

ABSTRACT SHEET

NAME OF WORK :- PROPOSED CONSTRUCTION OF MACHINE SHED FOR "DATTAPRABHU FARMER PRODUCER COMPANY", SURVEY NO. 546, NH 361, SITUATED AT MOUZA CHACHER, TAH. MAUDA, DIST. NAGPUR.
(Built up area = 550.00 Sqmt. Or 5920.20 Sqft.)

Sr.No.	PARTICULARS	UNIT	QTY	RATE	AMOUNT
1	Excavation for foundation earth, soils of all types, sand, gravel & soft murum, including removing the excavation material up to a distance of 50 m and necessary back filling, raming, watering, including shoring & strutting as necessary complete.SSR No. 21.01, Page No. 153	Cum	208.080	239.00	49731.12
2	Providing and laying in situ cement concrete in 1:4:8 of trap/granite/quartzite/gneiss metal for foundation andfor rendering uneven and honey combed surface only. Newly laid concrete shall be covered by gunny bag,plastic, trapaulin etc.SSR No. 24.01, Page No. 175	Cum	62.688	5538.00	347166.14
3	Providing and laying in situ/Ready Mix cement concrete M20 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 stanchion 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 microprocessor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) . SSR No. 25.11, Page No. 178	Cum	20.250	7104.00	143856.00

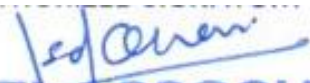
4	<p>Providing and laying Cast in situ/Ready Mix concrete M-20 of trap/granite/quartzite/gneiss metal for R.C.C. columns as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 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 microprocessor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade). SSR No. 25.31, Page No. 179</p>	Cum	47.264	13783.00	651432.82
5	<p>Providing and laying Cast in situ/Ready Mix concrete M20 of trap/granite/quartzite/gneiss metal for R.C.C. beams and lintels as per detailed design 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. complete. (Excluding reinforcement and structural steel). with fully automatic microprocessor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade). ssr item no. 25.50, Page No. 181</p>	Cum	9.712	12269.00	119161.93
6	<p>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. Ssr Item No. 27.01, Page No. 197</p>	Cum	19.425	7755.00	150639.94

7	ProvidingsecondclassBurntBrickmasonry withconventional/I.S.typebricksincementmortar1:6insuperstructureincludingstrikingjoints,rakingoutjoints,wateringandscaffolding etc. Complete. Ssr Item No. 27.05, Page No. 197	Cum	95.054	7994.000	759864.87
8	ProvidingandlayingCastinsitu/ReadyMixcementconcreteinM20oftrap/granite/quartzite/gneissmetalforR.C.C.copingtoplinthorparapetandsillofdoorsandwindowsmouldedasperdetaileddrawingsorchamferedasapprovedbytheEngineerincludingsteelcentering,formwork,coverblocks,laying/pumping,compacting,curing,finishingandrougheningthem ifspecialfinishistobeprovidedandcuringcomplete.(Excludingreinforcementandstructuralsteel).withfullyautomaticmicroprocessorbasedPLCwithSCADAenabledreversibleDrumTypemixer/concreteBatchmixplant(Panmixer)etc.complete. With fine aggregate (Crushed sand VSI Grade), Ssr Item No.26.23, Page No. 185	Cum	2.158	7190.00	15518.32
9	Filling in plinth and floors with contractors approved material/sand or murum in 15 to 20 CM layer including watering and compaction complete.Ssr Item No 21.37, Page No. 157	Cum	330.048	599.00	197698.75
10	Providinginternalcementplaster12mmthick insinglecoatincementmortar1:5withoutneer ufinishtoconcreteorbricksurfaces,inallpositionsincluding scaffoldingandcuringetc.com plete.Ssr Item No. 32.03, Page No. 209	Sqm	405.000	271.00	109755.00
11	Providingsandfacedplasterexternallyincementmortarusingapprovedscreenedsand,inall positionsincludingbasecoatof15mmthickincementmortar1:4usingwaterproofingcompoundat1Kilogrampercementbagcuringthesamefornotlessthan2daysandkeepingthesurfaceofthebasecoatroughtoreceivethesandfacedtreatment6to8mmthickincementmortar1:4finishingthesurfacebytakingoutgrainsand curingforfourteendaysscaffoldingetc.com pl ete. Ssr Item No. 32.11, Page No. 209	Sqm	413.280	639.00	264085.92

12	Providing and fixing in position TMT-FE500 bars in 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 tack welding and supporting as required complete. Ssr Item No. 26.33, Page No. 188	Mt.	30.890	89703.00	2770959.40
13	Providing and laying cement concrete flooring 50mm 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. Ssr Item No.33.16 , Page No. 214	Sqm	528.708	483.00	255366.16
14	Providing and applying two coats of water proof cement paint of approved manufacture and of approved colour to the plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days etc. complete. Ssr Item No. 35.13, Page No. 224	Sqm	818.280	79.00	64644.12
15	Providing and fixing rollings shutter fabricated from steel laths of minimum thickness 0.9mm with lock plate of 3.15mm thickness reinforced with 35x35x5mm angle section fitted with sliding bolts 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	Sqm	9.000	4829.00	43461.00

	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 on ecoat of red lead primer etc. complete. (I.S. 62481979) (Without mechanical gear. Ssr Item No.39.24 Page. No. 248				
16	Providing structural steel work in trusses, purlins and members with all bracing, gusset plates etc. as per detail drawing 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 two coat of oil painting of approved quality and shade complete. Ssr item no. 23.04 Page No. 173	M.T.	9.920	119459.00	1185033.28
17	Providing and fixing 22B.W.G. plain galvanized 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) SSR Item No.39.88, Page No. 263	RMT	550.080	1052.00	578684.16
18	Providing and fixing valley gutter of 22B.W.G. (0.8mm) plain galvanized iron sheets 90cm wide with teak wood planking 20mm thick including two coats of coal tarring the upper surface of plank etc. complete. (excluding painting to underside of plank). SSR Item No. 38.09 Page No. 233	Rmt.	24.000	2218.00	53232.00
			Total	Rs.	7760290.94
	<u>LAB TESTING</u>				
1	Mix Design M-20 Concrete	Nos.	2	13755.00	27510
	<u>CEMENT</u>				
2	Standard Consistency, Fineness, Specific Gravity, Setting Time (Initial & Final), Compressive Strength, Soundness.	Nos.	2	3770.00	7540
	<u>AGGREGATE</u>				
3	Water Absorption, Specific Gravity, Impact Value, Crushing Value	Nos.	2	2600.00	5200
	<u>BRICKS</u>				

4	Water Absorption (Set of 5 Bricks), Compressive Strength(Set of 5 Bricks), Efflorescence (Set of 5 Bricks).	Nos.	2	2175.00	4350
	CONCRETE				
5	Compressive Strength M-30, M-20.(Set of 3 Cubes)	Nos.	2	690.00	1380
	MORTOR				
6	Compressive Strength.(Set of 3 Cubes)	Nos.	2	690.00	1380
7	STEEL BAR TESTING Upto 12 mm, 16 mm, 20 mm (Set of 3 Bars)	Nos.	2	1275.00	2550
				Total	49910.0


QUAZI ASSOCIATES
IRSHAD J. QUAZI
M. TECH STRUCTURE (CIVIL) FIV, AIV
Govt. Approved Valuer Cat No. I/F-2539
LIC. No.-ADTP/GONDIA/ER/15