

## Detailed Estimate

**OD/363/3471/119802/428918/00069491 : Infrastructure development of Sports ground at Kendar**

**Block : Koraput, Gram Panchayat : Kendar**

**Created By:Sanjay Kumar Prusty**

<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	Base	1.000	30.000	2.100	0.300	0.000	18.900	-
Total Quantity					18.9 cum (cum)		18.9 Cum (Cubic Meter)	
Amount					18.9 X 240.77592		4550.66	
<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	Base	1.000	30.000	2.100	0.100	0.000	6.300	-
Total Quantity					6.3 cum (cum)		6.3 Cum (Cubic Meter)	
Amount					6.3 X 712.760232		4490.39	
<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	Base	1.000	30.000	2.100	0.100	0.000	6.300	-
Total Quantity					6.3 cum (cum)		6.3 Cum (Cubic Meter)	

<b>Amount</b>			<b>6.3 X 5826.1890703</b>			<b>36704.99</b>		
<b>4. Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure</b>								
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 <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	Base	1.000	30.000	2.100	0.475	0.000	29.925	-
ii	1st Step	1.000	30.000	1.650	0.400	0.000	19.800	-
iii	2nd step	1.000	30.000	1.200	0.400	0.000	14.400	-
iv	3rd step	1.000	30.000	0.750	0.400	0.000	9.000	-
v	4th step	1.000	30.000	0.750	0.400	0.000	9.000	-
vi	5th step	1.000	30.000	0.300	0.400	0.000	3.600	-
Total Quantity					85.725 cum (cum)		85.725 Cum (Cubic Meter)	
<b>Amount</b>					<b>85.725 X 5210.66892544</b>		<b>446684.59</b>	
<b>Total Amount</b>							<b>492430.64</b>	
<b>Addition</b>								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							4924.31	
Display Citizen Board (+) @							2645.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
<b>Total Addition</b>							<b>7569.31</b>	

<b>Grand Net Total Amount</b>	<b>499999.95</b>
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