

Detailed Estimate

OD/362/3460/119608/407482/00100976 : DEVELOPMENT OF KANTABADA SMASAN

Block : Bhubaneswar, Gram Panchayat : Kantabnada

Created By:Ms Priyanka Patra

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	Cutoff Wall	2.000	80.000	0.300	0.300	0.000	14.400	-
Total Quantity						14.4 cum (cum)	14.4 Cum (Cubic Meter)	
Amount						14.4 X 240.77592	3467.17	
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	Cutoff wall	2.000	80.000	0.300	0.100	0.000	4.800	-
ii	Paver Road	1.000	80.000	3.600	0.100	0.000	28.800	-
Total Quantity						33.6 cum (cum)	33.6 Cum (Cubic Meter)	
Amount						33.6 X 502.629732	16888.36	
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	PATHWAY	1.000	80.000	3.600	0.100	0.000	28.800	-
ii	CUTOFF WALL	2.000	80.000	0.300	0.100	0.000	4.800	-
Total Quantity						33.6 cum (cum)	33.6 Cum (Cubic Meter)	

		Amount		33.6 X 5720.0028415		192192.10		
4. 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	Path way walling	2.000	40.000	0.000	1.000	0.000	80.000	-
Total Quantity					80 Sqm (Sqm)		80 Sqm (Square Meter)	
		Amount		80 X 166.36473257		13309.18		
5. 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	Pathway Walling	2.000	40.000	0.250	0.250	0.000	5.000	-
Total Quantity					5 cum (cum)		5 Cum (Cubic Meter)	
		Amount		5 X 4948.3243908		24741.62		
6. 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/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	Pathway walling	2.000	45.000	0.250	0.500	0.000	11.250	-
Total Quantity					11.25 cum (cum)		11.25 Cum (Cubic Meter)	
		Amount		11.25 X 4981.6543908		56043.61		

7. 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	Pathway	1.000	50.000	3.600	0.000	0.000	180.000	-
Total Quantity							180 Sqm (Sqm)	180 Sqm (Square Meter)
Amount							180 X 507.3075	91315.35

8. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 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 80mm thick cement concrete interlocking paver block of M-40 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	Pathway	1.000	30.000	3.600	0.000	0.000	108.000	-
Total Quantity							108 Sqm (Sqm)	108 Sqm (Square Meter)
Amount							108 X 621.6165	67134.58

9. 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	2.000	30.000	0.000	1.800	0.000	108.000	-
Total Quantity							108 Sqm (Sqm)	108 Sqm (Square Meter)
Amount							108 X 239.91920265	25911.27

Total Amount (A) : 491003.25

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.5000	-	5000
2	Display Citizen Board @ Rs.3996.5	-	3996.5
Additional Components Amount (F) : 8996.5			
Grand Total Amount (A + F) : 499999.7460599			

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Sri Niranjana Biswal
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