

## Detailed Estimate

**OD/360/3441/119207/395603/00066913 : Improvement of friends community center**

**Block : Rajkanika, Gram Panchayat : Barahadomanda**

**Created By:MD FAKHRE ALAM QUADRI**

<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	1.000	5.150	4.500	0.450	0.000	10.429	-
Total Quantity					10.42875 cum (cum)		10.42875 Cum (Cubic Meter)	
Amount					10.42875 X 901.872632		9405.40	
<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	1.000	5.150	4.500	0.100	0.000	2.318	-
Total Quantity					2.3175 cum (cum)		2.3175 Cum (Cubic Meter)	
Amount					2.3175 X 6261.21025676		14510.35	
<b>3. R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting</b>								
Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, grider and bressmer, etc. Data for 4.2sqm								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column	6.000	4.000	0.250	0.700	0.000	4.200	-
ii	Wall beam	2.000	2.000	5.650	0.200	0.000	4.520	-

iii	Wall beam	1.000	2.000	4.500	0.300	0.000	2.700	-
iv	Wall beam	2.000	2.000	0.900	0.200	0.000	0.720	-
v	Wall beam	2.000	2.000	4.500	0.200	0.000	3.600	-
Total Quantity					15.74 Sqm (Sqm)		15.74 Sqm (Square Meter)	
Amount					15.74 X 1047.9038224181		16494.01	

**4. R.C.C. Work (AR0410a) : Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas**

Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Slab	1.000	5.950	5.300	0.000	0.000	31.535	-
ii		1.000	3.000	0.900	0.000	0.000	2.700	-
Total Quantity					34.235 Sqm (Sqm)		34.235 Sqm (Square Meter)	
Amount					34.235 X 663.29946175911		22708.06	

**5. 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)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Slab	1.000	5.950	5.300	0.125	0.000	3.942	-
ii		1.000	3.000	0.900	0.125	0.000	0.338	-
Total Quantity					4.279375 cum (cum)		4.279375 Cum (Cubic Meter)	
Amount					4.279375 X 13125.688210955		56169.74	

**6. R.C.C. Work (AR0404Ac) : 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 Beams, Column, Girder & Bressmer etc)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall beam	2.000	5.650	0.250	0.200	0.000	0.565	-
ii		2.000	5.000	0.250	0.200	0.000	0.500	-
iii		2.000	0.900	0.250	0.200	0.000	0.090	-
iv		1.000	4.500	0.250	0.300	0.000	0.338	-
Total Quantity					1.4925 cum (cum)		1.4925 Cum (Cubic Meter)	
Amount					1.4925 X 14877.635375992		22204.87	

**7. 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	hysd	5.910	0.000	0.000	0.000	0.000	5.910	-
Total Quantity					5.91 Qntl (Quintal)		5.91 Qntl (Quintal)	
Amount					5.91 X 8609.427456		50881.72	

**8. Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure**

Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm<sup>2</sup> with dimensional tolerance ±8 percent 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	1.000	7.000	0.250	0.550	0.000	0.963	-

Total Quantity	0.9625 cum (cum)	0.9625 Cum (Cubic Meter)
Amount	0.9625 X 5065.299860568	4875.35
<b>Total Amount</b>		<b>197249.50</b>
<b>Addition</b>		
Provision for PH Work (+) @		
Provision for EI Work (+) @		
Provision for Contingency (+) @		1972.50
Display Citizen Board (+) @		778.00
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
<b>Total Addition</b>		<b>2750.50</b>
<b>Grand Net Total Amount</b>		<b>200000.00</b>

**MD FAKHRE ALAM QUADRI**  
**JE**  
**Rajkanika Block**

**SUDHANSU SEKHAR PATRA**  
**AEE**  
**Rajkanika Block**

**KAILASH CHANDRA MAHALIK**  
**BDO**  
**Rajkanika Block**