

## Detailed Estimate

**OD/365/3490/120098/389168/00014279 : COMPLETION OF COMMUNITY HALL NEAR BANKISOLE GP**

**Block : Baripada, Panchayat : Bankisole**

**Created By: BHIM CHARAN TUDU**

<b>1. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>								
Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	vr wall	1.000	19.000	1.250	0.500	0.000	11.875	-
ii	inside	1.000	17.160	5.000	1.500	0.000	128.700	-
Total Quantity					140.575 Cft (Cubic Foot)		3.98063416 Cum (Cubic Meter)	
Amount					3.98063416 X 1228.056172		4888.44	
<b>2. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>								
Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, rramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	vr wall	1.000	19.000	1.250	0.500	0.000	11.875	-
ii	vr inside	1.000	17.160	5.000	0.330	0.000	28.314	-
Total Quantity					40.189 Cft (Cubic Foot)		1.1380238752 Cum (Cubic Meter)	
Amount					1.1380238752 X 5920.59946872		6737.78	
<b>3. Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside)</b>								
Finishing wall two coats with distemper of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	2.000	32.500	10.000	0.000	0.000	650.000	-
ii	ceiling	1.000	17.160	15.330	0.000	0.000	263.063	-

iii	door	1.000	3.500	6.500	0.500	0.000	-	11.375
iv	wind	3.000	3.000	3.500	0.500	0.000	-	15.750
Total Quantity					885.9378 Sft (Square Foot)		82.3062794334 Sqm (Square Meter)	
Amount					82.3062794334 X 80.8851733		6657.36	

#### 4. Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth

Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm<sup>2</sup> immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	vr	1.000	19.000	1.250	0.500	0.000	11.875	-
ii	pillar	3.000	0.830	0.830	7.000	0.000	14.467	-
iii	steps	1.000	4.000	0.830	1.000	0.000	3.320	-
iv	vr 2nd steps	1.000	19.000	0.830	3.000	0.000	47.310	-
Total Quantity					76.9719 Cft (Cubic Foot)		2.17959789792 Cum (Cubic Meter)	
Amount					2.17959789792 X 5073.107920896		11057.34	

#### 5. Plastering (AR1026) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces (inside)

6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	ceiling	1.000	17.160	15.330	0.000	0.000	263.063	-
ii	wind chajja	4.000	3.830	1.500	0.000	0.000	22.980	-
Total Quantity					286.0428 Sft (Square Foot)		26.5742342484 Sqm (Square Meter)	
Amount					26.5742342484 X 157.5390347028		4186.48	

#### 6. Earth Work (AR0102e) : Earth work in hard soil or gravelly soil in embankment, roads etc. within 50m initial lead and 1.5m initial lift

Earth work in hard soil or gravelly soil in embankment, roads etc. within 50m initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per specification approved by the Department alongwith proper compaction with H.R.R. (section measurement to be taken on the finished compacted section of the fill) as per direction of Engineer-in-Charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	vr wall fnd	1.000	19.000	1.500	1.500	0.000	42.750	-
Total Quantity					42.75 Cft (Cubic Foot)		1.2105432 Cum (Cubic Meter)	
<b>Amount</b>					<b>1.2105432 X 216.46078408</b>		<b>262.04</b>	

**7. Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside.**

12mm thick cement plaster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	lw	2.000	18.830	12.000	0.000	0.000	451.920	-
ii	sw	2.000	17.000	12.000	0.000	0.000	408.000	-
iii	door	1.000	3.500	6.500	0.500	0.000	-	11.375
iv	wind	3.000	3.000	3.500	0.500	0.000	-	15.750
v	pillar	3.000	4.000	0.830	7.000	0.000	69.720	-
Total Quantity					902.515 Sft (Square Foot)		83.846351045 Sqm (Square Meter)	
<b>Amount</b>					<b>83.846351045 X 171.4690407144</b>		<b>14377.05</b>	

**8. Plastering (AR1014i) : 16mm thick cement Plaster in CM (1:6) over brick work in outside (outside)**

16mm thick cement Plaster in CM (1:6) over brick work in outside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	inside wall	2.000	32.500	10.000	0.000	0.000	650.000	-
ii	door	1.000	3.500	6.500	0.500	0.000	-	11.375
iii	wind	3.000	3.000	3.500	0.500	0.000	-	15.750

Total Quantity	622.875 Sft (Square Foot)	57.866956125 Sqm (Square Meter)
Amount	<b>57.866956125 X 245.152030224</b>	<b>14186.20</b>

**9. Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer**

Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	outer lw	2.000	18.830	11.000	0.000	0.000	414.260	-
ii	sw	2.000	17.000	0.000	0.000	0.000	34.000	-
iii	door	1.000	3.500	6.500	0.500	0.000	-	11.375
iv	door	3.000	3.000	3.500	0.500	0.000	-	15.750
v	pillar	3.000	4.000	0.830	7.000	0.000	69.720	-

Total Quantity	490.855 Sft (Square Foot)	45.601902065 Sqm (Square Meter)
Amount	<b>45.601902065 X 158.45040549817</b>	<b>7225.64</b>

**10. Painting (AR0901b) : Priming one coat in inner surface with primer of approved quality over iron work.**

Priming one coat in inner surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	2.000	32.500	10.000	0.000	0.000	650.000	-
ii	ceiling	17.160	15.330	0.000	0.000	0.000	263.063	-

Total Quantity	913.0628 Sft (Square Foot)	84.8262733084 Sqm (Square Meter)
Amount	<b>84.8262733084 X 66.433867006133</b>	<b>5635.34</b>

**11. Painting (AR0903ia) : Painting two coats of enamel paint with a coat of wood primer in outer surface paint (Outside)**

Painting two coats of enamel paint with a coat of wood primer in outer surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
-------	-------------	----	---	---	---	----	----------	-----------

i	door	1.000	3.500	6.500	2.250	0.000	51.188	-
ii	wind	3.000	3.000	3.500	2.750	0.000	86.625	-
Total Quantity					137.8125 Sft (Square Foot)		12.8031946875 Sqm (Square Meter)	
Amount					12.8031946875 X 237.46787180021		3040.35	

### 12. Iron Work (AR1704) : Iron Doors and windows fixing

Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	door	1.000	3.500	6.500	3.500	0.010	0.796	-
ii	wind	3.000	3.000	3.500	3.500	0.010	1.103	-
Total Quantity					1.89875 Qntl (Quintal)		1.89875 Qntl (Quintal)	
Amount					1.89875 X 15122.947456976		28714.70	

### 13. Roofing (AR1135i) : G.C.I. Sheet (0.40mm thick) in walling

Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in walling including cost of nuts and bolts, fitting, labour and material etc. complete as per direction of Engineer-in-Charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	roofing	1.000	20.000	8.000	0.000	0.000	160.000	-
Total Quantity					160 Sft (Square Foot)		14.86448 Sqm (Square Meter)	
Amount					14.86448 X 536.97454416563		7981.85	

### 14. Flooring (AR0817aa) : Fixing Vitrified floor tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm

Fixing Vitrified floor tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including rubbing and polishing complete including cost of precast tiles.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	room	1.000	18.160	16.330	0.000	0.000	296.553	-

Total Quantity	296.5528 Sft (Square Foot)	27.5506447784 Sqm (Square Meter)
Amount	27.5506447784 X 1625.385384701	44780.42
<b>Total Amount</b>		<b>159730.97</b>
<b>Addition</b>		
Provision for PH Work (+) @		
Provision for EI Work (+) @		10671.60
Provision for Contingency (+) @		1597.31
Display Citizen Board (+) @		3000.00
Any Other Lumpsum (+) @		
<b>Total Addition</b>		<b>15268.91</b>
<b>Grand Net Total Amount</b>		<b>174999.88</b>