI, TAL. & DIST. OSMANABAD.
NAME OF COMPANY:- ABHINAV VIKASIT FARMERS PRODUCER CO.LTD. BEMBLI, TAL. & DIST. OSMANABAD.

RATE ANALYSIS

S.R.NO	PARTICULARS	AREA	BASIC RATE PER ROLLING SHUTTER	INSTALLATIO N	PACKING & FREIGHT	TOTAL	GST&18%	TOTAL RATE	ADD 10% CONTRACTOR. S PROFIT	GRAND TOTAL AMOUNT	RATE PER SQ.M	UNIT
	1 position Rolling Shutters electric motorised Gandhi Automotive or equivalent brand, including supply, installation at site with leads and lift, taxes etc complete as directed by Engineer-in Charge.											
	1.8x2.4 M	4.32	80300	12000	2000	94300	16974	111274	11127.4	122401.4	28334	SQ.M
	3X3.50 M	10.5	112000	12000	2000	126000	22680	148680	14868	163548	15576	SQ.M
	2 DOCK LEVELLER	4.32	121000	16500	2000	139500	25110	164610	16461	181071	41915	SQ.M
	1.8x2.4 M											
	3 SLIDING GATE											
	6X1.5	9	317900	38500	2000	358400	64512	422912	42291.2	465203.2	51689	SQ.M
	4 PEBB STRUCTURE											
		1	4842				871.56	5713.56	571.356	6284.916	6285	SQ.M.
	PROVING & FIXING IN POSITION 100 MM DIA. G.I. PIPE SLEEVES											
	5 18 COLUMNS 6 SLEEVES/NO.	108										
	CENTERING PLY WOOD 2.4X1.2 M@ 484/NO. SSR21-22		2420									
I	LUMP SUM (NAILS +GREASE+ SUPPORTS)		1080									
II	100 MM DIA. G.I PIPE 0.9 M LONG@ 1163/M SSR21-22	97.2	113043.6	6410			22132	145085.6	14509	159594.6	1642	R.M.
III			116543.6									
	PROVIDING & LAYING CANBEXTRA GP NON-SHRINK GROUT INCLUDING FORMWORK, CURING COMPLETE AS DIRECTED BY THE ENGINEER-IN-CHARGE.											
	6 CANBEXTRA GP GROUT OF FOSROC COMPANY	0.018										
	0.6X0.6X0.05	3.6	99.36	160.25	5	264.61	48	312.61	31	343.61	95	KG.

**PROPOSED CONSTRUCTION OF 912 M.T. WAREHOUSE, OFFICE ROOM WITH ANCILLARY WORKS AT GAT NO.51,
TAL.& DIST. OSMANABAD.**

NAME OF COMPANY:-- ABHINAV VIKASIT FARMERS PODUCER CO.LTD. BEMBLI, TAL.& DIST.- OSMANABAD

ABSTRACT OF MEASUREMENTS FOR ROADS

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.	752.436	104	78253.344	MORTH 301
2	Excavation for roadway in hard 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.	752	121	90992	MORTH 301
3	Supplying Oversize metal	CU.M.	325.6	885	288156	
4	Supplying Size metal	CU.M.	282.16	885	249711.6	
5	Supplying Soft murum as blindage	CU.M.	62.35	395	24628.25	SSR, 2.30
6	Spreading Oversize metal	CU.M.	325.59996	74	24094.397	SSR, 2.30
7	Spreading Size metal	CU.M.	282.1635	74	20880.099	SSR, 2.30
8	watering and compaction by 100 Roller, metal layers, blindage complete as per specifainsand as directed.	SQ.M.	7524	19	142956	SSR 2.31
9	Providing and fixing 200X200X450 MM Precast RCC Guard sone, complete as per specifications and as directed.	NO	211.01	600	126606	MR
10	Providing earth work in embankment with approved materials obtained from other sources upto lead of 50m. including all lifts, laying in layers of 20cm. to 30cm. thickness breaking clods, dressing to the required lines, curves, grades & section, watering and compaction with vibratory roller with V-Sat attachment to achieve not less than 97 % of standard proctor density etc. complete (Material obtained from Other sources)	CU.M.	52	546	28392	MORTH 305
				TOTAL	1074669.69	

PROPOSED CONSTRUCTION OF 912 M.T. WAREHOUSE, OFFICE WITH ANCILLARY WORKS AT GAT NO.51, BEMBLI, TAL.& DIST. OSMANABAD.

NAME OF COMPANY:-- ABHJNAV VIKASIT FARMERS PODUCERS CO.LTD, BEMBLI. , TA. & DIST- OSMANABAD

MEASUREMENTS FOR ROADS

SR.NO.	DESCRIPTION OF ITEM	NO.	LENGTH	BREADTH	HEIGHT	QUANTITY	TOTAL QTY	UNIT
	Length of Road around Warehouse							
	Length of Road	1	83.84					
	Breadth	1	75.17					
	Approach Road	1	50	approx				
	TOTAL LENGTH		209.01					
	Excavation in soil plus 1 soft murum							
	Length of Road	1	83.84	6	0.6	301.824		
	Breadth	1	75.17	6	0.6	270.612		
	Approach Road	1	50	6	0.6	180		
						752.436	752	CU.M.
	Hard murum embakment with watering and compaction 2							
	Length of Road	1	83.84	6	0.6	301.824		
	Breadth	1	75.17	6	0.6	270.612		
	Approach Road	1	50	6	0.6	180		
						752.436	752	CU.M.
	Supplying Oversize 3 metal							
	Length of Road	1	83.84	6	0.2	100.608		
	Breadth	1	75.17	6	0.2	90.204		
	Approach Road	1	50	6	0.18	54		
						244.812	245	CU.M.
	Multiplying Factor					1.33		
	TOTAL QTY.					325.59996	325.6	CU.M.
	4 Supplying Size metal							
	Length of Road	1	83.84	6	0.15	75.456		
	Breadth	1	75.17	6	0.15	67.653		
	Approach Road	1	50	6	0.15	45		
						188.109	188	CU.M.
	Multiplying Factor					1.5		
	TOTAL QTY.					282.1635	282.16	CU.M.
	5 Supplying Soft murum as blindage over size metal Layer							
	Length of Road	1	83.84	6	0.025	12.576		
	Breadth	1	75.17	6	0.025	11.2755		
	Approach Road	1	50	6	0.025	7.5		
						31.3515	31	CU.M.
	Size metal layer	0	0.025			0		
	Length of Road	1	83.84	6	0.025	12.576		
	Breadth	1	75.17	6	0.025	11.2755		
	Approach Road	1	50	6	0.025	7.5		
	Compacted Qty							
	TOTAL QTY =A+B				B	31.3515	31.35	CU.M.
	6 Spreading Oversize metal						62.35	CU.M.
						325.59996	325.6	CU.M.

As Per

7	Spreading Size metal					282.1635	282.1635	CU.M.	
8	Watering and Copaction by 10 T Roller, metal layers, blindage complete as per specifainsand as directed.								
	Over size metal layer	2							
	Blindage over Over size metal	1							
	Size metal layer	2							
	Blindage over Size metal	1							
	Length of Road	1	83.84	6		503.04			
	Breadth	1	75.17	6		451.02			
	Approach road	1	50	6		300			
	Number of times rolling	6				1254.06			
	Total qty of compaction	6	1254.06			7524.36			
9						7524.36	7524	SQ.M.	
	Providing and fixing 200x200x450 precast guard stone, complete as per specifications and as directed.								
	2 M Center to center	2	209.01			209.01	209.01		
	CURVE EXTRA				say	2			
10						211.01	211.01	NO	
	Providing embankment for shouders of Roads								
	Length of Road	1	83.84	0.5	0.5	20.96			
	Breadth	1	75.17	0.5	0.5	18.7925			
	Approach road	1	50	0.5	0.5	12.5			
						52.2525	52	CU.M.	

PROPOSED CONSTRUCTION OF 912 M.T. WAREHOUSE, OFFICE WITH ANCILLARY WORKS AT GAT NO.51, BEMBLI, TAL& DIST.

NAME OF COMPANY:-- ABHINAV VIKASIT FARMER PODUCERS CO.LTD. BEMBLI, TAL.& DIST- OSMANABAD

ABSTRACT OF MEASUREMENTS FOR COMPOUND WALL

SR.NO.	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	AMOUNT	REMARK, Std Specification Ref
1	Excavation in soil plus soft murum with all leads and lifts, with backfilling the trenches and dewatering complete.(Mannually)	CU.M.	12	232	2784	BDA-1/Page No. 259
2	Excavation in Hard murum with all leads, lifts including backfilling the trenches and dewatering complete.	CU.M.	8	354	2832	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.	2	235	470	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 ,laying, PCC 1:4:8 including formwork, compaction , curing with all leads and lifts complete as per specifications.	CU.M.	16	5258	84128	BDE-1/P/287
7	Providing RCC 1:1.5:3 for Footing in Substructure including, formwork, compaction by virator, curing, testing etc. with all leads and lifts , complete as per specifications.	CU.M.	2	6666	13332	
8	Providing RCC 1:1.5:3 for Column in Superstructure and Superstructure including, formwork, compaction by virator, curing, testing etc. with all leads and lifts , complete as per specifications.	CU.M.	1.49	12987	19350.63	

9	Providing RCC 1:1.5:3 for Beam in Substructure and Superstructure including, formwork, compaction by vibrator, curing, testing etc. with all leads and lifts , complete as per specifications.	CU.M.	1.22	11483	14009.26	BDF-5/P/300 & B-7/P/38
10	Providing, fabricating, fixing M.S Gate in required position with holdfast , fixtures and fastening, one coat of red oxide paint and two coats of oil paint in complete as per drawing and design at 35 kg per Sq.M. and as directed by the Engineer -in-Charge.	M.T.	0.315	89181	28092.015	BDG-1/P/313
11	M.S.TMT 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.	0.59	71778	42349.02	BDF-17/P/306
12	Providing and erecting Y shaped 1.8 M high Barbed Wire Fencing , Rezan/concentric deleted wire 0.75mm dia) with hot dip & GI coated hooks as per drawing supported on MS angle 50x50x6 at 2.5m c/c including fixing & fastening with wire, painting ms angles with one coat of red oxide primer & 2 coats of oil paint etc. complete	R.M.	159.01	824	131024.24	
13	Providing and laying dry rubble soling 23 cm thick filling voids with stone chips and murum complete as directed.	SQ.M.	26	386	10036	MORTH/ROAD-SUBGRADE.
14	Providing UCR Stone in Cement Mortar 1:6 in Substructure with scaffolding, curing , testing all leads and lift complete as per specifications.	CU.M.	2	4775	9550	BDG-1/P/313

15	Proving ,fixing in position electric motorised including supply, installation, packing, freight, complete as per specification , design of Gandhi Automation Pvt. Ltd. Company or equivalent,and as directed by Engineer- in- Charge.	SQ.M.	0	51689	0	
				Total	359299.165	
				TOTAL	359,299	

PROPOSED CONSTRUCTION OF 872 M.T. WAREHOUSE, OFFICE ROOM WITH ANCILLARY WORKS AT GAT NO.51, BEMBLI, TAL.& DIST. OSMANABAD

NAME OF COMPANY:-- ABHINAV VIKASIT FARMERS PODUCER CO.LTD. BEMBLI, TAL.& DIST- OSMANABAD

ESTIMATE FOR PROPOSED CONSTRUCTION OF COMPOUND FENCING AT GAT NO.51, BEMBLI, TALUKA & DIST. OSMANABAD

CLIENT:-- ABHINAV FARMER PRODUCER CO.LTD.

SR.NO.	DESCRIPTION OF ITEM	NO.	LENGTH	BREATH	HEIGHT	QUANTITY	TOTAL QTY	UNIT	REMARK
	COMPOUND WALL								
	LENGTH	83.84							
	BREADTH	75.17							
1	Excavation in soil and soft murum etc								
	Long Wall	43	0.45	0.45	0.45	3.918375			
	Short wall	39	0.45	0.45	0.45	3.553875			
	Gate					0			
	Columns	2	1.6	1.6	0.45	2.304			
	Wall	1	6	0.75	0.45	2.025			
						11.80125	12	CU.M	
2	Excavation in Hard murum --								
	Long Wall	43	0.45	0.45	0.3	2.61225			
	Short wall	39	0.45	0.45	0.3	2.36925			
	Gate					0.3	0		
	Columns	2	1.6	1.6	0.3	1.536			
	Wall	1	6	0.75	0.3	1.35			
						7.8675	8	CU.M	
3	Excavation in H.M. plus boulders								
	Provisional Qty					2	2	CU.M	
4	Excavation in Soft Rock								
	Provisional Qty					1	1	CU.M	
5	Excavation in Hard Rock								
	Provisional Qty					1	1	CU.M	
6	Providing C.C (1:4:8) for bed concrete---								
	Long Wall Pits	65	0.45	0.45	0.52	6.8445			
	Short wall Pits	41	0.45	0.45	0.52	4.3173			
	Gate					0.52	0		
	Columns	2	1.6	1.6	0.52	2.6624			
	Wall	1	6	0.75	0.52	2.34			
						16.1642	16	CU.M	
7	RCC Footing (1:1.5:3)								
	Column footings	2	1.3	1.3	0.6	2.028			
						2.028	2	CU.M	
8	RCC Column (1:1.5:3)								
		2	0.45	0.6	2.65	1.431			
	Conical portion	2	0.45	0.6	0.108333	0.0585			
						1.4895	1.49	CU.M	
9	RCC BEAM (1:1.5:3)								
		1	6	0.45	0.45	1.215			
							1.22	CU.M	
10	M.S Gate 35Kg/SQ.M.								
		1	6		1.5	9			
					35	315	0.315	M.T.	

[Signature]

11	IMI bar reinforcement fe-500 G								
	RCC Footing	2							
	RCC Column	1.49							
	RCC Beam	1.22							
		4.71	125			588.75			
						0.59	0.59	M.T.	
12	shaped 1.8 M high Barbed Wire Fencing ,Rezan/concenti deleted wire 0.75mm dia) with hot dip & GI coated hooks as per drawing supported on MS angle 50x50x6 at 2.5m c/c including fixing & fastning with wire, painting ms angles with one coat of red oxide primer & 2 coates of oild paint etc. complete								
	Long Wall	1	83.84			83.84			
	Short Wall	1	75.17			75.17			
		0	0			0			
13	Proving rubble soiling 23 cm thick below pits for fencing and column					159.01	159.01	R.M.	
	Long Wall	43	0.45	0.45		8.7075			
	Short wall	39	0.45	0.45		7.8975			
	Gate					0			
	Columns	2	1.6	1.6		5.12			
	Wall	1	6	0.75		4.5			
						26.225	26	SQ.M	
14	Proving UCR Masonry in C.M.(1:6) for substructure UCR Wall	1	6	0.45	0.6	1.62			
						1.62	2	CU.M	
15	Proving ,fixing in position electric motorised including supply, installation, packing, freight, complete as per specification , design of Gandhi Automation Pvt. Ltd. Company or equivalent,and as directed by Engineer- in- Charge.	1	6		1.5	9	9	SQ.M	

NAME OF COMPANY:-- ABHINAV VIKASIT FARMER PRODUCERS CO.LTD. BEMBLI, TAL. & DIST. OSMANABAD

ROYALTY CHARGES RECOVERY STATEMENT

SR.NO.	PARTICULARS OF ITEM	EXECUTED UNIT	MATERIAL QTY FOR ROYALTY IN CEMENT/ CU.M	TOTAL TOAL CEMENT IN BAGS	SAND QTY. IN CU.M	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													
1	UCR M IN CM1:6												
	SUB STRUCTURE	74.34 CU.M	1.7	126.38	0.35	26.02					1.16	86.2344	
2	BBM IN CM1:6												
	SUPERSTRUCTURE	97.2 CU.M	1.58	153.58	0.32	31.1							
	Sandfaced cement paster in two coats (approved)												
2	screened sand)	378 SQ.M.	0.17	64.26	0.025	9.45							
	Internal cement plaster 12 mm thk. Single coat in												
3	C.M.(1:4)	245 SQ.M.	0.17	41.65	0.025	6.13							
4	Hard Murum	127 CU.M.					1.2	152.4					
5	Stone Metal Layer	45 CU.M.							1.32	59.4			
6	CONCRETE FLOORING M-2	45 CU.M.	7	315	0.43	19.35							
7	RCC Footing (1:1.5:3)	3.08 CU.M.	7	21.56	0.43	1.32							
9	RCC Beam (1:1.5:3)	20.27 CU.M.	7	141.89	0.43	8.72							
10	RCC Chajjas (1:1.5:3)	2.88 CU.M.	7	20.16	0.43	1.24							
11	RCC SLAB (1:1.5:3)	0.3 CU.M.	7	2.1	0.43	0.13							
11	PCC (1:4:8)	71.48 CU.M.	3.4	243.03	0.44	31.45							
	COMPOUND WALL												
1	PCC (1:4:8)	16 CU.M.	3.4	54.4	0.44	7.04							
3	RCC 1:1.5:3 for footing , column, beam coping	4.71 CU.M.	7	32.97	0.43	2.03							
	INTERNAL SERVICE ROADS												
1	Oversize metal	325.6											
2	Size metal	282.16								433			
3	Soft Murum	62.35					1.25	78					
	TOTAL			1216.98		143.98		230.4		867.4		86.2344	
	ROYALTY CHARGES							212.01		212.01			217.01
								48847.1		183897.5		1828	

Chartered Engineer (IEI)

PROPOSED CONSTRUCTION OF 912 M.T. WAREHOUSE, OFFICE ROOM WITH ANCILLARY WORKS AT GAT NO.51, BEMBLI, TAL. & DIST. OSMANABAD.

NAME OF COMPANY:-- ABHINAV VIKASIT FARMERS PODUCER CO.LTD. BEMBLI, TAL.-&, DIST. OSMANABAD.

ROYALTY CHARGES RECOVERY STATEMENT

SR.N.	PARTICULARS OF MATERIAL	QTY	UNIT	TESTS TO BE CARRIED OUT	NO. OF TEST	RATE	AMOUNT	REMARK
1	Cement	61	M.T.	Fineness, Consistency, Setting Time, Compressive Strength, Specific Gravity.	3	7540	22620	One per 50 M.T.
2	Cement Concrete M-20	76.24	CU.M.	Compressive Cube Strength	6	1380	8280	Upto 50 Cu.M. + 4 Plus one for additional 50 Cu.M. or part of it.
3	Bricks	171.54	CU.M.	Water Absorption(Set of 5No.)	3	1900	5700	One per 50000 No.
				Compressive Strength(Set of 5No.)				
				Efflorescance(Set of 5No.)				
4	Sand	143.98	CU.M.	Fineness, Modulus, Silt C	2	1950	3900	One per source.
5	Murum	230.4	CU.M.	Gradation	1	600	600	One test per 400 Cu.M.
6	Mild Steel	4.477	M.T.	Ultimate Tensile Test, Wt	2	1275	2550	One per 10 M.T. for each category of Diameter of bar.
					2	1595	3190	
7	Srructural steel	497.48						
		17.4118	M.T.		4	1595	6380	
	TOTAL RS					RS.	53220	

(Signature)