

Detailed Estimate

OD/346/3305/116243/393096/00068193 : DEV OF SANGAMPUR PLAYGROUND

Block : Nilgiri, Gram Panchayat : Kanas

Created By: MADHUSMITA MOHANTY

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	PENDAL	2.000	40.000	1.500	1.500	0.000	180.000	-
ii		2.000	20.000	1.500	1.500	0.000	90.000	-
iii	SITTING AREA	12.000	12.000	4.000	0.830	0.000	478.080	-
Total Quantity					748.08 Cft (Cubic Foot)		21.183231744 Cum (Cubic Meter)	
Amount					21.183231744 X 240.77592		5100.41	
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	PENDAL	2.000	40.000	1.500	0.250	0.000	30.000	-
ii		2.000	20.000	1.500	0.250	0.000	15.000	-
iii	PLINTH	1.000	38.330	18.330	1.500	0.000	1053.880	-
iv	SITTING AREA	12.000	12.000	4.000	0.330	0.000	190.080	-
Total Quantity					1288.96335 Cft (Cubic Foot)		36.49931738928 Cum (Cubic Meter)	

Amount						36.49931738928 X 921.527232	33635.11	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	PENDAL	2.000	40.000	1.500	0.250	0.000	30.000	-
ii		2.000	20.000	1.500	0.250	0.000	15.000	-
iii	PLINTH	1.000	38.330	18.330	0.330	0.000	231.854	-
iv	SITTING AREA	12.000	12.000	4.000	0.330	0.000	190.080	-
Total Quantity					466.934337 Cft (Cubic Foot)		13.222086233962 Cum (Cubic Meter)	
Amount					13.222086233962 X 5971.6280502		78957.38	
4. Flooring (AR0802ii) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips								
2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	PENDAL	1.000	40.000	20.000	0.000	0.000	800.000	-
Total Quantity					800 Sft (Square Foot)		74.3224 Sqm (Square Meter)	
Amount					74.3224 X 373.034586144		27724.83	
5. 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	FIELD	1.000	100.000	100.000	1.500	0.000	15000.000	-
Total Quantity					15000 Cft (Cubic Foot)		424.752 Cum (Cubic Meter)	
Amount					424.752 X 361.33930892		153479.59	
6. 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	PENDAL	2.000	40.000	2.000	0.000	0.000	160.000	-
ii		2.000	20.000	2.000	0.000	0.000	80.000	-
Total Quantity					240 Sft (Square Foot)		22.29672 Sqm (Square Meter)	
Amount					22.29672 X 172.955373844		3856.34	
7. 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/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	PENDAL	2.000	40.000	1.500	0.500	0.000	60.000	-
ii		2.000	18.330	1.500	0.500	0.000	27.495	-
iii		2.000	40.000	0.830	2.500	0.000	166.000	-
iv		2.000	18.330	0.830	2.500	0.000	76.070	-
Total Quantity					329.5645 Cft (Cubic Foot)		9.3322120336 Cum (Cubic Meter)	
Amount					9.3322120336 X 5175.48976896		48298.77	

8. miscellaneous (ARM286) : Supplying and fixing of 60mm thick cement concrete interlocking paver block of M-30 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC

Supplying and fixing of 60mm thick cement concrete interlocking paver block of M-30 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	SITTING AREA	12.000	12.000	4.000	0.000	0.000	576.000	-
Total Quantity					576 Sft (Square Foot)		53.512128 Sqm (Square Meter)	
Amount					53.512128 X 528.045		28256.81	

9. 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	SITTING AREA	12.000	12.000	4.000	0.250	0.000	144.000	-
Total Quantity					144 Cft (Cubic Foot)		4.0776192 Cum (Cubic Meter)	
Amount					4.0776192 X 7622.8680814		31083.15	
Total Amount							410392.40	

Addition

Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							5000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							79607.60	

Provision for survey investigation and quality control (+) @	
Total Addition	89607.60
Grand Net Total Amount	500000.00

MADHUSMITA MOHANTY
JE
Nilgiri Block

Sarat kumar Upadhyay
AEE
Nilgiri Block

Bikram Kishore Parida
BDO
Nilgiri Block