

Detailed Estimate

OD/354/3380/117919/411713/00101476 : Renovation of Jagannath Mandir, Nimina
Block : Polosara, Gram Panchayat : Nimina
Created By:Indramani Sahu

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		1.000	70.800	0.600	0.600	0.000	25.488	-
Total Quantity					25.488 cum (cum)		25.488 Cum (Cubic Meter)	
Amount					25.488 X 240.77592		6136.90	
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		1.000	70.800	0.600	0.150	0.000	6.372	-
Total Quantity					6.372 cum (cum)		6.372 Cum (Cubic Meter)	
Amount					6.372 X 506.336432		3226.38	
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		1.000	70.800	0.600	0.150	0.000	6.372	-
Total Quantity					6.372 cum (cum)		6.372 Cum (Cubic Meter)	
Amount					6.372 X 4978.7734567		31724.74	
4. Masonry Stone Work (AR0703) : Random rubble H.G. stone of masonry.								

Random rubble H.G. stone of size not less than 0.0025 cum stacked masonry in cement mortar (1:6) in foundation and plinth including watering, curing for seven days 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	1st Steps	1.000	70.800	0.600	0.450	0.000	19.116	-
ii	2nd Steps	1.000	70.800	0.450	0.450	0.000	14.337	-
Total Quantity					33.453 cum (cum)		33.453 Cum (Cubic Meter)	
Amount					33.453 X 4007.004462813		134046.32	

5. R.C.C. Work (AR0402a) : Reinforced cement concrete (1:11/2:3) work with 12mm size black hard hand broken granite chips

'Reinforced cement concrete (1:1.5:3) work with 12mm size black hard hand 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. (To be used for minor repair work only)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	16.000	4.100	0.100	0.000	6.560	-
Total Quantity					6.56 cum (cum)		6.56 Cum (Cubic Meter)	
Amount					6.56 X 7153.0975177		46924.32	

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/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		1.000	98.970	0.230	1.450	0.000	33.007	-
Total Quantity					33.006495 cum (cum)		33.006495 Cum (Cubic Meter)	
Amount					33.006495 X 4998.56730136		164985.19	

7. 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	Boundary Wall Inside	1.000	98.970	1.500	0.000	0.000	148.455	-
Total Quantity							148.455 Sqm (Sqm)	148.455 Sqm (Square Meter)
Amount							148.455 X 241.00148229	35777.88

8. 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		1.000	98.970	1.500	0.000	0.000	148.455	-
Total Quantity							148.455 Sqm (Sqm)	148.455 Sqm (Square Meter)
Amount							148.455 X 167.265802454	24831.44

9. Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface)

Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces 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		2.000	98.970	1.500	0.000	0.000	296.910	-
Total Quantity							296.91 Sqm (Sqm)	296.91 Sqm (Square Meter)
Amount							296.91 X 72.855030353548	21631.39

10. 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		2.000	98.970	1.600	0.000	0.000	316.704	-
Total Quantity					316.704 Sqm (Sqm)		316.704 Sqm (Square Meter)	
Amount					316.704 X 87.87319665		27829.79	

Total Amount (A) : 497114.34

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.2500	-	2500
2	Display Citizen Board @ Rs.385.65	-	385.65
Additional Components Amount (F) :			2885.65

Grand Total Amount (A + F) : 499999.99320064

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