

<b><u>NAME OF WORK</u> :- PROPOSED CONSTRUCTION OF GODOWN SHED FOR "DATTAPRABHU FARMER PRODUCER COMPANY", SURVEY NO. 546, NH 361, SITUATED AT MOUZA CHACHER, TAH. MAUDA, DIST. NAGPUR.</b> (Capacity 800 MT. & Built up area = 464.00 Sqmt.)								
Sr. No	PARTICULARS	Nos	L(M)	B(M)	H/D(M)	QTY(Cum)	RATE	AMOUNT
1	<b>Excavation</b> 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							
	C.1	22	1.70	1.70	2.40	152.592		
						<b>152.592</b>	239	<b>36469.5</b>
						Cum		
2	Providing and laying in situ <b>cement concrete in 1:4:8</b> of trap/granite/quartzite/gneiss metal for foundation and .....for 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							
	C.1	22	1.60	1.60	0.10	5.632		
	Floor bed	1	13.53	34.29	0.10	46.394		
						<b>52.026</b>	5538	<b>288122.0371</b>
						Cum		
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 setc. 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							
		22	1.50	1.50	0.30	14.850		
						<b>14.850</b>	7104	<b>105494.4</b>
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, 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							
	a) below G.L. C.1	22	0.30	0.60	1.85	7.326		

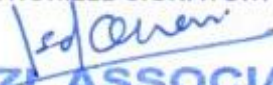
Sr. No	PARTICULARS	Nos	L(M)	B(M)	H/D(M)	QTY(Cum)	RATE	AMOUNT
	a) above G.L C.1	22	0.30	0.60	7.00	27.720		
						<b>35.046</b>	13783	483039.02
						Cum		
5	Providing and laying Cast in situ/Ready Mix cement concrete M20 of trap/granite/quartzite/gneiss metal for R.C.C. beams and lintels as per detailed designs 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							
	A) at ground level	2	13.53	0.23	0.45	2.801		
		2	34.29	0.23	0.45	7.098		
						<b>9.899</b>		
	B) At Lintel Level							
		2	13.53	0.23	0.30	1.867		
		2	34.29	0.23	0.30	4.732		
						<b>6.599</b>		
	Net		9.90		6.60	<b>16.498</b>	12269	202412.74
						Cum		
6	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							
		2	13.53	0.23	0.90	5.601		
		2	34.29	0.23	0.90	14.196		
						<b>19.797</b>	7755	<b>153529.4574</b>
						Cum		
7	Providing second class Burnt Brick masonry with conventional I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. Complete. Ssr Item No. 27.05, Page No. 197							
		2	13.53	0.23	4.50	28.007		
		2	34.29	0.23	4.50	70.980		
						98.987		
						<b>197.975</b>	7994	<b>1582610.55</b>
						Cum		

Sr. No	PARTICULARS	Nos	L(M)	B(M)	H/D(M)	QTY(Cum)	RATE	AMOUNT
8	Providing and laying Cast in situ/Ready Mix cement concrete in M20 of trap/granite/quartzite/gneiss metal for R.C.C. coping to plinth or parapet and sill of doors and windows moulded as per detailed drawings or chamfered as approved by the Engineer including steel centering, formwork, cover blocks, laying/pumping, compacting, curing, finishing and roughening them if special finish is to be provided and curing 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.26.23, Page No. 185							
	1 To plinth							
		2	13.53	0.23	0.100	0.622		
		2	34.29	0.23	0.100	1.577		
						<b>2.200</b>	7190	<b>15815.9868</b>
						Cum		
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							
	Floor bed							
		1	13.53	34.29	0.60	278.366		
						<b>278.366</b>	599.00	166741.37
						Cum		
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. Ssr Item No. 32.03, Page No. 209							
		2	13.07		4.50	117.630		
		2	33.83		4.50	304.470		
						422.100		
						<b>422.10</b>	271	<b>114389.1</b>
						<b>Sqm</b>		
11	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15mm thick in cement mortar 1:4 using waterproofing compound at 1 Kilogram 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 8mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc. complete. Ssr Item No. 32.11, Page No. 209							
		2	13.53		4.50	121.77		
		2	34.29		4.50	308.61		

Sr. No	PARTICULARS	Nos	L(M)	B(M)	H/D(M)	QTY(Cum)	RATE	AMOUNT
						<b>430.38</b>	639	<b>275012.82</b>
						<b>Sqm</b>		
12	ProvidingandfixinginpositionTMT-FE500barreinforcementofvariousdiametersforR.C.C.pil ecaps,footings,foundations,slabs,beamscolumns,canopies, staircase,newels,chajjas,lintelsparadis,copings,fins,arc hesetc.asperdetaileddesigns,drawingsandschedules.includingcutting,bending,hookingthebars,bindingwithwiresortackweldingand supporting as required complete. Ssr Item No. 26.33, Page No. 188							
	Footing		14.85	180.0		2673.000		
	Column		35.05	180.0		6308.28		
	Beam		16.50	180.0		2969.622		
						<b>11950.9</b>		
						<b>11.951</b>	89703	1072031.76
						<b>Mt</b>		
13	Providingandlayingcementconcreteflooring50mmthickwithM20cementconcretelaidtoproperlevelandslopeinalternatebaysincludingcompaction,fillingjoints,markinglinestogivetheappearanceoftiles30cmx30cmorothersizelaid diagonally/squareetc.finishingsmooth(withextracement)in anycolourasdirectedandcuringetc.complete.WithCrushedSand. Ssr Item No.33.16 , Page No. 214							
		1	13.53	34.29		<b>463.944</b>	483.00	224084.81
						<b>Sqm.</b>		
14	Providingandapplyingtwocoatsofwaterproofcementpaintofapprovedmanufactureandofapprovedcolourtotheplastered surfacesincluding scaffoldingif necessary, cleaning and preparing the surface, watering for two days etc. complete. Ssr Item No. 35.13, Page No. 224							
						<b>852.48</b>	79.00	67345.92
						<b>Sqm.</b>		
15	Providingandfixingrollingshutterfabricatedfromsteellathsofminimumthickness0.9mmwithlockplateof3.15mmthicknessreinforcedwith35x35x5mmanglesectionfittedwithliftingboltsandhandlesforbothsides,deepM.S.channelsectionofdepthandthicknessnotlessthan65mm and3.15mm respectivelywithholdfastarrangements,M.S.Bracketplate300x300x3.15mmminimumsizeandshapewithsquarebar,suspensionshaftofminimum32mmdiameter,hoodcoverofM.S.sheetnotlessthan0.9mmthicknessandofany sizeattopandasafetydevicesincludingmechanicalgearoperationarrangementconsistingofwormgearwheelsandwormsofhighgrade cast iron or mild steel and one coat of red lead primer etc. complete. (I.S. 62481979) (Without mechanical gear.Ssr Item No.39.24 Page. No. 248							
		1	3.89		3.00	<b>11.670</b>	4829.0	56354.43
						<b>Sqm</b>		

Sr. No	PARTICULARS	Nos	L(M)	B(M)	H/D(M)	QTY(Cum)	RATE	AMOUNT
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							
	Truss	16	@	320		5120		
	Purlins	8	@	120		960		
						6080.0		
						<b>6.080</b>	119459	726310.72
						<b>M.T.</b>		
17	Providing and fixing 22 B.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							
		1	13.53	34.29		463.944		
						<b>463.94</b>	1052.0	488068.77
						<b>Sqm</b>		
18	Providing and fixing valley gutter of 22 B.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							
		1	34.29			<b>34.290</b>	2218.0	76055.22
							Rmt.	
						<b>Total</b>	Rs.	<b>6133888.59</b>
<b><u>MURUM ROAD</u></b>								
19	Taking the trial pit for roads, alignment, C.D. Work in Hard murum, including stacking the excavated material including all lifts and necessary back filling upto depth 1.5 meters. SSR No. 1.04, Page No. 13							
	Murum Road	1	9.14	40.00	0.15	54.840		
						<b>54.840</b>	631	<b>34604.0</b>
						<b>Cum</b>		
20	Taking the trial pit for roads, alignment, C.D. Work in Hard murum, including stacking the excavated material including all lifts and necessary back filling upto depth 3.0 meters. SSR No. 1.05, Page No. 13							
	Murum Road	1	9.14	40.00	0.30	109.680		
						<b>109.68</b>	706	<b>77434.1</b>
						<b>Cum</b>		

Sr. No	PARTICULARS	Nos	L(M)	B(M)	H/D(M)	QTY(Cum)	RATE	AMOUNT
21	Taking the trial pit for roads, alignment, C.D. Works in Hard murum, and Boulders including stacking the excavated material including all lifts and necessary backfilling up to depth 1.5 meters. SSR No. 1.06, Page No. 13							
	Murum Road	1	9.14	40.00	0.15	54.840		
						<b>329.04</b>	780	<b>256651.2</b>
22	Taking the trial pit for roads, alignment, C.D. Works in Hard murum, and Boulders including stacking the excavated material including all lifts and necessary backfilling up to depth 3.0 meters. SSR No. 1.06, Page No. 13							
	Murum Road	1	9.14	40.00	0.30	109.680		
						<b>109.68</b>	984	<b>107925.12</b>
						<b>Total</b>	Rs.	<b>6610503.0</b>

  
**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**