

## Semi Permanent Shelter (SPS)

**16' 0" x 12' 0" carpet area, Foundation at 2' depth, Containment reinforcement from floor level to Wall top level**

Itemn No.	Description	size	unit	Quantity	Rate/ Unit	Total
<b>A</b>	<b>Materials</b>					
1	Stone for walls including foundation, plinth and buttresses - <b>See under labor cost</b>	Random Rubble	Chatta or 125cft.	6.0	0	0
2	Round timber or <i>ballis</i>	3"-4" dia. - 12'	No.	24.0	145	3,480
3	Timber for purlins - 4 on both sides	2" x 2" - 7' long	No.	24.0	145	3,480
4	Timber for doors, windows etc.	2"x1.5" - 7' long	No.	12.0	80	960
5	GI sheet for cladding	3'x10'-24ga - 6	Kg.	77.0	64	4,928
6	CGI sheets for roof and partition	3'x10' - 24 ga. 15 nos. or 4'x10'-24 ga - 11 nos.	No.	15.0	1,005	15,075
7	J bolts with nuts and <b>flat</b> metal washer - along periphery - top & bottom 8 each, edges 2 each on each side of roof	3" - 40 nos.	Kg.	4.0	80	320
8	Nails	4"	Kg.	2.0	60	120
9	Nails	2.5"	Kg.	2.0	60	120
10	Nails	2"	Kg.	1.0	60	60
11	Nails for metal strap	1.5"	Kg.	2.0	60	120
12	Metal strap (Packaging - High Carbon Steel)	1/2" - 3/4"	Kg.	5.0	100	500
13	GI wires	14 ga.	Kg.	8.0	100	800
14	Washers - rubber	For J bolt & Nail	Packet	2.0	30	60
15	Washers - metal - small for 2.5" nails	For 2" nail	Kg.	0.5	80	40
16	Door fittings - Qty. 2	2'-6" x 6'	No.	2.0	125	250

17	Window Fittings - Qty. 1	2'-6" x 2'	No.	1.0	40	40
18	Mosquito netting - metal wire	2.5'x10'	sq.ft.	25.0	8	200
19	Cement for pointing on outer face	Bag	Bag	1.0	390	390
20	Sand		Cu.ft	6.0	80	480
21	Polyethylene sheet floor moisture barrier and timber column wrapping		sqft	235.2	3	588
22	Coal-tar		Kg.	1.0	30	30
	<b>Material subtotal</b>					<b>32,041</b>
<b>B</b>	<b>Labour</b>					
23	Mason - 4 Nos.	5 days	Manday	20.0	500.0	10,000
24	Labour for masonry - 2 Nos.	5 days	Manday	10.0	300.0	3,000
25	Carpenter - 2 Nos.	4 days	Manday	8.0	500.0	4,000
26	Labour for carpentry - 1 Nos.	4 days	Manday	4.0	300.0	1,200
27	Site leveling and clearing		Manday	2.0	350.0	700
28	Stone breaking and carting		Manday	108.0	250.0	27,000
						<b>45,900</b>
<b>C</b>	<b>Transport &amp; Carting</b>					
29	Transportation of non-local materials to road-head				LS	3,000
30	Transport from highway to roadhead				LS	1,000
31	Carting from road-head to site of non-local materials				LS	4,000
						<b>8,000</b>
	<b>Total including transport &amp; carting for 3.0' high walls, 2" deep foundation and containment reinforcement from floor level</b>					<b>85,941</b>
	<b>Overheads of implementing agency</b>					<b>10,000</b>
	<b>Total cost</b>					<b>95,941</b>
	<b>Rounded off cost</b>					<b>96,000</b>