

## Detailed Estimate

**OD/369/3541/120980/409604/00075804 : CONST. OF GADASAH COMMUNITY CENTER**

**Block : Kanas, Gram Panchayat : Gadasahi**

**Created By:UDAYABHANU MOHANTY**

<b>1. R.C.C. Work (AR0404Ac) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b>								
Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	roof beam	3.000	8.400	0.250	0.300	0.000	1.890	-
ii		3.000	7.000	0.250	0.300	0.000	1.575	-
<b>Total Quantity</b>						<b>3.465 cum (cum)</b>	<b>3.465 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>3.465 X 14456.679950311</b>	<b>50092.40</b>	
<b>2. R.C.C. Work (AR0404Ag) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b>								
Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	roof slab	1.000	8.400	7.000	0.125	0.000	7.350	-
<b>Total Quantity</b>						<b>7.35 cum (cum)</b>	<b>7.35 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>7.35 X 12702.810967381</b>	<b>93365.66</b>	
<b>3. 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, ramming, 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	room	1.000	6.850	3.800	0.100	0.000	2.603	-

ii	verandah	1.000	5.200	1.500	0.100	0.000	0.780	-
iii	step	1.000	2.200	1.900	0.100	0.000	0.418	-
iv		1.000	1.900	1.600	0.100	0.000	0.304	-
v		1.000	1.600	1.300	0.100	0.000	0.208	-
vi		1.000	1.300	1.000	0.100	0.000	0.130	-
Total Quantity					4.443 cum (cum)		4.443 Cum (Cubic Meter)	
Amount					4.443 X 5879.98299946		26124.76	

#### 4. Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.

16mm thick cement Plaster in CM (1:6) over brick work in inside 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		2.000	6.850	3.300	0.000	0.000	45.210	-
ii		2.000	3.800	3.300	0.000	0.000	25.080	-
iii		2.000	1.900	3.300	0.000	0.000	12.540	-
iv	door	1.000	1.400	2.100	0.000	0.000	-	2.940
v		1.000	1.000	2.100	0.000	0.000	-	2.100
vi	window	3.000	1.200	1.200	0.000	0.000	-	4.320
vii		1.000	1.000	1.000	0.000	0.000	-	1.000
viii	step	4.000	2.200	0.400	0.000	0.000	3.520	-
Total Quantity					75.99 Sqm (Sqm)		75.99 Sqm (Square Meter)	
Amount					75.99 X 250.272544182		19018.21	

#### 5. Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside

12mm thick cement plaster (1:6) over Brick work in inside 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
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i		2.000	7.300	4.200	0.000	0.000	61.320	-
ii		1.000	3.800	3.300	0.000	0.000	12.540	-
iii		1.000	4.900	1.400	0.000	0.000	6.860	-
iv		1.000	1.400	1.400	0.000	0.000	1.960	-
v	pillar	2.000	2.700	1.000	0.000	0.000	5.400	-
vi		1.000	5.800	0.800	0.000	0.000	4.640	-
vii	beam	3.000	6.650	0.900	0.000	0.000	17.955	-
Total Quantity					110.675 Sqm (Sqm)		110.675 Sqm (Square Meter)	
Amount					<b>110.675 X 174.9921807692</b>		<b>19367.26</b>	

#### 6. Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips

2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specification and direction of Engineer-in charge. (new work)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	8.750	7.150	0.000	0.000	62.563	-
Total Quantity					62.5625 Sqm (Sqm)		62.5625 Sqm (Square Meter)	
Amount					<b>62.5625 X 357.5605907892</b>		<b>22369.88</b>	

#### 7. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum

Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specification and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	floor	1.000	6.850	3.800	0.100	0.000	2.603	-
ii	ver	1.000	5.200	1.500	0.100	0.000	0.780	-
Total Quantity					3.383 cum (cum)		3.383 Cum (Cubic Meter)	
Amount					<b>3.383 X 7358.26905102</b>		<b>24893.02</b>	

8. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	door	1.000	201.000	0.000	0.000	0.000	201.000	-
ii	window	1.000	212.000	0.000	0.000	0.000	212.000	-
Total Quantity					413 Kg (Kilo Gram)		4.13 Qntl (Quintal)	
Amount					4.13 X 15318.876867087		63266.96	
9. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position								
Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	m s rod	1.000	980.000	0.000	0.000	0.000	980.000	-
Total Quantity					980 Kg (Kilo Gram)		9.8 Qntl (Quintal)	
Amount					9.8 X 7953.448818		77943.80	
10. Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface)								
Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	D & W	1.000	25.720	0.000	0.000	0.000	25.720	-
Total Quantity					25.72 Sqm (Sqm)		25.72 Sqm (Square Meter)	
Amount					25.72 X 164.23523221452		4224.13	
11. Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside)								
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)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	internal	1.000	75.990	0.000	0.000	0.000	75.990	-
Total Quantity					75.99 Sqm (Sqm)		75.99 Sqm (Square Meter)	
Amount					75.99 X 78.8505283		5991.85	

**12. 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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	interna	1.000	110.675	0.000	0.000	0.000	110.675	-
Total Quantity					110.675 Sqm (Sqm)		110.675 Sqm (Square Meter)	
Amount					110.675 X 160.72822700355		17788.60	

**13. Painting (AR0901ci) : Priming one coat with outer surface primer of approved quality oil-bound primer over plastering surfaces(Outer surface)**

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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	primer	1.000	186.660	0.000	0.000	0.000	186.660	-
Total Quantity					186.66 Sqm (Sqm)		186.66 Sqm (Square Meter)	
Amount					186.66 X 68.99284786751		12878.20	

**Total Amount (A) : 437324.74**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for EI Work @ Rs.3175	-	3175
2	Provision for Contingency @ Rs.4500	-	4500
3	Display Citizen Board @ Rs.5000	-	5000

**Additional Components Amount (F) : 12675**

Grand Total Amount (A + F) : 449999.74320666

UDAYABHANU MOHANTY  
JE  
Kanas Block

SASWAT KUMAR SENAPATI  
AEE  
Kanas Block

SOUMYA RANJAN SWAIN  
BDO  
Kanas Block