


	Including fastening with galvanised iron screw and bolt and lead and bitumen washer etc. complete.				
	[Spec.No. :Bd.R6 Page No.452]				
28	Providing & fixing Turbo Ventilator of 24 inches throat diameter of aluminium and of approved make including fixing on dome manufactured from same material used for roofing all necessary fixings etc. Complete (Prior approval of sample and brand by Engineer charge is necessary before use) As directed by Engineer - in - charge	4.00	9702.0	Cum	38808.00
29	Providing & fixing M.S. Channel ISMC 150 X 75 millimeters thick with weight @ 16.80 kilogram / running meter with 20 mill diameter & 0.50 meter long bolts & nuts & 1.00 meter center to center M.S. angles for stand of fire bucket including chain fixing in wall applying three coats of oil paints etc complete	0.37	70.00	Cum	26.00
					2860143.00


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	primer coat] etc. complete.				
	Internal wall - Item no.18 As per Qty.				
		5.50	90000.0	Cum	495000.00
22	Providing and fabricating structural steel work in rolled sections, fixed with connecting plates or angle cleats in main and cross beams, hip and Jack rafters, purlins connecting to truss members & the like, as per detailed design and drawing or as directed including cutting, fabricating, hoisting, erecting, fixing in position, making riveted / bolted / welded connections and one coat of anticorrosive paint and over it two coats of oil painting complete [Spec.No. :Bd.C.3 Page No. 275]				
23	Providing and fixing colour coated zincalume @ AZ150(min 150 gms / sq. Mt Total on each side) profiled sheets for roofing The feed material manufactured out of nominate 0.45 mm base metal thickness (8mt) (0.5 mm TCT) Hi strength steel Mnt m/c 559 Mpa yield metallic hot dip coated with Aluminum zinc alloy (55% aluminum 43.4% zinc 1.6% silicon) with COLOURBOND(R) steel quality cupar durable polyester paint coat (with inorganic pigment) The paint shall have a total coating thickness of nominal 35 um; Compsing of nominate 25 um exterior coat on top surface profile sheet shall have nom. 850-1050 mm effective cover width and nominal 25-30 mm deep ribs with sub square fluting in the five pan of nominal 180-250 mm center to center. The end rib shall be designed for articapillary groove. And return leg . The feed material should havov toll manufactures product details marked a regular interval including fasteners with min. fastened with min 25 um zinc tin alooy coated max head self drilling screw etc completed (Weight of profile 4.52% sqm)	629.30	778.88	Cum	490149.00
24	Providing and laying in situ cement congrete M-20 grade of trap metal for 150 mm thik well compactd mechanically vibrated finished to required levels, dewatered by vaccum process "TRIMIX" for flooring floated with neat cement and power trowel to get smooth finish...etc. Complete. [Spec. No.: As directed by Engineer-in-charge.]	183.71	828.00	Cum	152112.00
25	Providing groove cutting 25 mill meters X 6 mill meters in cement concrete flooring & fitting te gap of expansion joints with bituman of 30/40 grade including cleaning the groove and preparig the same or filing etc . Complete as directed	66.71	60.00	Cum	4003.00
26	Providing and fixing rolling steel shutters fabricated from 18/20 guage steel lathe with side guides, bottom rail, brackets, door suspension shaft including rolling springs, locking arrangement and housing box at top including one coat of red lead primer.	18.61	5308.0	Cum	98782.00
27	Providing fixing metacoloour, epoxy coating, to match (1mm) over the ridge ,hip or valley for meta colour corrugated epoxy sheet roofign	18.74	1000.0	Cum	18740.00

	with C.M. 1:3 of sufficient minimum thickness to give a block) 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. complete.				
13	Filling in plinth and floors with contractors approved material / murum / stone dust in 15cm. to 20cm. layers including watering and compaction complete.	146.97	599.00	Cum	88035.00
14	Providing soling using 80 mm size granite / quartzite / gneiss / trap metal in 15 cm. layer including hand packing filling voids with sand / grit, ramming, watering etc complete.	27.56	1454.0	Cum	40072.00
15	Filling in plinth and floors with approved excavated materials in 15 cm. to 20 cm. layers including watering and compaction complete.	0.00	0.00	Cum	0.00
16	Providing second class Burnt Brick masonry with conventional [S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out, joints, watering and scaffolding etc. complete. [Spec.No. :Bd.G.5 Page No. 315]	20.83	7994.0	Cum	166515.00
17	Providing sand faced plaster externally in cement mortar using Kharsalla/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 sand faced treatment 6 to 8mm. thick in C.M. 1:4; finishing the surface by taking out grains and curing for fourteen days. scaffolding etc. complete. [Spec.No. :Bd.L.7 Page No. 369]	243.22	639.00	Cum	155414.00
18	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. [Spec.No. :Bd.L.2 Page No. 368]	148.20	271.00	Cum	40162.00
19	Providing and fixing steel Window fully glazed partly hung and partly fixed as per detailed drawing without dip zinc coating including fabricating glazing with plain obscured glass panes of approved type and quality and fastening without teak wood boxing and architecture and oil painting two coats etc. complete. (Sample to be got approved from Ex.Engineer before use) with guard sq. 12mm 10cm c/c and oil painting 2 coats etc. Spec.No.: As directed by Engineer- in-charge.	27.68	3375.0	Cum	93403.00
20	Providing and applying three 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 etc. complete. [Spec.No. :Bd.O.8 Page No. 406]	243.21	104.00	Cum	25294.00
21	Providing & applying washable oil bound distemper of approved colour & shed to old surfaces in two coats including scaffolding & preparing the surfaces [excluding	148.20	32.00	Cum	4742.00

	provided & curing etc. complete. (Excluding [Spec.No. :Bd.F.6 Page No. 300/IS:456(2000)]				
7	Providing and casting in situ cement concrete of required grade of trap / granite / quartzite / gneiss metal for R.C.C slabs and landings as per detailed design drawings including steel centering, plywood / steel formwork, steel props, compaction, finishing uneven and honeycombed 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 with fan hook box of 2 mm thick M.S. Sheet rectangular size 180 mm x 100 mm with required depth, with holes or notches, as required, bottom and top etc.	1.56	13932.0	Cum	21734.00
8	Providing and casting in situ cement concrete of required grade of trap / quartzite / granite / gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centering, plywood/steel formwork, steel props, compaction finishing uneven and honeycombed 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, including cover block) The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed)	0.78	13932.0	Cum	10839.00
9	Providing and fixing in position steel reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams, columns canopies staircase, newels, chajjas, lintels, parris, copings, fins, arches etc. as per detailed designs, drawings and schedules including cutting, bending, hooking the bars, binding wires or tack welding and supporting as required etc. complete. [Spec.No. :Bd.F.17 Page No 306.]	3.47	89703.0	Cum	310994.00
10	Providing 2nd class Burnt Brick masonry with conventional M.S. type bricks in cement mortar 1:6 in foundations and plinth of inner walls in plinth of external walls including bailing out water, striking joints on unexposed faces, racking out joints on exposed faces and watering complete.	9.72	7755.0	Cum	75340.00
11	Providing and casting in situ cement concrete M15 of trap/granite/quartzite/gneiss metal for coping to plinth or parapet, moulded or chamfered as per drawing or as finishing with minimum thickness of 1:3 cement plaster given a smooth and even surface or roughening them of special finish is to be provided, finishing if required and curing etc. complete.	1.82	7190.0	Cum	13100.00
12	Providing and casting in situ cement concrete of C.C. M-20 grade of trap/quartzite / granite / gneiss metal for R.C.C. Waist slab, and steps of staircases as per detailed design and drawings or as directed including steel centering, plywood/ steel formwork, steel props, compaction, finishing uneven and honeycombed	0.00	0.00	Cum	0.00

Name of work: CONSTRUCTION PLAN FOR "KARALGAON FARMER PRODUCER COMPANY LIMITED" OF CLEANING UNIT, AT KARALGAON TO BABULGAON

ABSTRACT

Sl. No.	Item of Work	Quantity	Rate	Per	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, stacking and/or spreading as directed, dewatering manually, preparing the bed for the foundation and necessary back filling, ramming, watering (Excluding shoring and strutting) etc. complete. (Lift upto 1.5 m.) [Spec.No. :Bd.A.1 Page No. 259.]	52.92	239.00	Cum	12648.00
2	Excavation for foundation in hard murum including removing the excavated material upto distance of 50 metres beyond the building area, stacking and/or spreading as directed, dewatering manually, preparing the bed for the foundation and necessary back filling ramming watering, etc. complete. (Excluding shoring strutting) (Lift upto 1.50 m) [Spec.No. :Bd.A.2 PageNo. 259]	63.50	365.00	Cum	23178.00
3	Providing and laying in situ, cement concrete in 1:4:8 trap/granite/quartzite/gneiss metal for foundation and bedding including bailing out water form work, compacting and curing etc. complete [Spec.No. :Bd.E.1 Page No. 287]/I.S.458 (2000)	5.29	5830.00	Cum	30841.00
4	Providing and laying in situ 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 including bailing out water manually, form-work, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel). [Spec.No. :Bd.F.3 Page No. 298/IS:456(2000)]	20.79	7104.00	Cum	147692.00
5	Providing and casting in situ cement concrete M-20 / [1:2:4] of trap granite/quartzite/gneiss metal for R.C.C. columns as per detailed drawings 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 and roughening if special finish is to be provided and curing etc. complete. (excluding reinforcement) [Spec.No. :Bd.F.5 Page No. 300/IS:456(2000)]	11.08	13783.0	Cum	152716.00
6	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 of sufficient minimum thickness to give a smooth and even surface & roughening the surface if special finish is to be	12.21	12259.0	Cum	149804.00

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SUMMARY SHEET


DATE - / /2022

NAME OF WORK – CONSTRUCTION PLAN FOR “KARALGAON FARMER PRODUCER COMPANY LIMITED” OF CLEANING UNIT, AT KARALGAON, TAH. BABULGAON, DIST YAWATMAL.

Sr. No.	Description	Percentage	Amount
1	Estimate cost cleaning unit	As per estimate	Rs. 28,60,143/-
2	Add for electrification	5%	Rs. 1,43,007/-
3	Add for Royalty/Lead lift Charges	4%	Rs. 1,14,406/-
4	Add for lab test Charges	L.S.	Rs. 25,000/-
5	Total		Rs. 31,42,556/-
6	Add 18% for GST charges or as Applicable		Rs. 5,65,660/-
7	Add 0.5% for Insurance		Rs. 15,712/-
8	Add 5% contingency/machine foundation		Rs. 1,57,128/-
	Total amount		Rs. 38,81,057/-
	Say Rs.		Rs. 39,00,000/-

(In Words Thirty Nine Lakh Only.)

Note - The Estimate Is Based on S.S.R. 2022-23.


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