

Detailed Estimate

OD/363/3471/119803/428971/00068977 : Infrastructure development of Sports ground at Badakerenga
Block : Koraput, Gram Panchayat : Kerenga
Created By:P Santosh Kumar Patro

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		4.000	32.000	0.600	0.500	0.000	38.400	-
Total Quantity					38.4 cum (cum)		38.4 Cum (Cubic Meter)	
Amount					38.4 X 240.77592		9245.80	
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		4.000	32.000	0.600	0.050	0.000	3.840	-
ii		4.000	32.000	0.150	0.400	0.000	7.680	-
Total Quantity					11.52 cum (cum)		11.52 Cum (Cubic Meter)	
Amount					11.52 X 1138.475232		13115.23	
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		4.000	32.000	0.550	0.150	0.000	10.560	-

ii		4.000	32.000	0.150	0.100	0.000	1.920	-
Total Quantity					12.48 cum (cum)		12.48 Cum (Cubic Meter)	
Amount					12.48 X 5821.98149514		72658.33	
4. Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth								
Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth 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		4.000	32.000	0.450	0.650	0.000	37.440	-
Total Quantity					37.44 cum (cum)		37.44 Cum (Cubic Meter)	
Amount					37.44 X 5143.413157952		192569.39	
5. 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 specification and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	32.000	2.450	0.050	0.000	3.920	-
ii		1.000	32.000	0.450	0.050	0.000	0.720	-
Total Quantity					4.64 cum (cum)		4.64 Cum (Cubic Meter)	
Amount					4.64 X 7295.03397718		33848.96	
6. Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside								
12mm thick cement plaster (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		4.000	32.000	0.450	0.000	0.000	57.600	-

ii		2.000	2.150	0.600	0.000	0.000	2.580	-
iii		1.000	32.000	0.600	0.000	0.000	19.200	-
Total Quantity					79.38 Sqm (Sqm)		79.38 Sqm (Square Meter)	
Amount					79.38 X 176.2414572028		13990.05	
7. 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		4.000	32.000	0.550	0.000	0.000	70.400	-
ii		4.000	32.000	0.450	0.000	0.000	57.600	-
Total Quantity					128 Sqm (Sqm)		128 Sqm (Square Meter)	
Amount					128 X 1195.3748506812		153007.98	
Total Amount							488435.73	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							5000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							1564.00	
Provision for survey investigation and quality control (+) @								
Total Addition							11564.00	
Grand Net Total Amount							499999.73	

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