

Detailed Estimate

**OD/354/3369/117689/412131/00107807 : CONSTRUCTION OF GUNDICHA RURAL PARK AT VILLAGE
TANGANAPALLI**

Block : Chatrapur, Gram Panchayat : Tangonapalli

Created By: JAYASENA BEHERA

1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
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	Compound wall	3.000	16.000	0.750	0.750	0.000	27.000	-
ii	Leveling	1.000	22.000	10.000	0.100	0.000	22.000	-
Total Quantity						49 cum (cum)	49 Cum (Cubic Meter)	
Amount						49 X 240.77592	11798.02	
2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed								
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	Compound wall l/w	3.000	16.000	0.750	0.100	0.000	3.600	-
Total Quantity						3.6 cum (cum)	3.6 Cum (Cubic Meter)	
Amount						3.6 X 774.289432	2787.44	
3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal								
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	Compound wall	3.000	16.000	0.750	0.150	0.000	5.400	-

ii	Flooring	1.000	14.000	8.000	0.100	0.000	11.200	-
Total Quantity					16.6 cum (cum)		16.6 Cum (Cubic Meter)	
Amount					16.6 X 5687.2989607		94409.16	
4. Masonry Stone Work (AR0703) : Random rubble H.G. stone of masonry.								
Random rubble H.G. stone of size not less than 0.0025 cum stacked masonry in cement mortar (1:6) in foundation and plinth including watering, curing for seven days 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	Compound wall	3.000	16.000	0.450	0.950	0.000	20.520	-
Total Quantity					20.52 cum (cum)		20.52 Cum (Cubic Meter)	
Amount					20.52 X 4492.210482813		92180.16	
5. R.C.C. Work (AR0404Ab) : 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 Plinth band)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Plinth beam	3.000	16.000	0.230	0.150	0.000	1.656	-
Total Quantity					1.656 cum (cum)		1.656 Cum (Cubic Meter)	
Amount					1.656 X 6983.4608615672		11564.61	
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	Take 100% of RCC qnty	1.650	1.000	1.000	0.000	0.000	1.650	-
Total Quantity					1.65 Qntl (Quintal)		1.65 Qntl (Quintal)	

Amount						1.65 X 8664.0005739	14295.60	
7. Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure								
Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm ² 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	Compound wall	3.000	16.000	0.230	1.550	0.000	17.112	-
Total Quantity					17.112 cum (cum)		17.112 Cum (Cubic Meter)	
Amount					17.112 X 5065.23841136		86676.36	
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	Compound wall	6.000	16.000	1.600	0.000	0.000	153.600	-
Total Quantity					153.6 Sqm (Sqm)		153.6 Sqm (Square Meter)	
Amount					153.6 X 245.82463629		37758.66	
9. Plastering (AR1008) : 20mm thick cement Plaster in CM (1:6) over brick work in inside.								
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	Compound wall	6.000	16.000	0.750	0.000	0.000	72.000	-
Total Quantity					72 Sqm (Sqm)		72 Sqm (Square Meter)	
Amount					72 X 257.77046381		18559.47	
10. Painting (AR0901c) : Priming one coat with inner surface primer of approved quality oil-bound primer over plastering surfaces (Inner surface)								

Priming one coat with inner 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	Compound wall	6.000	16.000	2.250	0.000	0.000	216.000	-
Total Quantity					216 Sqm (Sqm)		216 Sqm (Square Meter)	
Amount					216 X 68.99284786751		14902.46	

11. Painting (AR0918Ai) : Finishing wall one coat with weather coat

Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes 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	Compound wall	6.000	16.000	2.250	0.000	0.000	216.000	-
Total Quantity					216 Sqm (Sqm)		216 Sqm (Square Meter)	
Amount					216 X 57.09560199		12332.65	

12. Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor

Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Flooring	1.000	14.000	3.000	0.000	0.000	42.000	-
Total Quantity					42 Sqm (Sqm)		42 Sqm (Square Meter)	
Amount					42 X 1193.907580332		50144.12	

Total Amount (A) : 447408.72

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for PH Work @ Rs.2500	-	2500

2	Provision for EI Work @ Rs.5000	-	5000
3	Provision for Contingency @ 1%	-	4474.0871679066
4	Display Citizen Board @ Rs.1000	-	1000
5	Any Other Lumpsum @ Rs.25338	CC Chair and Arnamental Plants	25338
Additional Components Amount (F) : 38312.087167907			

Grand Total Amount (A + F) : 485720.80395856			
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JAYASENA BEHERA
JE
Chatrapur Block

LAGNAJEET SAHOO
AEE
Chatrapur Block

Sri Sambit Sangramjeet Sahoo
BDO
Chatrapur Block