

## Detailed Estimate

**OD/369/3541/120981/409543/00075801 : CONSTRUCTION OF HALADIAPADA NEHURU COMMUNITY HALL**  
**Block : Kanas, Gram Panchayat : Gadasanput**  
**Created By:UDAYABHANU MOHANTY**

<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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	room 1	1.000	8.730	3.200	0.150	0.000	4.190	-
ii	room 2	1.000	3.200	3.000	0.150	0.000	1.440	-
iii	verandah	1.000	12.950	2.960	0.150	0.000	5.750	-
Total Quantity					11.3802 cum (cum)		11.3802 Cum (Cubic Meter)	
Amount					11.3802 X 802.306832		9130.41	
<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, 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	1.000	8.730	3.200	0.100	0.000	2.794	-
ii	room 2	1.000	3.200	3.000	0.100	0.000	0.960	-
iii	verandah	1.000	12.950	2.960	0.100	0.000	3.833	-
Total Quantity					7.5868 cum (cum)		7.5868 Cum (Cubic Meter)	
Amount					7.5868 X 5623.28266196		42662.72	
<b>3. 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	beam	3.000	7.100	0.250	0.300	0.000	1.598	-
Total Quantity					1.5975 cum (cum)		1.5975 Cum (Cubic Meter)	
Amount					1.5975 X 14223.987836496		22722.82	

**4. R.C.C. Work (AR0404Ag) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips**

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	slab	1.000	13.260	7.010	0.100	0.000	9.295	-
Total Quantity					9.29526 cum (cum)		9.29526 Cum (Cubic Meter)	
Amount					9.29526 X 12470.118853566		115913.00	

**5. Concrete (AR0318a) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Hand Broken)**

4cm thick grading concrete (1:2:4) on roof slab with 12mm and down grade size hard granite chips (Hand Broken) for old work including hoisting and laying in position, compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	slab	1.000	13.260	7.010	0.000	0.000	92.953	-
Total Quantity					92.9526 Sqm (Sqm)		92.9526 Sqm (Square Meter)	
Amount					92.9526 X 740.0692522188		68791.36	

**6. 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	rod	1.000	10.880	0.000	0.000	0.000	10.880	-
Total Quantity					10.88 Qntl (Quintal)		10.88 Qntl (Quintal)	
Amount					10.88 X 7959.7534905		86602.12	

**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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	8.730	3.200	0.100	0.000	2.794	-
ii		1.000	3.200	3.000	0.100	0.000	0.960	-
iii		1.000	13.800	0.600	0.100	0.000	0.828	-
Total Quantity					4.5816 cum (cum)		4.5816 Cum (Cubic Meter)	
Amount					4.5816 X 7124.11605452		32639.85	

**8. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	2.900	1.100	0.000	0.000	6.380	-
ii		2.000	3.400	3.100	0.000	0.000	21.080	-
iii		1.000	11.300	3.100	0.000	0.000	35.030	-

Total Quantity	62.49 Sqm (Sqm)	62.49 Sqm (Square Meter)
Amount	62.49 X 242.602437532	15160.23
<b>Total Amount</b>		<b>393622.51</b>
<b>Addition</b>		
Provision for PH Work (+) @		
Provision for EI Work (+) @		
Provision for Contingency (+) @		1377.00
Display Citizen Board (+) @		5000.00
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
<b>Total Addition</b>		<b>6377.00</b>
<b>Grand Net Total Amount</b>		<b>399999.51</b>

**UDAYABHANU MOHANTY**  
**JE**  
**Kanas Block**

**SASWAT KUMAR SENAPATI**  
**AEE**  
**Kanas Block**

**SOUMYA RANJAN SWAIN**  
**BDO**  
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