

Detailed Estimate

**OD/356/3402/118478/401515/00067821 : Development of Krushnapada Play Ground , Krushnapada
Block : Rasulpur, Gram Panchayat : Nathuabar
Created By:Bandana Tanty**

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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	col	25.000	1.050	1.050	1.050	0.000	28.941	-
ii	wall	1.000	76.000	0.450	0.450	0.000	15.390	-
Total Quantity					44.330625 cum (cum)		44.330625 Cum (Cubic Meter)	
Amount					44.330625 X 240.77592		10673.75	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	col	25.000	1.050	1.050	0.150	0.000	4.134	-
ii	wall	1.000	76.000	0.450	0.150	0.000	5.130	-
Total Quantity					9.264375 cum (cum)		9.264375 Cum (Cubic Meter)	
Amount					9.264375 X 751.847232		6965.39	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction

i	col	25.000	1.050	1.050	0.100	0.000	2.756	-
ii	wall	1.000	76.000	0.450	0.100	0.000	3.420	-
Total Quantity					6.17625 cum (cum)		6.17625 Cum (Cubic Meter)	
Amount					6.17625 X 5952.73917766		36765.61	

4. R.C.C. Work (AR0404Aa) : 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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	col	25.000	1.050	1.050	0.200	0.000	5.513	-
ii	col	25.000	0.380	0.380	0.200	0.000	0.722	-
iii	col	25.000	0.250	0.250	0.800	0.000	1.250	-
Total Quantity					7.4845 cum (cum)		7.4845 Cum (Cubic Meter)	
Amount					7.4845 X 6493.6721172047		48601.89	

5. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	col	1.000	9.000	0.000	0.000	0.000	9.000	-
Total Quantity					9 Qntl (Quintal)		9 Qntl (Quintal)	
Amount					9 X 8429.867838		75868.81	

6. 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	wall	1.000	76.000	0.380	0.600	0.000	17.328	-
ii	col	25.000	0.250	0.250	0.350	0.000	-	0.547
Total Quantity					16.781125 cum (cum)		16.781125 Cum (Cubic Meter)	
Amount					16.781125 X 4977.508915288		83528.20	

7. Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure

Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure 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	wall	1.000	78.000	0.250	1.890	0.000	36.855	-
Total Quantity					36.855 cum (cum)		36.855 Cum (Cubic Meter)	
Amount					36.855 X 5010.838915288		184674.47	

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	wall	1.000	100.000	1.890	0.000	0.000	189.000	-
Total Quantity					189 Sqm (Sqm)		189 Sqm (Square Meter)	
Amount					189 X 244.341858522		46180.61	
Total Amount							493258.73	

Addition	
Provision for PH Work (+) @	
Provision for EI Work (+) @	
Provision for Contingency (+) @	4932.59
Display Citizen Board (+) @	1808.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	6740.59
Grand Net Total Amount	499999.31

Bandana Tanty
JE
Rasulpur Block

AEsabitadhal
AEE
Rasulpur Block

Satyananda Dash
BDO
Rasulpur Block