

## ANNEXURE II: QUANTITY ESTIMATES

### 1 BUS SHELTER

**Table 1: Requirement of Materials**

Sl. No.	Materials	Ordinary Soil	Difficult Soil sbc - 10T/M <sup>2</sup>
1	Cement	52Bags or 2.56 MT	59 Bags or 2.94 MT
2	Steel		
	6mm MS	28 Kgs.	28 Kgs.
	8mm RTS	150 Kgs	185 Kgs
	10mm RTS	67 Kgs.	200 Kgs.
3	Country Bricks		
	8 <sup>3</sup> / <sub>4</sub> " * 4 <sup>1</sup> / <sub>4</sub> " * 2 <sup>3</sup> / <sub>4</sub> "	4562 Nos.	5224 Nos.
4	40mm ISS size HBG Metal	4.26 cum	2.03 cum
5	20mm ISS size HBG Metal	2.07 cum	3.74 cum
6	10-12mm ISS Size	0.25 cum	0.25 cum
	HBG Metal		
7	Sand for Mortar and filling	7.72 cum	11.72 cum
8	RCC Jali 1.20 * 1.20m	3 Nos.	3 Nos.
9	Pressed Tiles of size (20 * 20 * 2 cm)	386 Nos.	386 Nos.

Source: Technical Guide, Directorate of Rural Development ( DRD) 2001.

**2 DWELLING UNIT (TYPE-I)****Table 2 Requirement of Materials**

Sl. No.	Materials	Ordinary soil	Difficult soil sbc - 10T /M <sup>2</sup>
1	Cement	66 Bags or 3.28 MT	70 Bags or 3.50 MT
2	Steel		
	6mm MS	25 Kgs	46 Kgs
	8mm RTS	170 Kgs	170 Kgs
	10mm RTS	48 Kgs	105 Kgs
3	Country Bricks (8 <sup>3/4</sup> " * 4 <sup>1/4</sup> " * 2 <sup>3/4</sup> ")	6992 Nos.	7523 Nos.
4	40mm ISS size HBG Metal	3.22 cum	3.22 cum
5	20mm ISS size HBG Metal	2.71 cum	3.11 cum
6	10-12mm ISS Size (HBG Metal)	0.34 cum	0.34 cum
7	Sand for Mortar and filling	10.50 cum	16.70 cum
8	Steel Door Size 0.90 * 2.00m (Single Leaf)	1 No.	1 No.
	Steel Door Size 0.75 * 1.80m (Single Leaf)	1 No.	1 No.
	RCC Jali (0.60 * 0.90m)	4Nos.	1 No.
	RCC Jali (0.60 * 0.45m)	1 No.	1 No.
Source: Technical Guide, Directorate of Rural Development ( DRD) 2001.			

### 3 C.R.S.P INDIVIDUAL HOUSE HOLD LATRINES

**Table 3 Requirement of Materials**

Sl. No	Materials	Quantity soil
1	Cement	8 Bags or 0.38 MT
2	Steel 8 mm MS	33. Kgs
3	Country Bricks 8 1/4" x 4 1/4" x 2 1/4"	1106 Nos.
3	40 mm ISS size HBG Mattel	0.37 cum
4	40 mm ISS size HBG Mattel	0.00 cum
5	10-12 mms ISS size HBG Mattel	0.22 cum
6	Sand for Mortar and filling	1.46 cum
7	Steel Door (Single leaf) 0.75 x 1.8 Meter	1 No
8	RCC Jali 0.60 x 0.45M	1 No
9	Indian Water Closer pan with 'P' Trap etc.	1 No

Source: Technical Guide, Directorate of Rural Development ( DRD) 2001.

### 4 NOON MEAL/CHILD CARE CENTRE

**Table 4 Requirement of Materials**

Sl. No.	Materials	Ordinary soil	Difficult soil SBC - 10T/M <sup>2</sup>
1	Cement	144 Bags or 7.97 MT	160 Bags or 7.97 MT
2	Steel		
	6mm MS	37 Kgs	37 Kgs
	8mm RTS	437 Kgs	508 Kgs
	10mm RTS	111 Kgs	368 Kgs
3	Country Bricks		
	8 3/4 " * 4 1/4" * 2 3/4"	14538 Nos.	15968 Nos.
4	40mm ISS size HBG Metal	9.87 cum	5.14 cum
5	20mm ISS size HBG Metal	5.12 cum	8.64 cum
6	10-12mm ISS Size (HBG Metal)	1.103 cum	1.103 cum
7	Pressed Tiles (20cms*20cms*20mm)	845 Nos.	845 Nos.
8	Sand for Mortar and filling	23.85 cum	36.46 cum
9	Steel Windows (Two leaves) 0.90*1.30m	2 No.	2 No.
10	Steel Door (Single leaf) (0.90 * 2.10m)	2 No.	2 No.
11	Steel glazed Ventilators(0.90 * 0.45) (N type fixed)	2 Nos.	2 Nos.
12	R.C.C. Jali 1.50 * 1.30m	2 Nos.	2 Nos.
13	Brick Jelly of 200mm size	3.06 cum	3.06 cum

Source: Technical Guide, Directorate of Rural Development ( DRD) 2001

**5 COMMUNITY HALL****Table 5: Requirement of Materials**

<b>Sl. No</b>	<b>Materials</b>	<b>Ordinary Soil</b>
1.	Cement	1781 Bags or 89.04 MT
2.	Steel 6mm MS 8mm MS 10mm MS 12mm MS 16mm MS 20mm MS 25mm MS	540 Kgs 4325 Kgs 745 Kgs 3095 Kgs 3390 Kgs 470 Kgs 850 Kgs
3.	Country Bricks (8 <sup>3/4</sup> " * 4 <sup>1/4</sup> " * 2 <sup>3/4</sup> " )	53800 Nos
4.	40mm ISS Size HBG Metal	37.01 cum
5.	20 mm ISS Size HBG Metal	155.63 cum
6.	Pressed Tiles (20 cm x 20 cm x 20mm)	4760 Nos.
7.	Sand for Mortar and filling	200.27 M <sup>3</sup>
8.	Steel Door ( Two Leaves)( 1.80x2.1M) Galvanized Steel Door Frame with Practical Board Shutters	3Nos
9.	Steel Window with 18 gauge MS Sheet shutter and 12mm square MS bars ( 3 leaves) (1.50 x 1.30m)	23 Nos
10.	Steel Door (Two leaves) (0.75 x 2.10m)	8Nos
11.	Steel Doors (Single leaf)(0.90 x 2.10 m) 18GMS Sheet Shutter)	5 Nos
12.	Steel window glazed shutter ( 3 leaves) (1.20 x 1.30) 12 mm Sq MS Bars	5 Nos
13.	Steel Glazed Ventilator N Type ( 0.90 x 0.45m)	22 Nos.
14.	Steel Glazed Ventilator N Type ( 0.60x 0.45 m)	4 Nos
15.	RCC Jali (fixed Type) (1.80x 2.10m)	2 Nos
16.	Collapsible gate ( 1.80 x2.10 m)	2 Nos
17.	10-12 mm ISS size HBG Metal	6.93 cum.
18.	Brick Jelly of 20mm size	20.25 cum
19.	Glazed Tiles (White)	2115 Nos.
20.	Ceramic Tiles	330 Nos.
21.	Floor Tiles	9735 Nos.
Source: Technical Guide, Directorate of Rural Development, 2001.		

**6 TV ROOM****Table & Requirement of Materials**

<b>Sl. No</b>	<b>Materials</b>	<b>Ordinary Soil</b>	<b>Difficult Soil</b>
1	Cement	24 Bags of 1.20 MT	27 Bags or 1.33 Mt
2	Steel 6mm MS 8mm RTS 10mm RTS	25 Kgs. 35 Kgs. 30 Kgs.	25 Kgs. 50 Kgs. 100 Kgs.
3	Country Bricks (8 3/4" x 4 1/4" x 2 3/4" )	2619 Nos	2619 Nos
4	40mm ISS size HBG Metal	1.76 cum	0.76 cum
5	20mm ISS size HBG Metal	0.80 cum	1.55 cum
6	10-12mm ISS size HBG Metal	0.10 cum	0.10 cum
7	Sand for Mortar and filling	3.64 cum	5.22 cum
8	Steel Door (Single leaf) 0.90 x 2.10 m	1 No	1.No
9	Steel Windows (Sliding Type) ( 0.90 x 0.75)	1 Nos	1 Nos
10	Pressed Tiles of size (20 x20x 2cm)	158 Nos	158 Nos
Source: Technical Guide, Directorate of Rural Development ( DRD) 2001			

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