

Aaryan Constructions
Manisha C. Bisen
Approved Valuer, B.E. Civil, MBA
Lic. No. W29GONP/05244

Office address
Near Saket School, Gouri Nagar, Ganesh
Nagar, Gondia
Mob. No. 7588807339

ORIGINAL/ DUPLICATE

ESTIMATE

Name of Work

**CONSTRUCTION OF GODOWN SHED
BELONGS TO KARALGAON FARMER
PRODUCER COMPANY LIMITED, SITUATED AT
KARALGAON TQ.BABULGAON
DIST.YAWATMAL**

**CAPACITY OF GODOWN : - 1000 MT.
BUILT UP AREA 622.50 SQM. (6700 SQ.FT.)**

ESTIMATE COST

Rs. 1,19,00,000/-

(Rs. One Crore Nineteen Lac Only.)

MBisen
En.MANISHA BISEN
B.E.CIVIL, MBA
Approved Valuer, Cat-I-A-5970
Ganesh Nagar, Gondia, 7588807339

NAME OF WORK : ABSTRACT AND ESTIMATE FOR PROPOSE :- CONSTRUCTION PLAN FOR "KARALGAON FARMER PRODUCER COMPANY LIMITED" OF GODOWN SHED , AT KARALGAON TQ.BABULGAON DIST.YAWATMAL

MEASUREMENT SHEET

Sr. No	Item of work	No	L	B	D	Qty.	Unit	Rate	Amount
1	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area 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.) By Mechanical Means E-SSR Item No.- 21.02, Pg.No.115 Bd.A.1 Page Number 259	C1 49	1.50	1.50	1.50	165.38			
						165.38	Cum	193.00	31917.38
2	Excavation for foundation in earth, soils of all types, sand, gravel and soft murum, including removing the excavated material upto a distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift from 1.5m to 3.0m) By Mechanical Means E-SSR Item No.- 21.04, Pg.No.115 Bd.A.1 Page Number 259	C1 49	1.50	1.50	0.90	99.23			
						99.23	Cum	241.00	23913.23

M. Bisen
Er. MANISHA BISEN
 B.E. CIVIL, MBA
 Approved Valuer, Cat-I-A-5370
 Gurgaon Nagar Gurgaon - 122002

sr. No	Item of work	No	L	B	D	Qty.	Unit	Rate	Amount
--------	--------------	----	---	---	---	------	------	------	--------

3 Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc) E-SSR Item No.:- 24.01, Pg.No.131 Bd. E. 1 Page Number 287

CI 49 1.50 1.50 0.10 11.03
 Floor 1 24:90 25.00 0.10 62.25

73.28	Cum	5538.00	405796.95
-------	-----	---------	-----------

4 Providing and laying in situ / Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. columns and steel stanchions etc. including bailing out water, Steel centering formwork, laying/pumping automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc) E-SSR Item No.:- 25:11, Pg.No.133 Bd.F.3 Page Number 298 and B.7, Page Number 38

footing/foundation 49 1.50 1.50 0.45 49.61

49.61	Cum	6666.00	330716.93
-------	-----	---------	-----------

MBisen

Sr. No	Item of work	No	L	B	D	Qty.	Unit	Rate	Amount
5	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawing or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete,(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc) E-SSR Item No.:- 25.31,Pg.No.134 Bd.F.5 Page Number 300 and B.7. Page Number 38								
	a)Below G.L C.I	49	0.30	0.45	1.95			12.90	
	a)Below G.L C.I	49	0.30	0.45	6.00			39.69	

52.59	Cum	12987.00	682976.59
-------	-----	----------	-----------

M. Bisem

Sr. No	Item of work	No	L	B	D	Qty.	Unit	Rate	Amount
6	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction and roughening the surface if special finish is to be provided and curing etc. processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc) E-SSR Item No.- 25.50, Pg.No.135 Bd.F.5 Page Number 300 and B.7, Page Number 38								
	a)At ground level B.1	2	24.90	0.30	0.45			6.72	
	b)At ground level B.1	2	25.00	0.30	0.45			6.75	
	a)At lintel level beam	2	24.90	0.30	0.45			6.72	
	b)At lintel level beam	2	25.00	0.30	0.45			6.75	
						26.95	Cum	11483.00	309420.92

7 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 joints on exposed faces and watering etc. Complete. E-SSR Item No.- 27.01, Pg.No.144 Bd.G. 1 Page Number 313

2	24.90	0.23	0.90	10.31
2	25.00	0.23	0.90	10.35

20.66	Cum	7343.00	151696.10
-------	-----	---------	-----------

M.B. Srin

Sr. No	Item of work	No	L	B	D	Qty.	Unit	Rate	Amount
8	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 etc. Complete E-SSR Item No.:- 27.05, Pg.No.144 Bd.G. 1 Page Number 315	2	24.90	0.23	11.28				129.20
		2	25.00	0.23	9.45				108.68

237.88	Cum	7570.00	1800722.23
--------	-----	---------	------------

9 Providing and laying Cast in situ/Ready Mix cement concrete in M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C.coping to plinth or parapet and sill of doors and windows moulded as per detailed drawings or chamfered as approved by the Engineer including steel centering, formwork, cover blocks, laying/pumping, compacting, curing, finishing and roughening them if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc) E-SSR Item No.:- 26.23, Pg.No.138 Bd.F.12 Page Number 304 and B.7, Page.Number 38

coping	2	24.90	0.30	0.10					1.49
	2	25.00	0.30	0.10					1.50

2.99	Cum	6800.00	20359.20
------	-----	---------	----------

(M/S) 15/8/20

Sr. No	Item of work	No	L	B	D	Qty.	Unit	Rate	Amount
10	Filling in plinth and floors with approved excavated material in 15cm. to 20cm. layers including watering and compacting etc. complete. E-SSR Item No.- 21.36, Pg.No.117 Bd.A.10 Page Number 262	1	25.00	24.84	0.60	372.56			
						372.56	Cum	446.00	166162.21
11	Providing internal cement plaster 12 mm thick in single coat incement mortar 1: 5 without neeru finish to concrete or brick surfaces , in all positions including scaffolding and curing etc. complete. E-SSR Item No.- 32.03, Pg.No.153 Bd. L.2 Page Number 368	2	24.44		11.28	551.37			
		2	24.54		9.45	463.81			
						1015.17	Sqm	257.00	260899.31
12	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1 kg per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc. complete. E-SSR Item No.- 32.11, Pg.No.153 Bd.L.7 Page Number 369	2	24.44		11.28	551.37			
		2	24.54		9.45	463.81			
						1015.17	Sqm	599.00	608088.27

(M)Bisen

Sr. No	Item of work	No	L	B	D	Qty.	Unit	Rate	Amount
13	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, parapets, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or etc complete. E-SSR Item No.:- 26.33, Pg.No.139 Bd. F. 17 Page Number 306								
	Footing	35.00	320.00					11200.00	
	column	35.00	320.00					11200.00	
	beam	21.30	320.00					6816.00	
								29216.00	
								29.22	
								Kg	
								MT	71778.00 2097066.05
14	Providing and laying cement concrete flooring. 50 mm thick with M20 cement concrete laid to proper level and slope in alternate bays including compaction, filling joints, marking lines to give the appearance of tiles of 30cm x 30cm or other size laid diagonally/ square etc. finishing smooth (with extracement) in any colour as directed and curing etc. complete. With Crushed Sand. E-SSR Item No.:- 33.16, Pg.No.157 Bd.M.6 Page Number 381	1	24.90	25.00				622.50	
								622.50	
								Sqm	445.00 277012.50
15	Providing and fixing mild steel grill work for windows, ventilators, etc. 15 Kilogram/Square Metre as per drawing including fixtures necessary welding and painting with one coat of anticorrosive paint and two coats of oil painting complete. E-SSR Item No.:- 40.02, Pg.No.192 Bd.U.1 Page Number 537	22	1.20	1.20				31.68	
								31.68	
								Sqm	1507.00 47741.76

MBisen

Sr. No	Item of work	No	L	B	D	Qty.	Unit	Rate	Amount
--------	--------------	----	---	---	---	------	------	------	--------

16 Providing and fixing rolling shutter fabricated from steel lath of minimum thickness 0.9mm with lock plate of 3.15mm thickness reinforced with 35x35x5mm angle section fitted with sliding bolt and handles for both sides, deep M.S. channel section of depth and thickness not less than 65mm and 3.15mm respectively with hold fast arrangements, M.S. Bracket plate 300x300x3.15mm minimum size and shape with square bar, suspension shaft of minimum 32mm diameter, hood cover of M.S. sheet not less than 0.9mm 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)
 E-SSR Item No.:- 39.24, Pg.No.207
 BD-T-55 Page Number 510

2 3.60 3.50

25.20
 25.20 Sqm 4084.00 102916.80

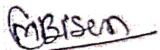
17 Providing structural steel work in trusses, other similar trussed purlins and members with all bracing, gusset plates etc. as per detailed designs and drawings or as directed including cutting, fabricating, hoisting, erecting fixing in position, Making riveted/ bolted/ welded connection and one coat of anticorrosive paint and over it 2 coats of oil painting approved quality and shade etc. complete. E-SSR
 Item No.:- 23.04, Pg.No.129 Bd.C.8 Page Number 278

Truss 18 @ 481.00
 Purline 9 @ 135.00

8658.00
 1215.00
 9873.00 KG
 9.87 MT 105909.00 1045639.56

(M)

Sr. No	Item of work	No	L	B	D	Qty.	Unit	Rate	Amount	
18	Providing and fixing 22B.W.G. plain galvanised iron sheets on top of weather shed, including scaffolding, fixing by means of nut and bolts or as directed etc. complete. (Bracket of 70 x 45 mm to be paid separately) Item No.- 33.88 Pg.No.218 As directed by Engineer incharge.	2	24.90	25.00		1245.00				
							1245.00	Sqm	1041.00	1296045.00
Total									9659090.96	
Add 15% for Electrification work									965909.096	
Total									10625000.1	
Add 12 % GST									1275000.01	
Gross Total									11900000.1	


M. MANISHA BISEN
 B.E. CIVIL, MBA
 Approved Valuer, Cat-I-A-5970
 Ganesh Nagar Gondia-758003