

Detailed Estimate

OD/362/3460/275279/907612/00100972 : DEVELOPMENT AND BEAUTIFICATION OF MELAN PADIA AT LINGIPUR
Block : Bhubaneswar, Gram Panchayat : Lingipur
Created By:Sri Hemanta Samantaray

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	a	1.000	19.000	13.000	0.450	0.000	111.150	-
ii	b	1.000	15.400	4.000	0.350	0.000	21.560	-
Total Quantity					132.71 cum (cum)		132.71 Cum (Cubic Meter)	
Amount					132.71 X 240.77592		31953.37	
2. 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	A	18.000	1.500	1.500	0.100	0.000	4.050	-
ii	B	1.000	38.750	0.600	0.100	0.000	2.325	-
Total Quantity					6.375 cum (cum)		6.375 Cum (Cubic Meter)	
Amount					6.375 X 5849.444415		37290.21	
3. 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	A	0.000	0.000	0.000	0.000	0.186	0.186	-

Total Quantity	0.186 Qntl (Quintal)	0.186 Qntl (Quintal)
Amount	0.186 X 8656.9325535	1610.19

4. 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)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	A	18.000	1.500	1.500	0.100	0.000	4.050	-
Total Quantity						4.05 cum (cum)	4.05 Cum (Cubic Meter)	
Amount						4.05 X 6017.604764695	24371.30	

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/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	B	1.000	1.250	1.250	0.600	0.000	0.938	-
ii	C	1.000	15.300	0.250	0.600	0.000	2.295	-
iii	D	1.000	2.800	0.250	0.550	0.000	0.385	-
iv	E	2.000	4.000	0.250	0.650	0.000	1.300	-
v	F	1.000	8.000	0.250	0.900	0.000	1.800	-
vi	a	18.000	1.250	1.250	1.500	0.000	42.188	-
Total Quantity						48.905 cum (cum)	48.905 Cum (Cubic Meter)	
Amount						48.905 X 5123.4306158	250561.37	

6. Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork

Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	A	18.000	5.000	0.000	1.200	0.000	108.000	-
ii	B	18.000	1.500	1.500	0.000	0.000	40.500	-
Total Quantity					148.5 Sqm (Sqm)		148.5 Sqm (Square Meter)	
Amount					148.5 X 70.08544099121		10407.69	

7. Painting (AR0918f) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)

Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	a	0.000	0.000	0.000	0.000	148.500	148.500	-
Total Quantity					148.5 Sqm (Sqm)		148.5 Sqm (Square Meter)	
Amount					148.5 X 87.6182410875		13011.31	

8. Masonry Stone Work (AR0717i) : Laterite stone masonry in cement mortar (1:6) in superstructure

Laterite stone masonry in cement mortar (1:6) in superstructure cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	A	1.000	20.000	0.275	1.900	0.000	10.450	-
ii	B	1.000	7.750	0.275	1.400	0.000	2.984	-
iii	C	1.000	11.000	0.275	1.700	0.000	5.143	-
Total Quantity					18.57625 cum (cum)		18.57625 Cum (Cubic Meter)	
Amount					18.57625 X 5917.4657498		109924.32	

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
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i	a	18.000	5.000	1.400	0.000	0.000	126.000	-
ii	b	18.000	1.500	1.500	0.000	0.000	40.500	-
iii	c	1.000	8.000	0.950	0.000	0.000	7.600	-
Total Quantity					174.1 Sqm (Sqm)		174.1 Sqm (Square Meter)	
Amount					174.1 X 241.13726265		41982.00	

Total Amount (A) : 521111.76

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Display Citizen Board @ Rs.5000	-	5000
2	Provision for Contingency @ Rs.5318	-	5318
3	Any Other Lumpsum @ Rs.377	-	377
Additional Components Amount (F) : 10695			

Grand Total Amount (A + F) : 531806.7610262
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Sri Hemanta Samantaray
JE
Bhubaneswar Block

Sri Niranjana Biswal
AEE
Bhubaneswar Block

Deviprasad Mohanty
BDO
Bhubaneswar Block