

Irsshad J. Quazi

Chartered Engineer,

Approved Valuer, FIV, Cat - I/F-2539

M. Tech Civil (Structural)

Office address

1 st Floor Hora Complex, Near Prabhat

Talkies, Jaistambh Chowk, Gondia

Mob.No. 98226 43439

ORIGINAL/ DUPLICATE

ESTIMATE

Name of Work

CONSTRUCTION OF GODOWN SHED FOR
"ANTARANG FARMER PRODUCER COMPANY
LIMITED" SITUATED AT MOUZA BORDA
(GANESHI), GAT NO. 41/1, BLOCK PARSHIONI,
DIST. NAGPUR.

CAPACITY OF GODOWN : - 900 MT.

BUILT UP AREA 522.00 SQM. (5618.80 SQFT.)

ESTIMATE COST

Rs. 1,03,66,305/-

*(Rs. One Crore Three Lac Sixty Six Thousand & Three
Hundred & Five Only.)*

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M. Tech Civil (Structural)

Office address

1 st Floor Hora Complex, Near Prabhat

Talkies, Jaistambh Chowk, Gonda

Mob.No. 9822643439

SUMMARY SHEET

NAME OF WORK:- PROPOSED CONSTRUCTION OF GODOWN SHED FOR "ANTARANG FARMER PRODUCER COMPANY LIMITED" SITUATED AT MOUZA BORDA (GANESHID), GAT NO. 4/1, BLOCK PARSHONI, DIST. NAGPUR.
(Capacity 900 MT. & Built up area = 522.00 Sqmt.)

Sr. No.	DESCRIPTION	PERCENTAGE	AMOUNT
1	Estimate Cost (Godown)	As Per Estimate	7226491.57
2	Internal Road Work	L.S.	391095.00
3	Add For Electrification	As Per Calculations	349731.00
4	Add For Royalty/Rate Analysis Charge	As Per Calculations	350218.31
5	Add For Lab Testing Charges	As Per Calculations	49136.00
6	Total Cost	-:-	836671.88
	Add 18% for GST Charge		1506000.94
	Total		9872672.81
7	Add 0.5% For Insurance	-:-	493633.64
	Total Amount		10366306.46
	Say		Rs. 1,03,66,305/-
(Rs. One Crore Three Lac Sixty Six Thousand & Three Hundred & Five Only.)			
Note - The Estimate Is Based on S.S.R. 2022-23			

sd Quazi

QUAZI ASSOCIATES
IRSSHAD J. QUAZI
M. TECH STRUCTURE (CIVIL) FIV,AV
Govt. Approved Valuer Cat No. IF-2539
LIC No.-ADTP/GONDIV/ER/15

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ABSTRACT SHEET

**NAME OF WORK :- PROPOSED CONSTRUCTION OF GODOWN SHED FOR
"ANTARANG FARMER PRODUCER COMPANY LIMITED" SITUATED AT MOUZA
BORDA (GANESHDI), GAT NO. 41/1, BLOCK PARSHIONI, DIST. NAGPUR.
(Capacity 900 MT. & Built up area = 522.00 Sqmt.)**

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, ranning, watering, including shoring & strutting as necessary complete.SSR No. 21.01, Page No. 153	Cum	180.336	239.00	43100.30
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 concecrete shall be covered by gunny bag,plastic, trapaulin etc.SSR No. 24.01, Page No. 175	Cum	58.855	5538.00	325937.55
3	Providing and laying in situ / Ready Mix cement concrete M20 oftrap /granite /quartzite /gneiss metal for R.C.C. work in foundation slikeraft ,strip foundations ,grillage and footing sof R.C.C. column sand ste 1 stanchions etc.including bailingout water, Steel centering formwork, laying /pumping coverblocks, compaction and curing roughening the surface if special finishiso be provided (Excluding reinforcement and structural steel) etc. complete, withfully automatic micro processor based PLC with SCADA enable dreversible Drum Type mixer/concrete Batch mixplant (Pannixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) . SSR No. 25.11, Page No. 178	Cum	17.550	7104.00	124675.20

4	<p>Providing and laying Castinsitu/ Ready Mix cement concrete M-20 of trap/ granite/ quartzite/ eissmetal for R.C.C. column sasper detailed design sand drawing oras directed including steel centering, formwork, coverblocks, laying/ pumping, compaction finishing the formed surface swithcemen tmortar 1:3 of sufficient minimum thickness to givea smooth and even surface orroughening if special finishes 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/ c oncrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade).SSR No. 25.31, Page No. 179</p>	Cum	41.418	13783.00	570864.29
5	<p>Providing and laying Cast in situ / Ready Mix cement concrete M20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. beam sand lintels as per detailed design sand drawing soras directed including steel centering, ormwork, coverblocks, laying/ pumping, compaction and roughening the surface if specia finishes to be provided and curing etc. complete. (Excluding reinforcement and structural steel). with fully automatic microprocessor based PLC with SCADA enabled reversible Drum Typemixer/ 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	17.978	12269.00	220571.47

6	Providing second class sBurnt Brick masonry with conventional /I.S. type brick sincrement mortar 1:6 in foundation sand plinth of in ner walls/ in plinth external walls including bailing out wate rmanually,striking joints onun exposed faces, raking out joints onex posed faces and watering etc. Complete. Ssr item No. 27.01,Page No. 197	Cum	21.574	7755.00	167302.80
7	Providing second class Burnt Brick masonry with conventional /I.S. type brick sincrement mortar 1:6 in super structure in cluding striking joints, rakingout joints, watering and scaffolding etc. Complete. Ssr Item No. 27.05, Page No. 197	Cum	215.735	7994.000	1724588.79
8	Providing and laying Cast in situ/ Ready Mix cement concretein M20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. coping to plinth or parapet and sill of doors and window smoulded as per detailed drawings or chamfered as approved by the Engineer including steel centering, formwork, coverblocks, laying/ pumping, compacting, curing, finishing an droughening the mifspecial finishes to be provide dand curing complete. (Excluding reinforce mentand structural steel). with fully automatic microprocessor based PLC with SCADA enable dreversible Drum Typemixer/ concrete Batch mixplant (Pannixer) etc .complete. With fine aggregate (Crushed sand VSI Grade), Ssr Item No.26.23, Page No. 185	Cum	2.397	7190.00	17234.86
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	313.192	599.00	187602.27

10	Providing internal cement plaster 12 mm 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 . sr Item No. 32.03, Page No. 209	Sqm	460.710	271.00	124852.41
11	Providing sand plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using water proofing compound at 1 Kilo gram per cement bag curing the same format less than 2 day sand keep ing the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grain sand curing for fourteen days scaffolding etc.complete. Ssr Item No. 32.11, Page No. 209	Sqm	468.990	639.00	299684.61
12	Providing and fixing in position TMT - FE 500 barrein forcement o fvarious diameter sfor R.C.C. pilecaps, 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 tackwel dingand supporting as required complete. Ssr Item No. 26.33, Page No. 188	Mt.	17.205	89703.00	1543350.38
13	Providing and laying cement concrete flooring 50 mm thick with M20 cement concrete laid to proper leveland slope in alternaterebays including compaction, filling joints, marking line sto give the appearance of tiles of 30 cm x 30 cm or other size laid diagonally /square etc .finishing smooth (with extra cement) in any colour asdirected and curing etc.complete.With Crushed Sand. Ssr Item No.33.16 , Page No. 214	Sqm	521.987	483.00	252119.91

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	929.700	79.00	73446.30
15	Providing and fixing rolling shutter fabricated from steellaths of minimum thickness 0.9 mm with lock plate of 3.15 mm thick ness reinforced with 35 x 35 x 5 mm angle section fitted with sliding bolts and handles for both sides, deep M.S. channel section of depth and thick ness not less than 65 mm and 3.15 mm respectively with hold fastarrangements , M.S. Bracket plate 300x300x3.15 mm minimum size and shape with square bar,suspension shaft of minimum 32 mm diameter, hood cover of M.S sheet not less than 0.9 mm thick ness and of any size atopand safety device sincluding mechanicalgear operation arrangement consisting of wormgear wheels and worm sohigh gradecastiro no mild steel and one coat of redlead primeretc. complete. (I.S. 62481979) (Without mechanical gear.Ssr Item No.39.24 Page. No. 248	Sqm	11.670	4829.00	56354.43
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, hoising, 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.	7.200	119459.00	860104.80

17	Providing and fixing 22B. W. G. plain galvanised iron sheets on top of weathershed, including scaffolding, fixing by mean softnutand bolts or as directed etc. complete. (Brackets of 70 x 45 mm to be paid separately) SSR Item No.39.88, Page No. 263	RMT	521,987	1052.00	549130.74
18	Providing and fixing valley gutter of 22B. W.G. (0.8 mm) plain galvani sediron sheets 90 cm wide with teak wood planking 20 mm thick including twocoat sofcoaltarring the upper surface of plank etc. complete. (excluding painting to underside of plank). SSR Item No. 38.09 Page No. 233	Rmt.	38,580	2218.00	85570.44
			Total	Rs.	7226491.57
	MURUMROAD				
19	Taking the trial pit for roads, alignment, C.D.Works 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	Cum	45,000	631.00	28395.00
20	Taking the trial pit for roads, alignment, C.D.Works 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	Cum	90,000	706.00	63540.00
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 upto depth 1.5 meters. SSR No. 1.06, Page No. 13	Cum	270,000	780.00	210600.00
22	Taking the trial pit for roads, alignment, C.D.Works in Hard murum, and Boulders including stacking the excavated material including all lift sand necessary back filling upto depth 3.0 meters. SSR No. 1.06, Page No. 13	Cum	90,000	984.00	88560.00

			Rs.	391095.00
			Total	Rs. 7617586.57
	LAB TESTING			
1	Mix Design M-20 Concrete	Nos.	2	13755.00
	CEMENT			27510
2	Standard Consistency, Fineness, Specific Gravity, Setting Time (Initial & Final), Compressive Strength, Soundness.	Nos.	2	3770.00
	AGGREGATE			7540
3	Water Absorption, Specific Gravity, Impact Value, Crushing Value	Nos.	2	2600.00
	BRICKS			5200
4	Water Absorption (Set of 5 Bricks), Compressive Strength (Set of 5 Bricks), Efflorescence (Set of 5 Bricks).	Nos.	2	2175.00
	CONCRETE			4350
5	Compressive Strength M-30, M-20. (Set of 3 Cubes)	Nos.	1	690.00
	MORTAR			690
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	1233.00
			Total	2466
			Total	49136.0

sd/Quazi
QUAZI ASSOCIATES

IRSSHAD J. QUAZI

M. TECH STRUCTURE (CIVIL) FIV, AIV

Govt. Approved Valuer Cat No. JH-2539

LIC No.-ADTP/GONDIA/ER/15

Electrification

**NAME OF WORK :- PROPOSED CONSTRUCTION OF GODDOWN SHED FOR
"ANTARANG FARMER PRODUCER COMPANY LIMITED" SITUATED AT
MOUZA BORDA (GANESHU), GAT NO. 41/1, BLOCK PARSHIONI, DIST.
NAGPUR. (Capacity 900 MT. & Built up area = 522.00 Sqmt.)**

1	Single core PVC insulated copper wire 1.5 sq mm	Ml.	70	2632	184240
2	Bulb 60W Pin type	No.	21	28	588
3	CFL 23w holder type	No.	40	230	9200
4	Switch MCCB 100A	No.	18	1045	18810
5	MCB 20Amp	No.	21	635	13335
6	Tube Rod 36W	No.	40	370	14800
7	6 M Modular PVC Box	No.	55	75	4125
8	Switch 15A	No.	149	50	7450
9	Socket 15A	No.	76	36	2736
10	Choke 18 watt for 4 pin CFL	No.	55	360	19800
11	3 Core,2.5 sq mm, flexible PVC insulated cable	No.	250	65	16250
12	Connector strip 10A (12point)	No.	325	25	8125
13	Plug Top 25A,3 pin	No.	30	60	1800
14	PVC Tape roll	No.	50	270	13500
15	Batten nail	No.	70	35	2450
16	Tube Starter 20-65W	No.	46	32	1472
17	Terminal power strip, 15 Amps, 3 Socket 3 Switch	No.	30	1035	31050
Total					349731

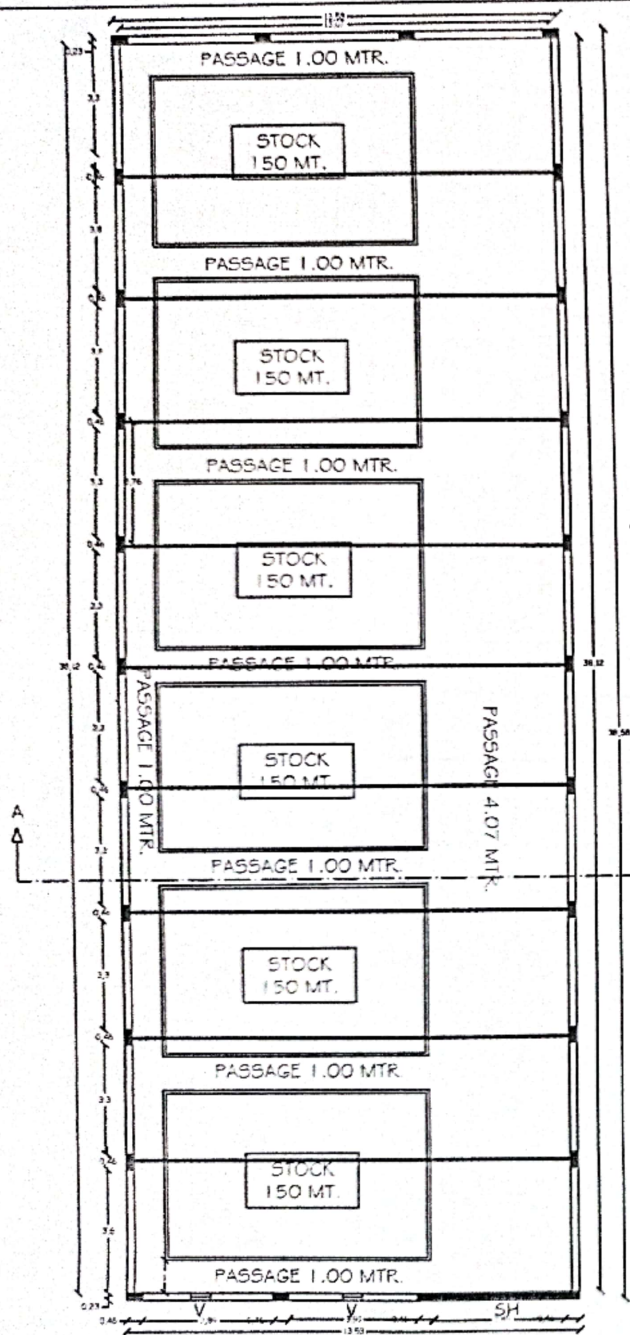
QUAZI ASSOCIATES

IRSHAD J. QUAZI

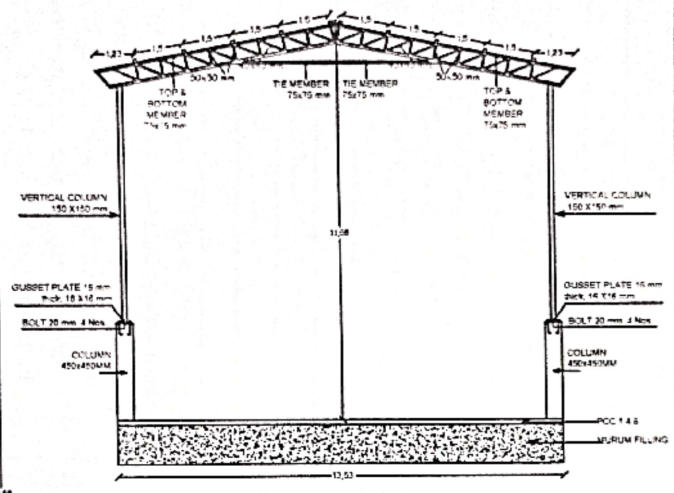
M. TECH STRUCTURE (CIVIL) FIVAIN

Govt. Approved Valuer Cat No. JH-2539

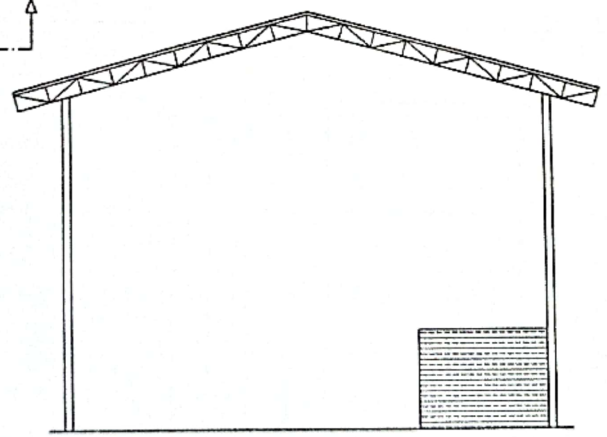
LIC. No.-ADTP/GONDIA/ER/15



GODOWN PLAN SCALE 1:100



SECTION A-A



ELEVATION

AREA STATEMENT
 GODOWN BUILT UP AREA = 522.00 SQMT.
 (5618.80 SQFT.)

CAPACITY - 900.00 MT.

COLUMN SIZE = 0.30 X 0.45

OPENING SCHEDULE
 R.S.D. ROLLING SHUTTER DOOR - 3.89x3.00
 V VENTILATOR - 0.60x0.60

PROPOSED GODOWN PLAN BELONGS TO
 "ANTARANG FARMER PRODUCER COMPANY
 LIMITED" SITUATED AT MOUZA BORDA
 (GANESHI), 6AT NO. 41/1, BLOCK
 PARSHIONI, DIST. NAGPUR.

NOTE :- ALL DIMENSIONS ARE IN METRE IN SCALE 1:100

SANCTION AUTHORITY

OWNER'S SIGN.

ENGINEER SIGN.

Irshad J. Quazi
QUAZI ASSOCIATES
 IRSHAD J. QUAZI
 M. TECH STRUCTURE (CIVIL) FIV, AIV
 Govt. Approved Valuer Cat No. 17-2539
 LIC. No. -ADTP/GONDIA/ER/15

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**NAME OF WORK :- PROPOSED CONSTRUCTION OF GODOWN SHED
FOR "ANTARANG FARMER PRODUCER COMPANY LIMITED" SITUATED
AT MOUZA BORDA (GANESHII), GAT NO. 41/1, BLOCK PARSHIONI, DIST.
NAGPUR.
900 MT. & Built up area = 522.00 Sqmt.)
(Capacity**

Sr. No	PARTICULARS	Nos	L(M)	B(M)	H/D(M)	QTY(Cum)	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, ranning, watering, including shoring & strutting as necessary complete.SSR No. 21.01, Page No. 153							
		C.1	26	1.70	1.70	2.40	180.336	
							180.336	
							239	43100.3
							Cum	
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							
		C.1	26	1.60	1.60	0.10	6.656	
	Floor bed		1	13.53	38.58	0.10	52.199	
							58.855	5538
							Cum	325937.5501
3	Providing and laying in situ / Ready Mix cement concrete M20 oftrap /granite /quartzite /gneiss metal for R.C.C. work in foundation slikeraft , strip foundations ,grillage and footing sof R.C.C. column sand stee l stanchions etc.including bailingout water, Steel centering formwork, laying /pumping coverblocks, compaction and curing roughening the surface if special finishiso be provided (Excluding reinforcement and structural steel) etc. complete, withfully automatic micro processor based PLC with SCADA enable dreversible Drum Type mixer/ concrete Batch mixiplant (Panmixer) etc. complete. With fine aggregate (Crushed sand VSI Grade). SSR No. 25.11, Page No. 178							
		26	1.50	1.50	0.30	17.550		
							17.550	
							17.550	710.4
								124675.2

Sr. No	PARTICULARS	Nos	L(M)	B(M)	H/D(M)	QTY(Cum)	RATE	AMOUNT
		2	38.58	0.23	0.90	15.972		
						21.574	7755	167302.8027
						Cum		
7	Providing second class Burnt Brick masonry with conventional /I.S. type brick sincement mortar 1:6 in super structure in cluding striking joints, rakingout joints, watering and scaffolding etc. Complete. Ssr Item No.27.05, Page No. 197							
		2	13.53	0.23	4.50	28.007		
		2	38.58	0.23	4.50	79.861		
						107.868		
						215.735	7994	1724588.79
						Cum		
8	Providing and laying Cast in situ/ Ready Mix cement concrein M20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. coping to plinth or parapet and sill of doors and window smoulded as per detailed drawings or chamfered as approved by the Engineer including steel centering, formwork, coverblocks, laying/ pumping, compacting, curing, finishing an droughening the mispecial finishes to be provide dand curing complete. (Excluding reinforce mentand structural steel), with fully automatic microprocessor based PLC with SCADA enable dreversible Drum Typemixer/ concrete Batch mixplant (Pannixer) 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	38.58	0.23	0.100	1.775		
						2.397	7190	17234.8614
						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	38.58	0.60	313.192		
						313.192	599.00	187602.27
						Cum		
10	Providing internal cement plaster 12 mm 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 . sr Item No. 32.03, Page No. 209							
		2	13.07		4.50	117.630		
		2	38.12		4.50	343.080		
						460.710		

Sr. No	PARTICULARS	Nos	L(M)	B(M)	H/D(M)	QTY(Cum)	RATE	AMOUNT
						Total	Rs.	7226491.57
	MURUM ROAD							
19	Taking the trial pit for roads, alignment, C.D. Works 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	6.00	50.00	0.15	45.000	631	28395.0
						Cum		
20	Taking the trial pit for roads, alignment, C.D. Works 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	6.00	50.00	0.30	90.000	706	63540.0
						Cum		
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 upto depth 1.5 meters. SSR No. 1.06, Page No. 13							
	Murum Road	1	6.00	50.00	0.15	45.000	780	210600
						270.00		
22	Taking the trial pit for roads, alignment, C.D. Works in Hard murum, and Boulders including stacking the excavated material including all lift sand necessary back filling upto depth 3.0 meters. SSR No. 1.06, Page No. 13							
	Murum Road	1	6.00	50.00	0.30	90.000	984	88560
						90.00		
						Total	Rs.	7617586.6

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