

Detailed Estimate

**OD/362/3458/119576/408501/00105229 : Development of play ground at Pratap
Block : Banapur, Gram Panchayat : Tumuraput
Created By:MANIKA 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	WALL CUTTING	1.000	700.000	1.000	0.500	0.000	350.000	-
ii	SUB BASE	10.000	6.000	4.000	0.660	0.000	158.400	-
Total Quantity						508.4 Cft (Cubic Foot)	14.39626112 Cum (Cubic Meter)	
Amount						14.39626112 X 240.77592	3466.27	
2. Earth Work (AR0122Bii) : Earthwork in hard soil or gravelly soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift								
Earthwork in hard soil or gravelly soil within 5 Km.mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	SUB BASE	1.000	200.000	145.000	0.910	0.000	26390.000	-
Total Quantity						26390 Cft (Cubic Foot)	747.280352 Cum (Cubic Meter)	
Amount						747.280352 X 361.33930892	270021.77	
3. 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	SUB BASE	1.000	700.000	1.000	0.250	0.000	175.000	-

Total Quantity	175 Cft (Cubic Foot)	4.95544 Cum (Cubic Meter)
Amount	4.95544 X 1493.237732	7399.65

4. Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth

Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² 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	SUB BASE	1.000	700.000	0.410	0.830	0.000	238.210	-
Total Quantity					238.21 Cft (Cubic Foot)		6.745344928 Cum (Cubic Meter)	
Amount					6.745344928 X 5754.5888169		38816.69	

5. 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	SUB BASE	1.000	20.000	8.000	0.330	0.000	52.800	-
Total Quantity					52.8 Cft (Cubic Foot)		1.49512704 Cum (Cubic Meter)	
Amount					1.49512704 X 6408.996006		9582.26	

6. 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	PACH	1.000	20.000	8.000	0.330	0.000	52.800	-
Total Quantity					52.8 Cft (Cubic Foot)		1.49512704 Cum (Cubic Meter)	

Amount	1.49512704 X 7586.7174645	11343.11
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Total Amount (A) : 340629.75

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3370.25	-	3370.25
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.51000	cement chair	51000
Additional Components Amount (F) : 59370.25			

Grand Total Amount (A + F) : 399999.9951062
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