

NAME OF WORK -

CONSTRUCTION OF PROPOSED ONION STORAGE.
SHED, AT -G.NO.1221/2, PATANE.
TAL - MALEGAON, DIST - NASHIK

NAME OF OWNER -

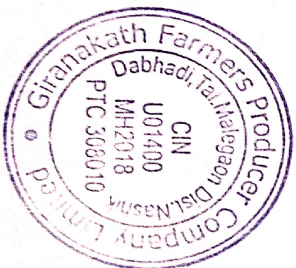
THE CHAIRMAN, Girna Kath Farmers Producers
Company Ltd, Dabhadi.
TAL - MALEGAON, Dist - Nashik

CHE TAN R. PAWAR
CHARTERED ENGINEER
B.E CIVIL, MIE, FIV, MPVAI
Mob - 7920292603
SHOP-2, VISHNU COMPLEX,
COLLEGE ROAD, MALEGAON

ESTIMATE PREPARED BY -

CHE TAN R PAWAR
CHARTERED ENGINEER
B.E.civil, MIE, FIV, MPVAI

Rmarc consultants



WORK:
 REDUCTION OF PROPOSED ONION STORAGE SHED,
 DIST:
 WALGAON, DIST. NASIK

QUARRY - CHART

MATERIAL	LEAD CHART	SAY	K.M.
Steel (M.S / TMT steel)	-	5.0	K.M.
Concrete	-	5.0	K.M.
Sand	-	7.0	K.M.
Brk	-	8.0	K.M.
Runoff (Blasted)	-	7.0	K.M.
Boulder	-	7.0	K.M.
1500 mm: HS metal (Boulder Conveying)	-	7.0	K.M.
1500 mm: HB metal (Blasted Rock Conveying)	-	7.0	K.M.
1500mm: Hand Broken metal (Metal Conveying)	-	7.0	K.M.
Crushed metal < 40 mm (Metal Conveying)	-	7.0	K.M.
Crushed metal > & = 40 mm (Metal Conveying)	-	7.0	K.M.
Hard murum	-	5.0	K.M.
Soft murum	-	5.0	K.M.
Earth Soil	-	3.0	K.M.

CERTIFICATE

Verify that the quarry shown on quarry chart for metal, murum are inspected by me & they are nearest lead economical to the work contain sufficient good quality of materials required for work.

Certified that the leads for quarries shown and attached in the estimate is as per nearest cost

Certified the the leads considered are found to be correct.

Certified that the leads considered are the least feasible from higher Govt. or private available sources.

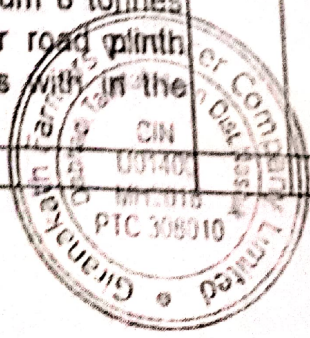
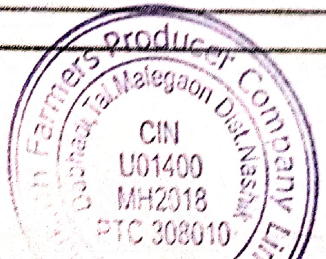
CHETAN R. PAWAR
 F-24083
 CCIT/327/40-1/20
 GOVT. APPROVED VALUERS
 CHETAN R PAWAR
 CHARTERED ENGINEER

Manakath Farmers Producer Company Limited
 Dabhad, Tal. Malegaon, Dist. Nashik
 CIN U01400
 MH2018
 PTC 308010

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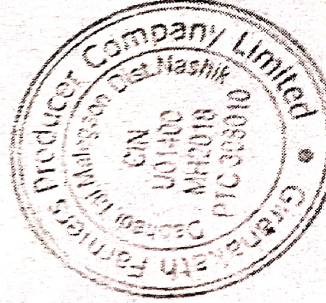
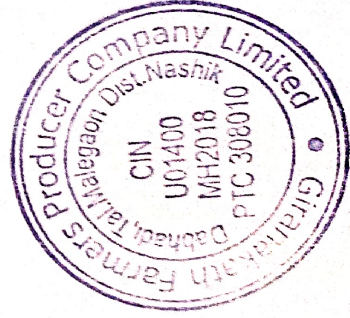
P. S. Patil

Description	Unit	Qty	Rate	Amount
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 & stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary backfilling, ramming, watering including shoring and strutting etc. complete. By Manual Means With Lift upto 1.5 m	Cum	690.8	139	96021.2
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 1.5m.) By Manual Means	Cum	690.8	230	159994
Providing soling using 80 mm size trap metal in 15 cm. layer including filling voids with sand / grit, ramming, watering complete. Additional Item Spec. No. : As directed by Engineer-in-charge.	Cum	699.38	1350	944163
Providing dry trap / granite / quartzite / gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting complete. Spec. No. : B1A.12 Page No. 264	Cum	1239.04	1120	1387724.8
Providing and laying cement concrete in retaining walls, return wall, walls (any thickness) including attached pilasters, column, piers, abutments, pillars, posts, struts, butressess, string or lacing course, parapets, copping, bed blocks, anchor blocks, plain window sills, fillets, etc... up to floor five level, excluding the cost of shuttering, centring and finishing.	Cum	160.16	1175	188188
6 Supply and filling selected earth obtained from approved source in layers not exceeding 20 cm. in depth breaking clods, watering and consolidation of each layer by half ton ne roller or by using wooden or steel hammer and rolling every third and top most layer with power roller of minimum 8 tonnes and dressing up in embankments or road with filling or filling of ground depressions with in the campus.	Cum	3348.4	380	1272392



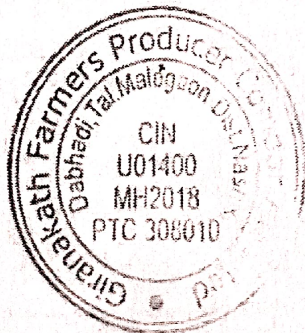
P. S. 4

<p>Providing exhaustive anti-termite treatment to the sides of flooring by injecting 1 percent of chlordane emulsion concentrate at the rate of 50 per hole of 50mm diameter drilled at a distance of 30cm c / c and sealing the same with proper filling with two years guarantee bond as per IS 6313 (part III) of 1981</p>	<p>Lump - Sum</p>	<p>400000</p>
<p>Providing and laying in situ, cement concrete of specified grade of trap / granite / quartzite / gneiss metal for foundation and bedding including balling-out water manually, formwork, compacting, covering newly laid concrete by gunny bag, plastic or tarpaulin, curing etc. complete excluding centring, shuttering, finishing and reinforcement (All work up to plinth level)</p>	<p>Cum</p> <p>270.6 13500</p>	<p>3653100</p>
<p>Providing and casting in situ cement concrete of M-20 grade of trap granite / quartzite / gneiss metal for R.C.C. columns as per detailed designs and drawings or as directed including placing in position plastic cover block of required size at 90 cm. C/C each main bottom bars to stamping at sides to give required clear cover from all sides in R.C.C. Beam, centering, formwork of plywood / steel, compaction, covering newly laid concrete by gunny bag, plastic or tarpaulin, finishing the formed surface 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. The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. (Wooden planks / shuttering will not be allowed. The shuttering should be of waterproof plywood or taller made angle and steel plate)</p>	<p>Cum</p> <p>54.142 13500</p>	<p>730917</p>



P. J. 2024

<p>Providing and casting in situ cement concrete of M-20 grade of trap granite / quartzite / gneiss metal for R.C.C. pardi upto 150mm thickness as per detailed designs and drawings or as directed including centering, formwork of steel, compaction, covering newly laid concrete by gunny bag, plastic or tarpaulin, finishing the formed surface 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. The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. (Wooden planks / shuttering will not be allowed. The shuttering should be of waterproof plywood or tailor made angle and steel plate) Spec. No.: Bd.F.11 Page No. 304 and B.7, Page No. 38</p>	Cum	87.18	13500	1176930
<p>Providing and laying in situ cement concrete of M-20 grade of trap / granite / quartzite / gneiss metal for R.C.C. work in foundations like raft, grillages, strips, foundations and footings of R.C.C. columns and steel stanchions including bailing-out water manually, formwork, compacting, covering newly laid concrete by gunny bag, plastic or tarpaulin, curing and roughening the surface if special finish is to be provided (Excluding reinforcement, & structural steel) The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. (Wooden planks / shuttering will not be allowed) Spec. No.: Bd.F.3 Page No. 298 and B.7, Page No.38</p>	Cum	58.014	13500	783189



Prity

Providing and casting in situ cement concrete of M-grade of trap granite / quartzite / gneiss metal R.C.C. beams and lintels as per detailed designs and drawings or as directed including providing in position plastic cover block of required size at 90 cm. C/C each main bottom bars to prevent cramping at sides to give required clear cover from all sides in R.C.C. Beam, centering, formwork of wood / steel, compaction, covering newly laid concrete by gunny bag, plastic or tarpaulin, finishing the formed surface 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. The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed face only. (Wooden planks / shuttering will not be allowed. The shuttering should be of waterproof wood or tailer made angle and steel plate)

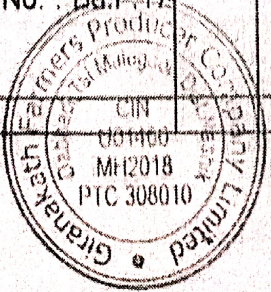
Cum	71.126	13500	960201
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Shuttering and shuttering including strutting, bracing etc. and removal of form for :

Foundations, Footings, bases of columns, etc. mass concrete	Sqm	139.062	350	48671.7
Columns, pillars, piers, abutments, post and girders.	Sqm	114.68	350	40138
Lintels, beams, plinth beams, girders, roof beams and cantilevers	Sqm	29.04	350	10164
Walls (any thickness) including attached chajjas, buttresses, plinth and string courses, etc.	Sqm	57.93	350	20275.5
Vertical and horizontal fins individually or forming louvers band, facias and eaves boards.	Sqm	1.96	350	686
Small lintels not exceeding 1.5 m clear span.	Sqm	87.25	350	30537.5

Providing and fixing in position T.M.T. steel bar reinforcement of various diameters for R.C.C. piles, footings, foundations, slabs, beams columns, copings, staircase, newels, chajjas, lintels, parapets, pangs, fins, arches etc. as per detailed designs, drawings and schedules including cutting, bending, marking the bars, binding with wires or tack welding and supporting as required complete. (T.M.T. steel bar Minimill / Mini plant Plant) Spec. No. : Bd.F-17/198306

MT	30.75	78000	2398500
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Prithvi

<p>Providing machine manufactured 1st class burnt brick masonry with conventional/ I.S.type bricks in cement mortar 1:6 in superstructure for exposed ornamental work including striking joints, raking out joints, watering, and scaffolding complete. Specification No.: As directed by Engineer in charge (General Application- For exposed ornamental brick work & not to be used for plaster on exposed face.)</p>	Cum	244.47	4800	1173456
<p>Providing and applying priming coat over new steel and other metal surfaces including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter and scoured with wire brushes, fine steel wool, scrappers and sand paper, scaffolding etc. complete. (Sample and brand is to be got approved from Executive Engineer before use) Additional Item Spec. No. : As directed by Engineer in charge.</p>	Sqm	178.55	210	37495.5
<p>Providing and applying 3 coats of lead / zinc base oil paint / bituminous paint of approved colour and shade to new wood work and fibre boards including preparing the surface, knotting, scaffolding if necessary excluding primer coat complete. (Sample and brand is to be got approved from Executive Engineer before use) Spec. No. : Bd.O.1 Page No. :03</p>	Sqm	178.55	2240	399952
<p>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 of approved quality and shade complete. Spec. No. : Bd.C.8 Page No. 278</p>	MT	265.76	95000	25247200
<p>Providing and fixing powder coated coloured G.I. sheet of 0.80 mm thickness for roofing without wind ties including fastening with galvanised iron screw and bolts and bitumen washer as per drawings complete. Spec. No. : As directed by Engineer in charge.</p>	Sqm	3124	745	2327380



Pilay

providing and fixing rolling steel shutters fabricated from 18 gauge steel laths with side guides, bottom rail, brackets, door suspension shaft including coiling springs, locking arrangement and housing box at the top including mechanical gear operation arrangement and one coat of red lead primer. T 56 Page No.511.

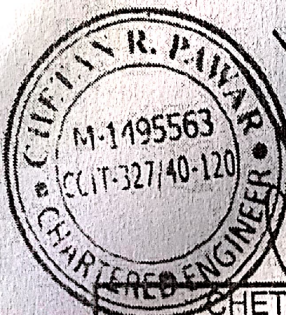
providing and fixing mild steel grill work as per drawing including fixtures, necessary welding & painting with one coats of anti corrosive paint & two coats of oil painting complete.

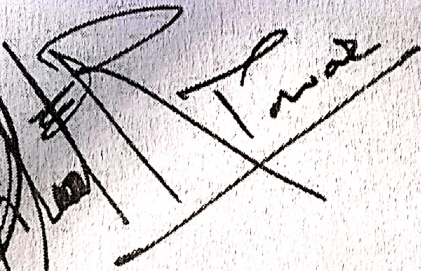
ELECTRICAL WORK

supplying and fixing of required sizes of steel conduit along with wires and accessories in surface/recess including cutting the wall as directed by the incharge Engineer and as per drawings and design

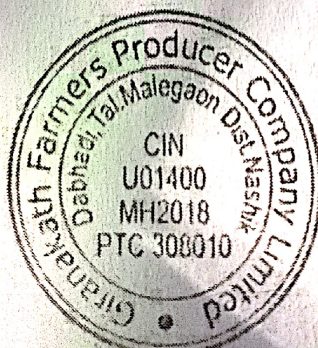
Sqm	61.34	2260	138628.4
MIT	3.74	78000	291720
Lump Sum			1000000
TOTAL			44916514.6
SAY...			4,49,17,000

IN WORDS...Rs. Four Crore Forty Nine Lakhs Seventeen Thousand Only.





CHETAN R PAWAR
CHARTERED ENGINEER
 Mob - 7020292603

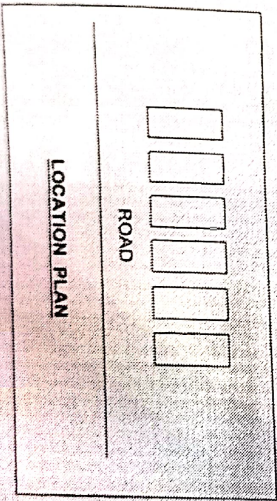
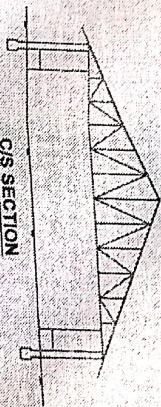


Granakath Farmers Producer Company Limited
 Dabhadi, Tal. Malegaon Dist. Nashik
 CIN U01400 MH2018 PTC 300010

P. J. ...



ELEVATION



PROPOSED ONION STORAGE SHED
PLAN IN G.NO. - 1221/2
AT - PAITANE, TAL - MALEGAON,
DIST - NASHIK
FOR - THE CHAIRMAN,
GIRNA KATH FARMERS PRODUCER CO. LTD.
APPROVING AUTHORITY -



CHEITAN R. PAWAR

REGISTERED CIVIL ENGINEER, MPVA