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Approximate Estimate of Proposed Onion shed building for Aao Sai Farmer Producer co. Ltd.
in G.N.- 2/A/1, At- Anakwade, Tal- Nandgaon, Dist.- Nashik.

ABSTRACT SHEET

| Sr. | Description | Qty. | Rate | Per | Amount |
|-----|---|--------|---------|------|---------|
| 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 Means (PWD SSR 2021- 22, Item no.- 21.02) | 290.30 | 970.00 | cum. | 281594. |
| 2 | Providing and laying Cast insitu/Ready Mix cement concrete in M15 of trap/granite/quartzite/gneiss metal for steps including steel centering, formwork, laying / pumping, compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface, only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed.), with fully automatic microprocessor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Panmixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) (PWD SSR 2021-22, Item no.- 24.04) | 27.22 | 6030.00 | cum. | 164112 |
| 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. column and steel stanchions etc. including bailing out water, Steel centering formwork, laying/ pumping coverblocks, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel) etc. complete, with fully automatic microprocessor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Panmixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) (PWD SSR 2021-22, Item no.- 25.11) | 56.7 | 6666.00 | cum. | 377962 |

| | | | | | |
|---|--|--------|----------|------|------------|
| 4 | 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, coverblocks, 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 microprocess or based PLC with SCADA enabled reversible DrumTypemixer / concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) | | | | |
| | (PWD SSR 2021-22, Item no.- 25.31) | 25.31 | 12987.00 | cum. | 328700.97 |
| 5 | Filling in plinth and floors with contractors material / brought from outside and approved by Engineer incharge in layers of 15 cm to 20 cm including watering and compaction etc.complete | | | | |
| | (PWD SSR 2021-22, Item no.- 21.37) | 1350 | 550.00 | cum. | 742500.00 |
| 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 drawing or as directed including steel centering, formwork, coverblocks, 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 microprocess or based PLC with SCADA enabled reversible DrumTypemixer / concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) | | | | |
| | (PWD SSR 2021-22, Item no.- 25.50) | 24.84 | 11483.00 | cum. | 285227.72 |
| 7 | Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting etc. complete. | | | | |
| | (PWD SSR 2021-22, Item no.- 21.38) | 414 | 1294.00 | cum. | 535716.00 |
| 8 | Providing and laying in situ cement concrete M30 with tremix treatment for 200 mm thickness for flooring with groove cutting of 4mm wide and 20mm deep with necessary refilling with bitumen etc. complete. | | | | |
| | (PWD SSR 2021-22, Item no.- 33.31) | 1860.5 | 1379.00 | Sqm. | 2565629.50 |

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|----|---|---------|--------------|-------------|--------------------|
| 9 | 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, lintel spandis, 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 (PWD SSR 2021-22, Item no.- 26.33) | 33.56 | 71778.00 | mt. | 2408510.79 |
| 10 | Providing structural steel work in trusses, other similar trussed purlins and members with all bracing, gusset plates etc. as per detailed design 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 (PWD SSR 2021-22, Item no.- 23.04) | 35.00 | 105909.0 | mt. | 3706815.00 |
| 11 | Providing and fixing corrugated galvanised Iron sheets of 0.63 mm thick (24B.W.G.) for roofing without wind tiles including fastening with galvanised iron screws and bolts , lead and bitumen washer as per drawing etc. complete.(Weight of 5.5 Kilogram/sq.m.). (PWD SSR 2021-22, Item no.- 38.04) | 2628.18 | 816.00 | sqm. | 2144594.88 |
| 12 | Onion storage box as per design | 26.00 | 45500.00 | sqm. | 1183000.00 |
| | | | | | 14724374.42 |
| | | | Total | Rs.- | 14724374.00 |


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