

**Name of Work: Construction of Isolation unit for Monkey Sterilization Centre at, BAUL UNA
in Una Dist. Under Una Forest Division during 2009-10.**

S. N.	Name of Items	No.	L	B	H/D	Qty.	Rate	Unit	Amount	
1	2	3	4	5	6	7	8	9	10	
1	Bush cutting & clearance per head load of 30 kg ,as per S.R. D/Sala Forest Circle.	-							Ref. seprate estimate	
2	Cutting in earth work as per S.R.								Ref. seprate estimate	
3	Excavation in foundation trenches etc in earth work lift upto 1.50 m. stacking the excavated soil not more the 3 m. clear from the edge of excavation and returning the stacked soil in 15 cm layers into plinth sides of foundation etc. consolidating and raming as per S.R.									
	Long wall	2	5.20	0.60	0.40	2.50m3				
	Short wall	2	3.00	0.60	0.40	1.44m3				
						Total	3.94m3	89.75	pm3	353.62
	Stone =2m ³									
4	Stone solling 15cm thick as per S.R.	1	4	3	0.15	1.80m3	58.80		105.84	
5	C.C. 1:6:12 in foundation and under floor as per S.R.									
	Foundation L.W.	2	5.20	0.60	0.15	0.94m3				
	Foundation S.W.	2	3.00	0.60	0.15	0.54m3				
	Under floor	1	4.00	3.00	0.15	1.80m3				
						Total	3.28m3			
	cements=8beg's, sand=1.64m3, ballast40mm 3.28m3							224.6	pm3	736.69
6	R R Stone masonry in foundation and plinthin c.m 1:6 as per S.R.							B	F	1551.75
	Stone/3.60m3,cament/5-48, Sand/1.15									
	1) Longs walls	2	5.00	0.40	0.50	2.00m3				
	2)Short wall	2	,3-20	0.40	0.50	1.28m3				
						Total	3.28m3	365.20	pm ³	1197.86
7	cement plaster 20m thick on walls cament/0.72 Sand/0.10m3									
	Long walls	2	5		0.25	2.50m3				
	Short walls	2	4		0.25	2.00m3				
	cement/0.72 sand/0.0.10									
						Total	4.50m2	26.80	pm3	120.60
8)	plain C.C. on walls 5cm thick 1:3:6									
	cement/1.50, sand/0.16, ballast/0.31.									
	Long walls	2	5.00	0.40	0.05	0.20m3				
	Short walls	2	3.20	0.40	0.05	0.13m3				
						Total	0.33m3	254.40	pm3	83.95
9)	C.C. flooring 4cm thick in 1:2:4 as par S.R.	1	5.00	4.00		20.00m2	31.90	pm2	638.00	
	Cement/6.50, Sand/0.45, Ballast/0.90									
10)	Steel work welded in built of sections in super structure partition & truss work of chanell 75x40 @6-80 kg/rmt									
	vert. Poles short sides & corners	6	3.00			18.00	rmt			
	long side middle	2	3.50			7.00	rmt			
	middle left & right	4	3.25			13.00	rmt			
	ties bottom middle top	3	2(4+5)			54.00	rmt			
	Raffters	3x2	2.60			15.60	rmt			
	Ridge and middle roof in cross	3	4.00			12.00	rmt			
	Steel 8.13.qtl									
						Total	119.60	rmt		
							8.13	Qtl	A	
11)	Purlins on trusses with 50x50x5mm anglelron. @3.80kg/m	6	4.00			24	Rmt			
	steel/0-91Qtl				or	0.91	Qrt		B	
12)	Fizing/ Welding black sheet over chanell frame work on superstructure									
	long sides	2	5		2.6	26m2				
	Short sides	2	4		2.5	20m2				
						Total	46.00m2			
	@3.10 kg/m2						1.43Qtl		C	

	steel/1.43Qtl								
	net Steel	Qty	a+b-c		Total	10.47	1000/-m.	Pqtl	10,470.00
13)	C.G.I Sheet roofing as per S.R. Complete	1	4.60	2.60		11.96	13.80	pm2	165.05
	C.G.I.Sheet 10' long=5 Nos								
14)	Fixing locking & opening doors & widows system including welded wire mesh & frame work of required Iron sizes on same portion & black sheet surface							L.S.	4000
	sheet/0.25, Welded wire mesh=1.sqmt								
15)	Priming with red lead red oxide metal priming as per S.R.								
	qty. as per item No. 13				46m2				
	qty. as per item No. 14				12m2				
	double side				Total	58.00m2			
	metal primer/8Litre					116.00m	5/-	pm2	580.00
16)	Painting over steel surfaces								
	Qty. as per item No.16					116.00m	8.90	pm2	1032.40
	paint /16Ltr								
17)	Inter link chair 50x50 mm mesh over half portion open to sky with flat iron patti & nuts & bolts etc..	1	4.60	2.60		11-96m2	6.20	pm2	74.15
	I/L chain=12 sqmt flat iron patti=30 kg								
18)	Fixing of steel poles in c.c. bloks in walls 40x40x50cm	12				12	5.00	each	60.00
19)	laying c.c.1:3:6 in c.c blocks for anchorage of channel poles for frame work	12	0.4	0.4	0.5	0.96m3	224.6	pm3	215.62
	Cement/4.32bags, Sand/0.45m3, Ballast/0.90m3								
20)	Fixing sunmica and hard board as per item no.20 Sunmyka=24.20m ²					24.20m ²	20	pm ²	484.00
21)	P/F floor trap of fonolex plastic pipe 3" dia for cleaning waste water disposal	2				2Nos	29.3		58.60
	F- Trops /2Nos								
22)	Laying fixing waste water pipe for disposal of waste water - 3" dia finolex pipe-		40rnt			40rnt	10/-	ernt	400.00
	Finolex pipe 3"dia/40rnt								
23)	fixing plaini door & other bends 3"	3				3Nos	7.2	Each	21.60
	bends/3Nos								
24)	G I pipe for water supply i/c trenching & laying filling complete		50rnt			50rnt	13.2	Each	660.00
	G I pipe / 50rnt								
25)	fixing taps stop cacils etc.					20Nos	3.5	Each	7.00
								Total	23016.73
									19179.84
									Add 83.33% increase on labour Rs19029.45
								G.Total	42196.57
								Or say Rs	42,200/-

ABSTRACT OF COST OF MATERIAL FOR ISOLATION UNIT AT BAUL UNA

Item					
No.	Description of items	Qty.	Rate	Unit	Amount
1	2	3	4	5	6
1	Cost and carriage of cement	27bags	310	p bags	8370.00
2	Cost and carriage of sand	3.95m ³	650/-	p m ³	2568.00
3	Cost and carriage of stone ballast 40mm	3.28m ³	975/-	p m ³	3198.00
4	Cost and carriage of stone ballast 20mm	2.11m ³	1000/-	p m ³	2010.00
5	Cost and carriage of Stone	5.60m ³	500/-	p m ³	2800.00
6	Cost and carriage of steel	11.00Qtl	5500/-	p Qtl	60500.00
7	Cost and carriage of C G I	5. Nos	1200/-	Each	6000.00
8	Cost & carriage of finolex/ Diplast pipes-10 cmdia	6Rmt	200/-	prmt	1200.00
9	Cost and carriage of traps Dplast/ finolux.	5. Nos	150/-	Each	750.00
10	Cost and carriage of G.I.pipe 15mm dia	8 lengths	500/-	Each	4000.00
11	Cost of taps, cocks etc G.I. pipe fittings			L.S.	2000.00
12	Cost and carriage of I/L Chain 50x50mm mesh	12 sqm	500/-	p m2	6000.00
13	Cost and carriage of Paint .	16 ltr	175/-	Ltr	2800.00
14	Cost and carriage of primer.	8 ltr	120/-	Ltr	960.00
15	Cost and carriage of G.I. fittings,bends etc.			L.S.	1500.00
				Total	104656.00
				Add 5% for hike in market rates	5234.80
				G. Total	109890.80
				Or Say Rs	1,10,000/-only