

Detailed Estimate

OD/365/3487/120050/390612/00072017 : CONST. OF STAGE NEAR BIRSA MANDA PLAY GROUND AT MUCHIASAHI
Block : Badasahi, Gram Panchayat : Khanua
Created By:SEETA HANSDAH

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	Column	6.000	0.900	0.900	0.900	0.000	4.374	-
ii	L/W	2.000	8.300	0.600	0.600	0.000	5.976	-
iii	S/W	2.000	5.200	0.600	0.600	0.000	3.744	-
iv	Column	6.000	0.900	0.600	0.600	0.000	-	1.944
Total Quantity						12.15 cum (cum)	12.15 Cum (Cubic Meter)	
Amount						12.15 X 240.77592	2925.43	
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	Column	6.000	0.900	0.900	0.100	0.000	0.486	-
ii	L/W	2.000	8.300	0.600	0.100	0.000	0.996	-
iii	S/W	2.000	5.200	0.600	0.100	0.000	0.624	-
iv	Pendal	1.000	5.200	7.800	0.850	0.000	34.476	-
v	column	6.000	0.900	0.600	0.100	0.000	-	0.324
Total Quantity						36.258 cum (cum)	36.258 Cum (Cubic Meter)	
Amount						36.258 X 1523.376132	55234.57	
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	column	6.000	0.900	0.900	0.100	0.000	0.486	-
ii	L/W	2.000	8.300	0.600	0.100	0.000	0.996	-
iii	s/w	2.000	5.200	0.600	0.100	0.000	0.624	-
iv	pendal	1.000	5.700	8.300	0.100	0.000	4.731	-
v	column	6.000	0.900	0.600	0.100	0.000	-	0.324
Total Quantity					6.513 cum (cum)		6.513 Cum (Cubic Meter)	
Amount					6.513 X 6505.1598028		42368.11	

4. Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside

12mm thick cement plster (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	2.000	5.700	0.000	0.900	0.000	10.260	-
ii		2.000	8.300	0.000	0.900	0.000	14.940	-
Total Quantity					25.2 Sqm (Sqm)		25.2 Sqm (Square Meter)	
Amount					25.2 X 184.596394676		4651.83	

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	HYSD	1.000	0.000	0.000	0.000	0.760	0.760	-
Total Quantity					0.76 Qntl (Quintal)		0.76 Qntl (Quintal)	
Amount					0.76 X 8416.2696929		6396.36	

6. R.C.C. Work (AR0404A) : 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	column base	6.000	0.700	0.700	0.250	0.000	0.735	-
ii	trapizodal	6.000	0.226	0.000	0.300	0.000	0.406	-
iii	column	6.000	0.250	0.250	1.050	0.000	0.394	-
Total Quantity					1.534875 cum (cum)		1.534875 Cum (Cubic Meter)	
Amount					1.534875 X 6734.102388676		10336.01	

7. Plastering (AR1006) : 12mm thick cement plaster (1:4) over brickwork in inside

12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, 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	pandal	1.000	5.700	8.300	0.000	0.000	47.310	-
Total Quantity					47.31 Sqm (Sqm)		47.31 Sqm (Square Meter)	
Amount					47.31 X 207.218091068		9803.49	

8. 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	pendal	1.000	5.700	8.300	0.030	0.000	1.419	-
Total Quantity					1.4193 cum (cum)		1.4193 Cum (Cubic Meter)	
Amount					1.4193 X 8012.4684306		11372.10	

9. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	l/w	2.000	8.500	0.450	0.400	0.000	3.060	-
ii	s/w	2.000	4.500	0.450	0.400	0.000	1.620	-
iii	above gl L/W	2.000	8.300	0.250	0.900	0.000	3.735	-
iv	S/W	2.000	4.700	0.250	0.900	0.000	2.115	-
v	column	6.000	0.250	0.250	1.300	0.000	-	0.488
Total Quantity					10.0425 cum (cum)		10.0425 Cum (Cubic Meter)	
Amount					10.0425 X 5498.82620784		55221.96	

Total Amount (A) : 198309.85

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.2041	-	2041
2	Display Citizen Board @ Rs.3725	-	3725

Additional Components Amount (F) : 5766

Grand Total Amount (A + F) : 204075.85105816

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