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PROPOSED CONSTRUCTION OF SHED AT ARJAPUR

ESTIMATE

*** NAME OF WORK ***

PROPOSED CONSTRUCTION OF SHED AT ARJAPUR
FOR SHRAVANISHREYASI FARMER PRODUCER
COMPANY LTD. ARJAPUR, TQ BILOLI DIST NANDED

ESTIMATE COST :- 2225000.00

APPROVED SBR OF 2071-72

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PROPOSED CONSTRUCTION OF SHED AT ARJAPUR FOR SHRAVANISHREYASI FARMER PRODUCER COMPANY LTD. ARJAPUR, TQ BILOLI DIST NANDED

GENERAL ABSTRACT

(A)	COST OF WORK PORTION	Rs.	1898615.00
(B)	COST OF ROYALTY & Q.C.TESTING CHARGES	Rs.	76774.00
	TOTAL (A+B)	Rs.	1975389.00
	1) ADD 12% FOR GOODS AND SERVICES TAX ON [A]	Rs.	227834.00
	2) ADD 1% FOR LABOUR INSURANCE ON [A]	Rs.	18986.00
	2) ADD FOR CONTEGENCES	Rs.	2791.00
	GRAND TOTAL	Rs.	2225000.00

Kushagra
KUSHAGRA HAWGEER KENCHE
B.E.(CIVIL), PG-PROJECT MANAGEMENT
ENGINEER & CONTRACTOR
BILOLI-431710

PROPOSED CONSTRUCTION OF SHED AT ARJAPUR FOR SHRAVANISHREYASI FARMER PRODUCER COMPANY LTD. ARJAPUR, TQ BILOLI DIST NANDED

ABSTRACT

SR. NO.	DESCRIPTION OF ITEM	QUANTITY	RATE	UNIT	TOTAL AMOUNT
	[A] WORK PORTION.				
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 spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Mechanical Bd.A.1 Page No. 259 SSR OF 2021-22 ITEM NO. 21.02 & PAGE NO.115 BASIC RATE	84.951	200.72	Cu.M.	17051.00
2	Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete. with fully automatic mixer Bd. E. 1 Page No. 287 SSR OF 2021-22 ITEM NO. 24.01 & PAGE NO.131 RATE ANALYSIS	95.736	6106.11	Cu.M.	584575.00
3	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 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 Bd.F.6 Page No. 300 and B.7, Page No.38 SSR OF 2021-22 ITEM NO. 25.5 & PAGE NO.135 RATE ANALYSIS	6.366	12266.79	Cu.M.	78090.00
4	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, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and connection as required complete Bd.F.17, Page No. 306 SSR OF 2021-22 ITEM NO. 26.33 & PAGE NO.139 RATE ANALYSIS	0.509	74771.77	M.T.	38059.00
5	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 Bd.G. 1 Page No. 313 SSR OF 2021-22 ITEM NO. 27.01 & PAGE NO.144 RATE ANALYSIS	10.004	8251.73	Cu.M.	82550.00

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ABSTRACT


SR. NO.	DESCRIPTION OF ITEM	QUANTITY	RATE	UNIT	TOTAL AMOUNT
6	Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15cm. to 20cm. including watering and compaction etc. complete. Bd.A.11 Page No. 263 SSR OF 2021-22 ITEM NO. 21.37 & PAGE NO.117 RATE ANALYSIS	285.449	792.06	Cu.M.	226093.00
7	Providing structural steel work in hollow section of various thickness and sizes in square, rectanular and round shape from 25mm to 450mm section as per IS 4923 YST 310 Grade produced from iron ore and blast furnace route etc. as per detailed designs and drawing or as directed including cutting, fabricating, hoisting, erecting, fixing in position, making riveted/ bolted/ welded connections and painting complete. As directed by Engineer in Charge. SSR OF 2021-22 ITEM NO. 23.12 & PAGE NO.130 BASIC RATE	2.635	106073.76	M.T.	279504.00
8	Providing and fixing corrugated galvanised iron sheets of 0.63mm thick (24 B.W.G.) for roofing without wind tiles including fastening with galvanised iron screws & bolts, lead & bitumen washers as per drawing etc. complete.(Weight of 5.5 ka/sq.m.). Bd.R.5, Page No. 453 SSR OF 2021-22 ITEM NO. 38.04 & PAGE NO.171 BASIC RATE	319.920	848.64	Sq.M.	271497.00
9	Providing and fixing steel frame door of angle 50 x 50 x 6 mm with mild steel bars 16 mm dia. horizontally at 10mm c/c for ventilator portion including iron hold fast boxes for fixing shutters including welding, finishing, painting etc. complete. As directed by Engineer in charge. SSR OF 2021-22 ITEM NO. 39.35 & PAGE NO.182 BASIC RATE	4.320	1940.64	Sq.M.	8384.00
10	Providing and fixing steel frame of angle 40 x 40 x 5 mm size for windows with 16 mm dia. mild steel bars horizontally at 10 cm c/c for ventilator portion and 15 cm c/c for remaining portion with M.S. flat of size 40 x 6 mm vertical at center including iron hold fast boxes for fixing 40 x 6 mm vertical at center including iron hold fast boxes for fixing shutters including welding finishing painting etc. complete. As directed by Engineer in charge SSR OF 2021-22 ITEM NO. 39.34 & PAGE NO.182 BASIC RATE	3.600	2224.56	Sq.M.	8008.00

ABSTRACT

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SR. NO.	DESCRIPTION OF ITEM	QUANTITY	RATE	UNIT	TOTAL AMOUNT
11	<p>Providing and fixing steel window C.R.C. sheet as per I.S. 1513 : 1986, gauge sect. 65 x 40 x 25 mm shutter single sheet of 24 gauge single leaf joined by fusion welding at appropriate points with vertical grooves of 15 mm wide and 15 mm deep at a distance of 45 mm. The first and last rib should be 60 mm away from vertical edge of the shutter. the shutter shall be welded, with angle to from the periphery of the shutter. At the center of the frame there shall be angle welded to bifurcate the frame into segments with two leaf shutter square 12 mm square guard bars at 120 mm</p> <p>As directed by Engineer in charge.</p> <p>SSR OF 2021-22 ITEM NO. 39.21 & PAGE NO.181</p> <p>BASIC RATE</p>	3.060	3992.56	Sq.M.	12217.00
12	<p>Providing internal cement plaster 20mm thick in single coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc. complete.</p> <p>Bd.L.4 Page No. 368</p> <p>SSR OF 2021-22 ITEM NO. 32.07 & PAGE NO.153</p> <p>RATE ANALYSIS</p>	72.000	377.29	Sq.M.	27165.00
13	<p>Providing and laying Rough Shahabad Stone Flooring 25mm to 30mm thick and of required width in plain/ diamond pattern on a bed of 1:6 C.M. including cement float, striking joints, pointing in cement mortar 1:3 curing and cleaning etc. complete</p> <p>Bd.M.1 Page No. 379</p> <p>SSR OF 2021-22 ITEM NO. 33.01 & PAGE NO.156</p> <p>RATE ANALYSIS</p>	356.812	743.87	Sq.M.	265422.00
TOTAL(A) Rs.					1898615.00
[B] Royalty Charges & Testing Charges.					
14	<p>ROYALTY CHARGES :-</p> <p>E DSR ITEM NO. ... & PAGE NO....</p> <p>ROYALTY CHARGES FOR SAND</p> <p>ROYALTY CHARGES FOR OTHER MINERALS</p>	60.560	237.37	Cu.M.	14375.00
		285.450	216.18	Cu.M.	61709.00
15	<p>Laboratory testing charges</p> <p>CONCRETE</p> <p>Compressive strength of C.C.Cube (Set of 3 cubes)</p>	1.000	690.00	No.	690.00
TOTAL(B) Rs.					76774.00
TOTAL(A+B) Rs.					1975389.00

0.00


KUSHAGRA HAWGEER KENCHE
 B.E.(CIVIL), PG-PROJECT MANAGEMENT
 ENGINEER & CONTRACTOR
 BILOLI-431710

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NAME OF WORK- CONSTRUCTION OF TIN SHED FOR RO WATER PLANT AT SHIROL (WA.)
TQ. NILANGA DIST LATUR UNDER 15TH F.C.G.P.LEVEL FOR YEAR 2020-21

MEASUREMENT SHEET.

SR. NO.	DESCRIPTION OF ITEM	NO.	L	B	D	QUANTITY
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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 spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. **(Lift upto 1.5 m.)**
SSR OF 2021-22 ITEM NO. 21.02 & PAGE NO.197
 for pipes

24 X 1.52 X 1.52 X 1.524 = 84.951

TOTAL QUANTITY 84.951
Cu.M.

2. Providing and laying Cast in **situ/Ready Mix cement concrete in M-10** of trap/ granite/ quartzite/ gneiss metal for **foundation and bedding** including bailing out water, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete, **with fully automatic micro processor based PLC with SCADA** enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. **With fine aggregate (Natural Sand / Crushed sand VSI Grade)**
SSR OF 2021-22 ITEM NO. 24.01 & PAGE NO.226
 FOR ROOM
 FOR PIPES

1 X 25.00 X 15.00 X 0.200 = 75.000
 24 X 1.20 X 1.20 X 0.600 = 20.736

TOTAL QUANTITY 95.736
Cu.M.

3. 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 drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compactionand roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. **With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc)**
SSR OF 2021-22 ITEM NO. 25.5 & PAGE NO.234
 FOR BEAM

2 X 25.00 X 0.23 X 0.350 = 4.025
 2 X 14.54 X 0.23 X 0.350 = 2.341

TOTAL QUANTITY 6.366
Cu.M.

MEASUREMENT SHEET.

SR. NO.	DESCRIPTION OF ITEM	NO.	L	B	D	QUANTITY
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4 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, lintels pardis, 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 OF 2021-22 ITEM NO. 26.33 & PAGE NO.245
QUANTITY REQUIRED 80KG/Cu.M. OF RCC...

= 0.509

TOTAL QUANTITY **0.509**
M.T.

5 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 OF 2021-22 ITEM NO. 27.01 & PAGE NO.144
FOR BEAM

2	X	25.00 X	0.23 X	0.550 =	6.325
2	X	14.54 X	0.23 X	0.550 =	3.679

TOTAL QUANTITY **10.004**
Cu.M.

6 Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15cm. to 20cm. including watering and compaction etc. complete.

SSR OF 2021-22 ITEM NO. 21.37 & PAGE NO.117

1 X 24.54 X 14.54 x 0.800 = 285.449

TOTAL QUANTITY **285.449**
M.T.

7 Providing structural steel work in hollow section of various thickness and sizes in square, rectangular and round shape from 25mm to 450mm section as per IS 4923 YST 310 Grade produced from iron ore and blast furnace route etc. as per detailed designs and drawing or as directed including cutting, fabricating, hoisting, erecting, fixing in position, making riveted/ bolted/ welded connections and painting complete

SSR OF 2021-22 ITEM NO. 23.12 & PAGE NO.225
VERTICAL 40X40X5

25*4.00*5.40/1000	=	0.540
25*5.00*15/1000	=	0.675
20*10*15/1000	=	1.388
2*1.00*25/1000	=	0.050
1*1.20*15/1000	=	-0.018

LESS

TOTAL QUANTITY **2.635**
M.T.

MEASUREMENT SHEET.

SR. NO.	DESCRIPTION OF ITEM	NO.	L	B	D	QUANTITY
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	Providing and fixing corrugated galvanised iron sheets of 0.63mm thick (24 B.W.G.) for roofing without wind tiles including fastening with galvanised iron screws & bolts, lead & bitumen washers as per drawing etc. complete. (Weight of 5.5 kg/sq.m) SSR OF 2021-22 ITEM NO. 38.04 & PAGE NO.297					
	ROOF	1	X	25.60 X	3.05	= 78.080
	SIDES	2	X	25.00 X	3.05	= 152.500
		2	X	15.00 X	3.05	= 91.500
	LESS	-1	X	1.20 X	1.80	= -2.160

TOTAL QUANTITY	319.920
	Sq.M.

	Providing and fixing steel frame door of angle 50 x 50 x 6 mm with mild steel bars 16 mm dia. horizontally at 10mm c/c for ventilator portion including iron hold fast boxes for fixing shutters including welding, finishing painting etc. complete SSR OF 2021-22 ITEM NO. 39.35 & PAGE NO.182					
	door	2	X	1.20 X	1.80	= 4.320

TOTAL QUANTITY	4.320
	Sq.M.

	Providing and fixing steel frame of angle 40 x 40 x 5 mm size for windows with 16 mm dia. mild steel bars horizontally at 20 cm c/c for ventilator portion and 15 cm c/c for remaining portion with M.S. flat of size 40 x 6 mm vertical at center including iron hold fast boxes for fixing 40 x 6 mm vertical at center including iron hold fast boxes for fixing shutters including welding finishing painting etc. complete SSR OF 2021-22 ITEM NO. 39.34 & PAGE NO.182					
	door	4	X	1.20 X	0.75	= 3.600

TOTAL QUANTITY	3.600
	Sq.M.

	Providing and fixing steel window C.R.C. sheet as per I.S. 1513 : 1986. gauge sect. 65 x 40 x 25 mm shutter single sheet of 24 gauge single leaf joined by fusion welding at appropriate points with vertical grooves of 15 mm wide and 15 mm deep at a distance of 45 mm. The first and last rib should be 60 mm away from vertical edge of the shutter, the shutter shall be welded, with angle to from the periphery of the shutter. At the center of the frame there shall be angle welded to bifurcate the frame into segments with two leaf shutter square 12 mm square guard bars at 120 mm center with all SSR OF 2021-22 ITEM NO. 39.21 & PAGE NO.181					
	door	1	X	1.20 X	1.80	= 2.160
	win	1	X	1.20 X	0.75	= 0.900

TOTAL QUANTITY	3.060
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MEASUREMENT SHEET.

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SR. NO.	DESCRIPTION OF ITEM	NO.	L	B	D	QUANTITY
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Sq.M.

21 Providing internal **cement plaster 20mm thick in single coats** in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc.complete.
SSR OF 2021-22 ITEM NO. 32.07 & PAGE NO.153
 FOR BEAM

2	X	25.00 X	0.90	=	45.000
2	X	15.00 X	0.90	=	27.000

TOTAL QUANTITY	72.000
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Sq.M.

22 Providing and laying **Rough Shahabad Stone Flooring 25mm to 30mm thick** and of required width in plain/ diamond pattern on a bed of 1:6 C.M. including cement float, setting joints, pointing in cement mortar 1:3 curing and cleaning etc. complete.
SSR OF 2021-22 ITEM NO. 33.01 & PAGE NO.273
 FOR ROOM

1	X	24.54 X	14.54	=	356.812
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TOTAL QUANTITY	356.812
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Sq.M.

23 **ROYALTY CHARGES :-**
E DSR ITEM NO. ... & PAGE NO....

SAND	=		60.560
MURUM	=		285.450
TOTAL QUANTITY			346.010

24 **Laboratory testing charges**
CONCRETE
 Compressive strength of C.C.Cube (Set of 3 cubes)

1	No.	=	1.000
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TOTAL QUANTITY	1.000
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0.00

(277)

PROPOSED CONSTRUCTION OF SHED AT ARJAPUR FOR SHRAVANISHREYASI FARMER PRODUCER COMPANY LTD. ARJAPUR, TQ BILOLI DIST NANDED

RATE ANALYSIS.

SR.N O.	DESCRIPTION OF ITEM	QTY.	NET LEAD CHARGES	RATE
1	Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand MFT Grade)			
	BASIC RATE AS PER SSR OF 2021-22 ITEM NO. 24.01 & PAGE NO.131			5538.00
	DEDUCT Rs. 120.00 FOR NON SCADA			-120.00
	ADD 4% FOR MUNICIPAL COUNCIL AREA			221.52
	ADD LEAD CHARGES FOR CEMENT	0.22000	122.65	26.98
	ADD LEAD CHARGES FOR SAND	0.47000	299.83	140.92
	ADD LEAD CHARGES FOR CR METAL	0.24000	272.49	65.40
	ADD LEAD CHARGES FOR 40MM METAL CB	0.70000	261.13	182.79
	@ADD DIFF.COST FOR SAND	0.47000	110.00	51.70
	@DEDUCT DIFF.COST FOR 20MM METAL	0.24000	5.00	-1.20
	@DEDUCT DIFF.COST FOR 12MM METAL	0.00000	5.00	0.00
	TOTAL RATE Rs.			6106.11 PerCu.M.
2	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 drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compactionand roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand MFT Grade)			
	BASIC RATE AS PER SSR OF 2021-22 ITEM NO. 25.5 & PAGE NO.135			11483.00
	DEDUCT Rs. 120.00 FOR NON SCADA			-120.00
	ADD 4% FOR MUNICIPAL COUNCIL AREA			459.32
	ADD LEAD CHARGES FOR CEMENT	0.35000	122.65	42.93
	ADD LEAD CHARGES FOR SAND	0.42500	299.83	127.43
	ADD LEAD CHARGES FOR CR METAL	0.85000	272.49	231.61
	@ADD DIFF.COST FOR SAND	0.42500	110.00	46.75
	@DEDUCT DIFF.COST FOR 20MM METAL	0.57000	5.00	-2.85
	@DEDUCT DIFF.COST FOR 12MM METAL	0.28000	5.00	-1.40
	TOTAL RATE Rs.			12266.79 PerCu.M.
3	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, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and suvation as required complete			
	26.33 & PAGE NO.139			71778.00
	ADD LEAD CHARGES FOR STEEL	1.00000	122.65	122.65
	ADD 4% FOR MUNICIPAL COUNCIL AREA			2871.12

RATE ANALYSIS.

SR.N O.	DESCRIPTION OF ITEM	QTY.	NET LEAD CHARGES	RATE
		TOTAL RATE Rs. 74771.77 PerM.T.		
4	Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15cm. to 20cm. including watering and compaction etc. complete. BASIC RATE AS PER SSR OF 2021-22 ITEM NO. 21.37 & PAGE NO.117			550.00
	ADD LEAD CHARGES FOR MURUM-HARD	1.00000	220.06	220.06
	ADD 4% FOR MUNICIPAL COUNCIL AREA			22.00
		TOTAL RATE Rs. 792.06 PerCu.M.		
5	Providing and laying Rough Shahabad Stone Flooring 25mm to 30mm thick and of required width in plain/ diamond pattern on a bed of 1:6 C.M. including cement float, striking joints, pointing in cement mortar 1:3 curing and cleaning etc. complete. 33.01 & PAGE NO.156			694.00
	ADD 4% FOR MUNICIPAL COUNCIL AREA			27.76
	ADD LEAD CHARGES FOR CEMENT	0.00675	122.65	0.83
	ADD LEAD CHARGES FOR SAND	0.02200	299.83	6.60
	ADD LEAD CHARGES FOR RSS FLOORING	1.00000	12.26	12.26
	@ADD DIFF.COST FOR SAND	0.02200	110.00	2.42
		TOTAL RATE Rs. 743.87 PerSq.M.		
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. BASIC RATE AS PER SSR OF 2021-22 ITEM NO. 27.01 & PAGE NO.144			7343.00
	ADD 4% FOR MUNICIPAL COUNCIL AREA			293.72
	ADD LEAD CHARGES FOR CEMENT	0.07900	122.65	9.69
	ADD LEAD CHARGES FOR SAND	0.32000	299.83	95.95
	ADD LEAD CHARGES FOR BRICKS	0.47500	998.26	474.17
	@ADD DIFF.COST FOR SAND	0.32000	110.00	35.20
		TOTAL RATE Rs. 8251.73 PerCu.M.		
7	Providing internal cement plaster 20mm thick in single coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc.complete. BASIC RATE AS PER SSR OF 2021-22 ITEM NO. 32.07 & PAGE NO.153			366.00
	ADD 4% FOR MUNICIPAL COUNCIL AREA			14.64
	ADD LEAD CHARGES FOR CEMENT	0.00850	122.65	1.04
	ADD LEAD CHARGES FOR SAND	0.02500	299.83	7.50
	@ADD DIFF.COST FOR SAND	0.02500	110.00	2.75
		TOTAL RATE Rs. 377.29 PerSq.M.		
8	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 spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Mechanical Means			

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RATE ANALYSIS.

SR.N O.	DESCRIPTION OF ITEM	QTY.	NET LEAD CHARGES	RATE
				193.00
	ADD 4% FOR MUNICIPAL COUNCIL AREA			7.72
			TOTAL RATE Rs.	200.72 PerSq.M.
9	Providing structural steel work in hollow section of various thickness and sizes in square, rectangular and round shape from 25mm to 450mm section as per IS 4923 YST 310 Grade produced from iron ore and blast furnace route etc. as per detailed designs and drawing or as directed including cutting, fabricating, hoisting, erecting, fixing in position, making riveted/ bolted/ welded connections and painting complete.			101994.00
	ADD 4% FOR MUNICIPAL COUNCIL AREA			4079.76
			TOTAL RATE Rs.	106073.76 PerSq.M.
10	Providing and fixing corrugated galvanised iron sheets of 0.63mm thick (24 B.W.G.) for roofing without wind tiles including fastening with galvanised iron screws & bolts, lead & bitumen washers as per drawing etc. complete. (Weight of 5.5 kn/sq.m.).			816.00
	ADD 4% FOR MUNICIPAL COUNCIL AREA			32.64
			TOTAL RATE Rs.	848.64 PerSq.M.
11	Providing and fixing steel frame door of angle 50 x 50 x 6 mm with mild steel bars 16 mm dia. horizontally at 10mm c/c for ventilator portion including iron hold fast boxes for fixing shutters including welding, finishing, painting etc. complete.			1866.00
	ADD 4% FOR MUNICIPAL COUNCIL AREA			74.64
			TOTAL RATE Rs.	1940.64 PerSq.M.
12	Providing and fixing steel frame of angle 40 x 40 x 6 mm size for windows with 16 mm dia. mild steel bars horizontally at 10 cm c/c for ventilator portion and 15 cm c/c for remaining portion with M.S. flat of size 40 x 6 mm vertical at center including iron hold fast boxes for fixing 40 x 6 mm vertical at center including iron hold fast boxes for fixing shutters including welding finishing painting etc. complete.			2139.00
	ADD 4% FOR MUNICIPAL COUNCIL AREA			85.56
			TOTAL RATE Rs.	2224.56 PerSq.M.
13	Providing and fixing steel window C.R.C. sheet as per I.S. 1513 : 1986. gauge sect. 65 x 40 x 25 mm shutter single sheet of 24 gauge single leaf joined by fusion welding at appropriate points with vertical grooves of 15 mm wide and 15 mm deep at a distance of 45 mm. The first and last rib should be 60 mm away from vertical edge of the shutter. the shutter shall be welded, with angle to from the periphery of the shutter. At the center of the frame there shall be angle welded to bifurcate the frame into segments with two leaf shutter square 12 mm square guard bars at 120			3839.00
	ADD 4% FOR MUNICIPAL COUNCIL AREA			153.56

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RATE ANALYSIS.

SR.N O.	DESCRIPTION OF ITEM	QTY.	NET LEAD CHARGES	RATE
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TOTAL RATE Rs. 3992.56 PerSq.M.

0

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PROPOSED CONSTRUCTION OF SHED AT ARJAPUR FOR SHRAVANISHREYASI FARMER PRODUCER COMPANY LTD. ARJAPUR, TQ BILOLI DIST NANDED

DIFF.COST OF MATERIAL

SR. NO.	MATERIAL	RATE AS PER SSR OF 2021-22	MARKET RATE	EXCESS	LESS	REMARKS/ EFFECTIVE DATE
1	SAND	1575.00	1685.00	110.00	0.00	Rate As On
2	20MM METAL	996.00	991.00	0.00	5.00	Rate As On
3	12MM METAL	996.00	991.00	0.00	5.00	Rate As On

0


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PROPOSED CONSTRUCTION OF SHED AT ARJAPUR FOR SHRAVANISHREYASI FARMER PRODUCER COMPANY LTD. ARJAPUR, TQ BILOLI DIST NANDED

LEAD CHART

SRL N O.	MATERIAL	TYPE OF MATERIAL	LOCATION OF QUARRY	LEAD IN KM.	LEAD CHARGES	INITIAL LEAD CHARGES	NET LEAD CHARGES.
1	CEMENT	MANUAL	BILOLI	3.00	122.65	0.00	122.65
2	SAND	MACHINE	YESAGI	10.00	299.83	0.00	299.83
3	CR METAL	MACHINE	KONDLAPUR	8.00	272.49	0.00	272.49
4	4MM METAL CB	MACHINE	KONDLAPUR	8.00	261.13	0.00	261.13
5	STEEL	MANUAL	BILOLI	3.00	122.65	0.00	122.65
6	MURUM-HARD	MACHINE	LOCAL	2.00	220.06	0.00	220.06
7	PSS FLOORING	MANUAL	BILOLI	3.00	12.26	0.00	12.26
8	BRICKS	MANUAL	CHIRLI	20.00	998.26	0.00	998.26

0


KUSHAGRA HAWGEER KENCHE
B.E.(CIVIL), PG-PROJECT MANAGEMENT
ENGINEER & CONTRACTOR
BILOLI-431710

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PROPOSED CONSTRUCTION OF SHED AT ARJAPUR FOR SHRAVANISHREYASI FARMER PRODUCER COMPANY LTD. ARJAPUR, TQ BILOLI DIST NANDED

ROYALTY STATEMENT

1	2	Quantity	UNIT	NATURAL SAND		OTHER MINERALS	
				Factor	Qty.	Factor	Qty.
		3	4	5	6	7	8
	Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water,	95.736	Cu.M.	0.47000	45.000		
	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	6.366	Cu.M.	0.42500	2.710		
	Filling in plinth and floors with contractors material/ brought from outside and approved by Engineer in layers of 15cm. to 20cm. including watering	285.449	Cu.M.			1.00000	285.450
	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	10,004	Cu.M.	0.32000	3.200		
	Providing internal cement plaster 20mm thick in single coats in cement mortar 1:4 without neeru finish, to concrete, brick surfaces in all positions including scaffolding and curing	72.000	Cu.M.	0.02500	1.800		
	Providing and laying Rough Shahabad Stone Flooring 25mm to 30mm thick and of required width in plain/ diamond pattern on a bed of 1:6 C.M. including cement float,	356.812	Cu.M.	0.02200	7.850		

Total Qty. in Cubic Metre:	60.560	285.450
Rate INR.	237.370	216.180
Total Amount INR.	14375.000	61709.000
Grand Total Amount INR.	76084.000	

Notes:

- Royalty charges for Natural Sand. Rate inclusive of surcharges of 2% + Mineral Foundation 10% [211.94 + 4.24 + 21.19 = 237.37]
- Royalty charges for Other Minerals. Rate inclusive of surcharges of 2% = [211.94 + 4.24 = 216.18]

0.00

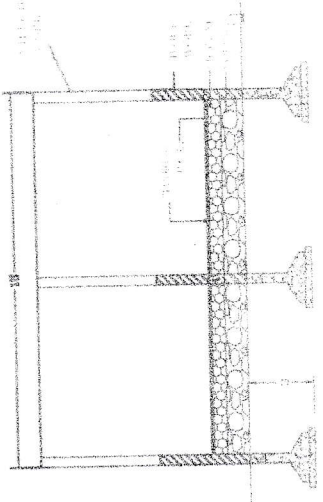
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KUSHAGRA HAWGEER KENCHÉ
B.E./CIVIL PG-PROJECT MANAGEMENT
ENGINEER & CONTRACTOR
BILOLI-431710

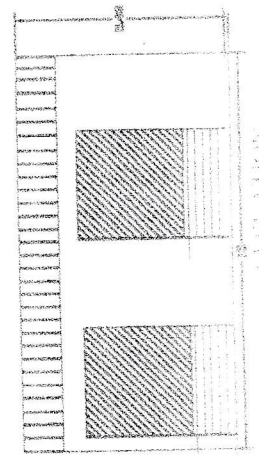
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ALL THE CONSTRUCTIONS
AS PER THE DRAWINGS
ARE TO BE DONE AS PER
THE SPECIFICATIONS
MENTIONED THEREIN.

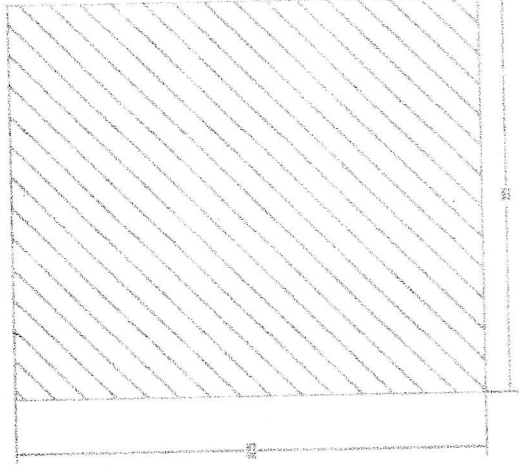
Sl. No.	Description	Quantity	Unit	Rate	Total
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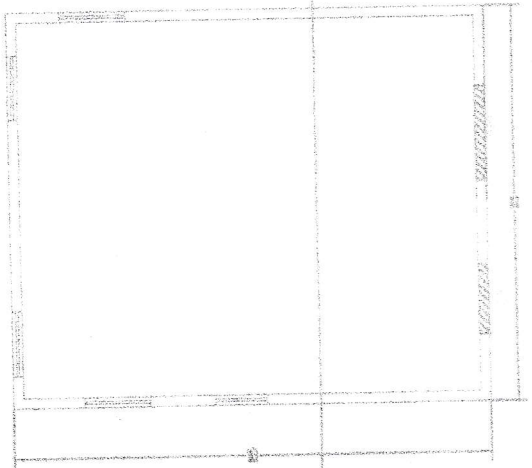
SECTIONAL ELEVATION



ELEVATION



BLOCK PLAN



G.F. PLAN



AREA STATEMENT		AREA SOM
S.N.	DESCRIPTION	375
1.	PLOT AREA	375
2.	B.U AREA	375

DOORS & WINDOWS		NO
S.N.	DESCRIPTION	NO
1.	ROLLING SHUTTER	3.00X2.10
2.	DOOR-D	0.91X2.10
3.	DOOR-D1	0.75X2.10
5.	WINDOW-W	0.75X1.20
6.	VENTILATOR	0.45X0.60

I N D E X	
1.	FLOORING
2.	WATER LINE
3.	WATER LINE
4.	DRAINAGE LINE

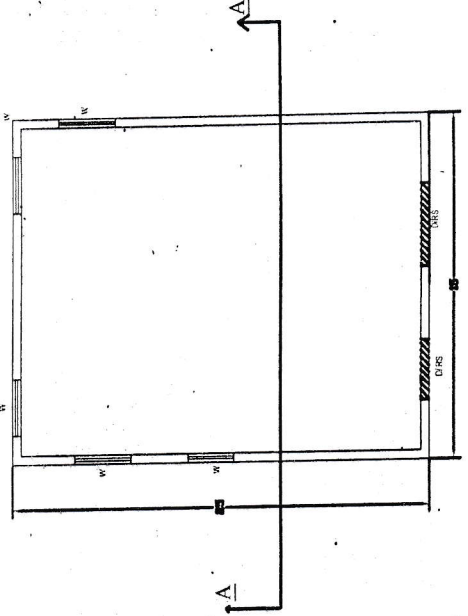
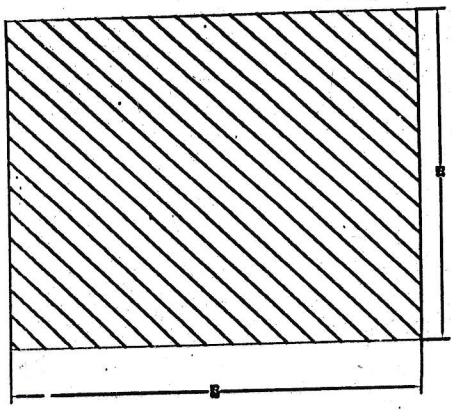
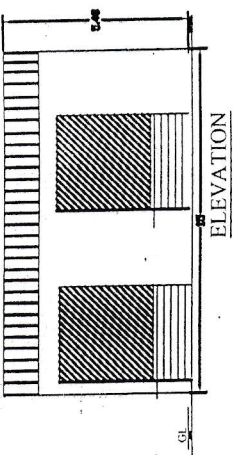
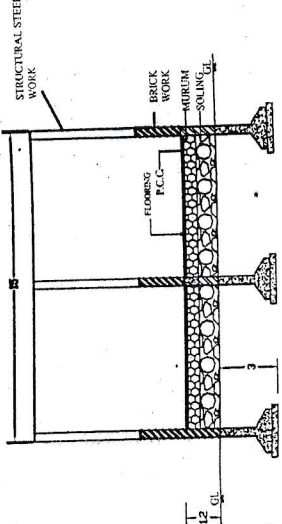
PROPOSED CONSTRUCTION OF SHED AT AS/APUR

OWNER - SHEKARANSHREYASH FARMER
PRODUCER COMPANY LIMITED
ASAPUR, TQ BILGULDIST, ANAND

ALL DIMENSIONS ARE IN METRE

KENCHE CONSTRUCTIONS & ENGINEERING SERVICES

BE CIVIL - PG-PROJECT MANAGEMENT
OFFICE - NEAR NP SCHOOL, BILOLI
CONTACT NO. - 70388 36659



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KUSHAJARA HANVEER KJ NICHE
BE (CIVIL) PG-PROJECT MANAGER
ENGINEER & CONTRACTOR
BILOLI-431710