

## Detailed Estimate

**OD/369/3541/120988/410095/00075149 : CONSTRUCTION OF COMMUNITY CENTER AT TANAMANA**

**Block : Kanas, Gram Panchayat : Sahupada**

**Created By: Bala Krushna Jena**

<b>1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>								
Earth work in hard soil or gravelly soil foundation & plinth 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 the direction of the Engineer-in-charge								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Foundation basen	1.000	4.200	4.200	1.800	0.000	31.752	-
Total Quantity					31.752 cum (cum)		31.752 Cum (Cubic Meter)	
Amount					31.752 X 240.77592		7645.12	
<b>2. 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	Foundation baser	1.000	4.200	4.200	0.300	0.000	5.292	-
ii	Outer plinth	1.000	7.000	1.200	0.450	0.000	3.780	-
Total Quantity					9.072 cum (cum)		9.072 Cum (Cubic Meter)	
Amount					9.072 X 569.703832		5168.35	
<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	Foundation base	1.000	4.200	4.200	0.150	0.000	2.646	-
Total Quantity					2.646 cum (cum)		2.646 Cum (Cubic Meter)	
Amount					2.646 X 5562.54439296		14718.49	
<b>4. R.C.C. Work (AR0404Aa) : 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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Foundation base	1.000	4.000	4.000	0.300	0.000	4.800	-
Total Quantity					4.8 cum (cum)		4.8 Cum (Cubic Meter)	
Amount					4.8 X 6097.0197803649		29265.69	
<b>5. R.C.C. Work (AR0404Ab) : 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 Plinth band)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Plinth bream	1.000	11.000	0.900	0.300	0.000	2.970	-
Total Quantity					2.97 cum (cum)		2.97 Cum (Cubic Meter)	
Amount					2.97 X 6857.7067538114		20367.39	
<b>6. R.C.C. Work (AR0404Ad) : 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 Lintels)								

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Lintel	1.000	9.600	0.600	0.200	0.000	1.152	-
Total Quantity					1.152 cum (cum)		1.152 Cum (Cubic Meter)	
Amount					1.152 X 12801.233433271		14747.02	
<b>7. 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	1.500	1.500	0.125	0.000	0.281	-
Total Quantity					0.28125 cum (cum)		0.28125 Cum (Cubic Meter)	
Amount					0.28125 X 12439.909841945		3498.72	
<b>8. 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</b>								
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 bar	1.000	7.000	0.000	0.000	0.000	7.000	-
Total Quantity					7 Qntl (Quintal)		7 Qntl (Quintal)	
Amount					7 X 7947.1441455		55630.01	
<b>9. Masonry Stone Work (AR0717) : Laterite stone masonry</b>								
Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	1st footing	1.000	11.000	1.200	0.225	0.000	2.970	-
ii	2nd footing	1.000	11.000	0.900	1.575	0.000	15.593	-
Total Quantity					18.5625 cum (cum)		18.5625 Cum (Cubic Meter)	
Amount					18.5625 X 5468.052021728		101500.72	
<b>10. Masonry Stone Work (AR0717i) : Laterite stone masonry in cement mortar (1:6) in superstructure</b>								
Laterite stone masonry in cement mortar (1:6) in superstructure cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	1.000	11.000	0.600	4.100	0.000	27.060	-
ii	Door	1.000	0.900	0.750	2.100	0.000	-	1.418
iii	Lintel	1.000	1.150	1.000	1.000	0.000	-	1.150
Total Quantity					24.4925 cum (cum)		24.4925 Cum (Cubic Meter)	
Amount					24.4925 X 5510.371021728		134962.76	
<b>11. Plastering (AR1008) : 20mm thick cement Plaster in CM (1:6) over brick work in inside.</b>								
20mm thick cement Plaster in CM (1:6) for stone 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	wall	1.000	11.000	1.600	0.000	0.000	17.600	-
Total Quantity					17.6 Sqm (Sqm)		17.6 Sqm (Square Meter)	
Amount					17.6 X 258.047340968		4541.63	
Total Amount							392045.91	
<b>Addition</b>								
Provision for PH Work (+) @								

Provision for EI Work (+) @	
Provision for Contingency (+) @	4000.00
Display Citizen Board (+) @	3954.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>7954.00</b>
<b>Grand Net Total Amount</b>	<b>399999.91</b>

**Bala Krushna Jena**  
**JE**  
**Kanas Block**

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

**SOUMYA RANJAN SWAIN**  
**BDO**  
**Kanas Block**