

UGALE INFRASTRUCTURE

ENGINEERS & DEVELOPERS

ARCHITECTURAL CONSULTANT, ENGINEER, R.C.C. DESIGNER & ESTIMATION

M. UMESH D. UGALE
MTECH. B.E. CIVIL (VJI)
Cell : 9579440111

PLOT NO. 44, SANKALP PARADISE, NEAR GANPATI
TEMPLE, SHIVJI NAGAR, SINNAR, NASHIK-422 103
Bus stand, Sinnar, Nashik - 422103.

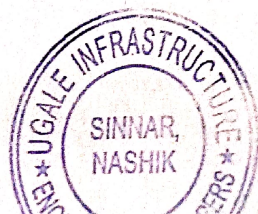
UMESH DNYANDEO UGALE (GST NO. - 27ACEPU7217M1Z1)

ESTIMATE OF PROPOSED (18.66x15)M -250SQM PENAUT STORAGE
GODOWN SHED AT VILLAGE - LONARWADI, GAT NO. 86/1,
SINNAR, TAL. - SINNAR, & DIST. - NASHIK.

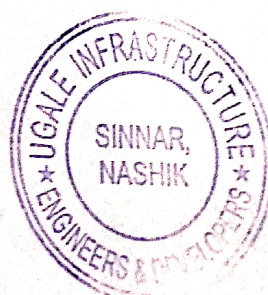
For
M/s. Small Farmer Producer Company.

SR. NO.	DESCRIPTION	QTY.	RATE	UNIT	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	63.09	244.93	Cum	15452.75708
2	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 (Crushed sand VSI Grade)	4.242	6972.71	Cum	29579.61
3	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 cover blocks, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel) etc. 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 (Crushed sand VSI Grade)				
	(a) R.C.C. footing	10.52	8302.52	Cum	87301.69
	(b) R.C.C. column up to Plinth	11.57	15509.16	Cum	179366.56
	(c) R.C.C. ground plinth beam	5.181	15669.93	Cum	81186.59

4	Providing dry trap Rubble stone soling 150mm to 200mm thick layers including compaction.	57.58	1877.57	Cum	1877.57
5	Providing and laying in situ plain cement concrete 1:4:8 of trap/ metals for foundation and bedding including bailing out water manually form work compacting and curing.	37.55	6972.71	Cum	6972.71
6	Providing and laying in situ cement concrete M -25 with tremix treatment for 200 mm thickness for Concrete Road is including laying plastic sheet for 125 micron thickness with groove cutting of 4 mm wide and 20 mm deep with necessary refilling with bitumen (excluding reinforcement) with coarse and fine aggregate (VSI grade finely washed crushed sand) etc. complete	25.04	10164	Cum	254465.03
7	Providing and fixing in position mild steel / tor steel reinforcement of various diameters for RCC pile caps, footing, foundation, plinth beam and column etc as per Detailed design and Drawing including cutting, bending, Binding with supporting as per required complete	3.978	96931.77	M.T.	385587.6589
8	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.	34.55	7570	Cum	261540.1812
9	Filling in plinth and all floors with compacted soil sand Murum in 15 cm to 20cm tick layer including watering and compaction complete.	225.3	605	Cum	136320.55
10	Providing internal cement plaster 12mm thick in single coat in cement mortar 1:5 without neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing etc. complete.	130	413.6	Sqm	53787.7144
11	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1 kg per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete.	150.2	658.9	Sqm	98976.98315
	Providing and applying plastic emulsion paint of approved quality, colour and shade to new surface in three coats including scaffolding, preparing the surface. (excluding primer coat) etc. complete.	130	130	Sqm	16906.1965
	Providing and applying water proof cement paint of approved color and shed in tree cotes to new surface including scaffolding ,brushing and brooming etc complete.	150.2	155	Sqm	23283.4002



14	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.	3.362	128316.64	MT	431459.8727
15	Providing and fixing corrugated galvanised iron sheets of 0.63mm thick (24 B.W.G.) for roofing without wind tiles including fastening with galvanised iron screws and bolts, lead and bitumen washers as per drawing etc. complete.(Weight of 5.5 kg/sq.m.).	369.3	1432.75	Sqm	529085.5393
16	Providing and fixing valley gutter of 24 B.W.G. (0.63 mm) thick G.I. sheet 120 cm wide with 20 mm thick teak wood planking underneath coal tarring etc. complete.	41.73	2327	Sqm	97097.62053
17	Providing and fixing M.S. grill door 24 kg/sqm of various size as per detailed drawings without hot dip coating, iron fixtures and fastenings and 3 coats of oil painting etc	20.03	2262.66	Sqm	45318.20928
18	Providing and fixing in position (as per 1868 / 1982) Aluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm at weight 0.637 kg/Rmt. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 kg/Rmt.. Top and side track section 92 x 31.75 x 1.30 mm at weight 0.933 kg/Rmt. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 kg/Rmt. and handle and top section 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. As per detailed drawings and as directed by Engineer in charge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass and aluminium mosquito net shutter with stainless steel jail with all required screws and nuts etc, complete. With powder coating with box	20.03	5848.9	Sqm	117146.0468



18	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) (With mechanical gear)	6.259	4741	Sqm	7441.171
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19	Providing and applying two coats of lead/ zinc based oil paint/bituminous paint of approved colour to new structural steel work & iron work etc complete.	156.5	67	Sqm	10483.78907
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TOTAL 3253987.44

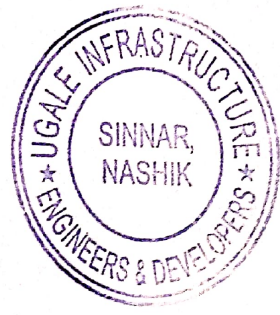
SUMMARY

SR.	DESCRIPTION	ESTIMATED AMOUNT
		3253987.44
A	Foundation, Plinth and Super structure	
B	Add (5%) Electricity, Plumbing & Sanitary charges	162699.372
		TOTAL 3416686.81
C	ADD 18% GST	615003.6262
		NET TOTAL 4031690.44
		ROUNDED AMOUNT 40,32,000/-

THE ESTIMATED COST :-

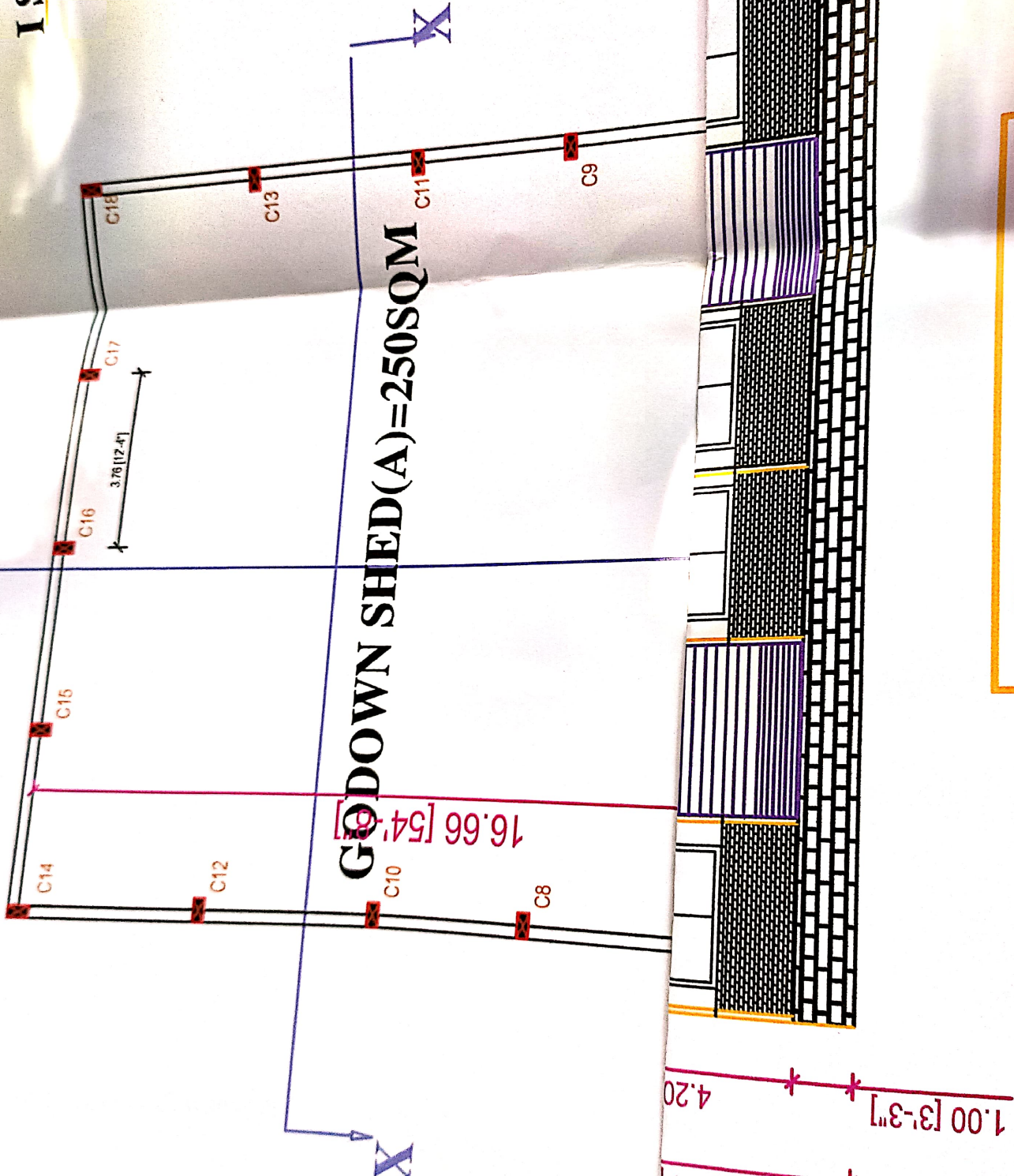
FORTY LAKH THIRTY TWO THOUSAND ONLY.

Ugale
Er. UMESH D. UGALE
 B.E. Civil, MTech.



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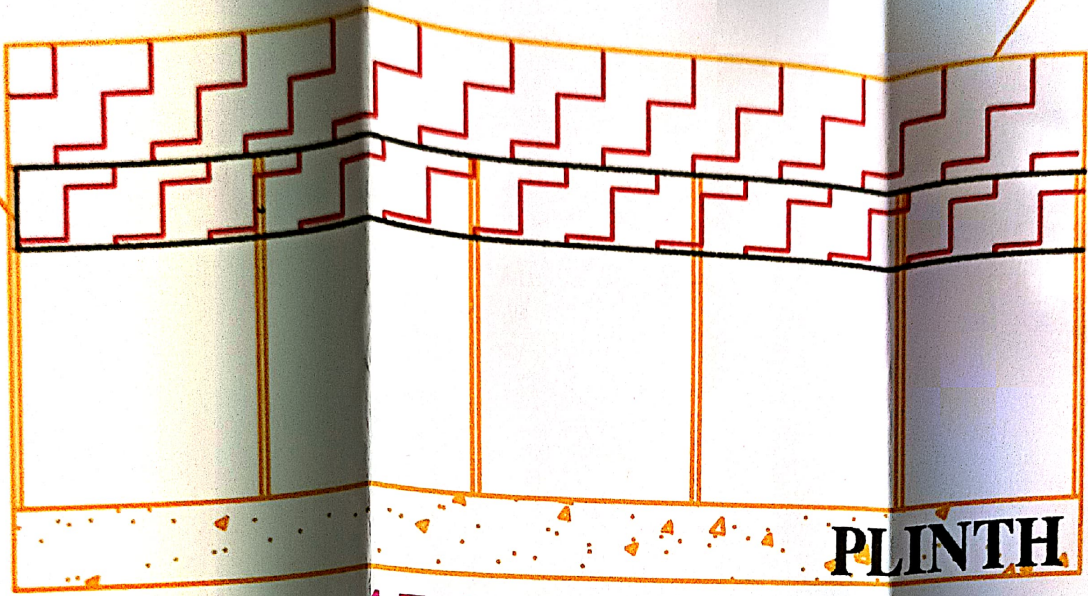
GODOWN SHED(A)=250SQM

ELEVATION

FINAL PRODUCT

ION(M.S.)

SH



1.50 [4'-11"]
 4.20 [13'-9"]
 5.70 [18'-8"]
 1.00 [3'-3"]

PLINTH

15.33 [50'-4"]

SECTION X-X

142	LONARWAD
ITEM NO 01	CLIENT-M/S SMRU SECTION'S OF MAC
SCALE AS SHOWN	MACHINE
CHKD. BY UMESH	DATE 28.01.23
DRAWING NO:--CIVIL-ARCE	