

Name of work :-

**PROP. CONST OF WAREHOUSE FOR VARHAD BHUMI AGRO
PRODUCER COMPANY. AT-KURHAD PO-LADEGAON
TQ-KRANJA DIST-WASHIM**

MEASUREMENT

Item	No	L	B	D	Qty
1 Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material upto a distance of 50m. beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary backfilling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Mechanical [SSR I.No. 21.02 P.No.153 FOR WAREHOUSE	34	1.80	1.80	1.20	132.19

132.19
Cum

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 backfilling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.50 m) [SSR I.No. 3 P.No.8] FOR WAREHOUSE	34	1.80	1.80	0.60	66.10
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66.10
Cum

113

3 Excavation for foundation in hard murum and boulders including removing the excavated materials up to a distance 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 1.5 m.)

[Spec.No. :Bd.A.3 Page No. 250]
[SSR I.No. 5 P.No.9]

FOR WAREHOUSE

34	1.80	1.80	0.30	33.05
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33.05
Cum

4 Providing soling using 80 mm size trap metal in 15 cm.layer including filling voids with sand/grit ramming ,watering complete [Spec.No. : As directed by Engineer incharge.]
[SSR I.No. 16 P.No.11]

FOR WAREHOUSE

34	1.80	1.80	0.15	16.52
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16.52
Cum

5 Providing and laying is situ, cement concrete in 1:4:8 of trap/granite/quartzite/gneiss metal for foundation and bedding including bailing out water manually from work, compacting and curing.
[Spec.No. :Bd.E.1 Page No.287]
[SSR I.No. 3 P.No.14]

FOR WAREHOUSE

34	1.80	1.80	0.10	11.02
1	22.86	13.71	0.10	31.34

42.36
Cum

114

6 Providing and laying in situ, cement concrete of trap/ granite/ quartzite/ gneiss metal for R.C.C work in **foundation** like raft, strips, foundation, grillage, and footings of R.C.C. columns and steel stanchions including bailing out water manually, form work, compaction, curing and roughening the surface if special finish is to be provided, etc. complete. (Excluding reinforcement and structural steel). SSR.I.No.24.04 page No.174

FOR WAREHOUSE	34	1.60	1.60	0.15	13.056
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$14 * 0.450 \{ 1.50 * 1.50 \} + \{ 0.33 * 0.63 \} * \{ 1.50 * 0.33 \} * \{ 1.50 * 0.63 \}$					6.67359
6					
<hr/>					
$6 * 0.30 \{ 1.20 * 1.20 \} + \{ 0.33 * 0.40 \} * \{ 1.20 * 0.33 \} * \{ 1.20 * 0.40 \}$					1.1502
6					

Total Qty	20.88
	Cum

7 Providing and casting in situ, cement concrete M-20 of trap /granite /quartzite/ gneiss metal for R.C.C. columns as per detailed drawing and designs, or as directed including centering, form work, compaction, finishing the formed surface with C.M. 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement)

S.S.R.I.No.25.01 page No.178

FOR WAREHOUSE	34	0.23	0.45	8.05	28.328
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28.33
Cum

115

8 Providing & casting in situ cement concrete M-20 of trap/granite/quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs & drawings or as directed including centering formwork, compaction ,finishing the formed surface with C.M. 1:3 S.S.R.I.No.25,50 page No.181

FOR WAREHOUSE

2	22.00	0.23	0.30	3.036	
2	28.00	0.23	0.30	3.864	
4	4.65	0.23	0.30	1.283	
8	1.80	0.23	0.30	0.994	
Lintel	2	22.00	0.230	0.30	3.036
	2	28.00	0.23	0.30	3.864

16.08
Cum

9 Filling in plinth and floors with contractors soil sand or murum in 15 cm. to 20 cm layers including watering and compaction complete.

[Spec.No. :Bd.A.11 Page No. 263]

SSR.I.No.14 Page No.11

FOR WAREHOUSE

1	21.54	27.54	1.00	593.212
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593.21
Cum

1/6

10 Providing & casting in situ cement concrete M-20 of trap/granite/quartzite/gneiss metal for R.C.C.chajja as per detailed design & drawings including centering, formwork, compaction, finishing the formed surface with C.M. 1:3 of sufficient minimum thickness to give a smooth and even surface or & roughening the surface if special finish is to be provided & curing. (Excluding reinforcement).

[SSR.No. :Bd.26.05 Page No.184

37	1.10	0.60	0.075	1.832
20	0.70	0.60	0.075	0.630

2.46
Cum

11 Providing and casting in situ cement concrete M-20 of trap/granite/quartzite/gneiss metal for R.C.C.slabs and landings as per detailed designs and drawings including centering, formwork, compaction, finishing the formed surface with C.M. 1:3 of sufficient

**PLINTH
FOR WAREHOUSE**

1	21.54	27.54	0.10	59.321
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59.32
Cum

117

12 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, parades, 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.

Footing.	20.88	x	195.00	4071.559
Coloumn	28.33	x	195.00	5523.950
Beam	16.077	x	195.00	3135.015
Slab	59.321	x	195.00	11567.626
Chhaja	2.462	x	195.00	479.993

24778.143
Kg

NET QUANTITY

24778.143 0.001 0 **24.778**

13 Providing and fixing mild steel grill work for windows, ventilators, etc. 15 kg/sq.m as per drawing including fixtures necessary welding and painting with one coat of anticorrosive paint and two coats of oil painting complete. [Spec.No. :Bd.U.1 Page No.537

FOR WAREHOUSE

V1	16	0.600	0.600	5.760
V2	26	1.000	0.600	15.600

21.360
Sqm

118

14 Providing and fabricating **structural steel work** in rolled sections like **joists, channels, angles, tees etc.** as per detailed design and drawings or as directed including cutting, fabricating, hoisting, erecting, fixing in position making riveted / bolted / welded connections **without connecting plates, braces etc.** and including one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade complete.
Spec. No. : Bd.C. 2/Page No. 275

FOR WAREHOUSE

6 3.500

21.000

21.000
MT

15 Providing second class Burnt Brick masonry with conventional/I.S. type bricks in cement mortar 1:6 in foundations and plinth of inner walls/in plinth external walls including bailing out water manually, striking joints on unexposed faces, raking out joint
[SSR I.No. 1 P.No.29]

FOR WAREHOUSE

2	22.000	0.230	1.000	10.120
2	28.000	0.230	1.000	12.880

Total

23.000
23.000
Sqm

16 Providing second class Burnt Brick masonry with conventional/I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out, joints, watering and scaffolding complete.
[SSR I.No. 4 P.No.29]

119

FOR WAREHOUSE	2	22.000	0.230	5.600	56.672
	2	28.000	0.230	5.600	72.128

					128.800
Deduction					Cum
R.S.	4	3.000	0.230	3.000	8.280
V	34	0.600	0.230	0.600	2.815

					11.095
		128.800	11.095		117.705
					Cum

17 Providing sand faced plaster externally in cement mortar using Kharsalia/Kasaba or similar type of sand, in all positions including base coat of 15mm thick in C.M. 1:4 using waterproofing compound at 1kg. per cement bag curing the same for not less than 2 d
[SSR I.No. 4 P.No.41]

FOR WAREHOUSE	2	22.00	6.60		290.40
	2	28.00	6.60		369.60

					660.00
					Sqm

18 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 & curring complete.
[SSR I.No. 3 P.No.44]

FOR WAREHOUSE	2	21.54	5.60		241.25
	2	27.57	5.60		308.78

120

550.03
Sqm

19 Providing and laying polished Shahabad stone flooring 25mm to 30mm thick & of reqd. width in plain/diama nd pattern on a bed of 1:6 cement mortar including cement float,filling joints with neat cement slurry,curing,polishing and cleaning complete. [Spec.No. [SSR I.No. 5 P.No.70]

FOR WAREHOUSE

1 21.54 27.54

593.21

593.21
Sqm

20 Providing and fixing rolling steel shutters fabricated from 20 guage steel laths with slide guides, bottom rail, brackets, door suspension shaft including rolling springs, locking arrangement and housing box at top including one coat of red lead primer etc. complete.

Spec.No.: Bd.T.55/Page No.510.

FOR WAREHOUSE

4 2.10 2.50

21.00

21.00
Sqm

21 Providing and applying primer coat for wall surface to receive oil bond distemper treatment. [Spec.No. : As directed by Engineer incharge.]

{SSR. Item No. 19 Page No. 65}

Quantity as per Ext, Inner. Plaster

660.000 550.032

1210.03
Sqm

22 Providing & applying washable oil bound distemper of approved colour & shed to new surfaces in two coats including scaffolding & preparing the surfaces [excluding primer coat] complete. [Spec.No. :Bd.P.5 Page No.413]

SSR.I.No.14page No.64

Quantity as per Inner. Plaster

550.03

550.03

121

550.032
Sqm

23 Providing and applying 3 coats of water proof cement paint of approved manufacture and of approved colour to the plastered surface including scaffolding if necessary, cleaning and preparing the surface, watering for two days complete. [Spec.No. :Bd.O.8 Pa SSR.I.No.20 page No.62
Quantity as per Outer. Plaster

660.00

660.00

660.000
Sqm

24 Providing and fixing corrugated galvanised iron sheets for roofing with wind ties including fastening with galvanised iron screw and bolts and lead and bitumen washers as per drawing complete.
a) For 20 B.W.G.
1)Corrugated
FOR WAREHOUSE

1	22.00	28.00
2	22.00	3.75
2	28.00	3.75

616.00
165.00
210.00

991.00
Sqm