

Detailed Estimate

OD/369/3544/121049/408759/00063994 : RENONATION OF JAGESWARI TEMPLE AT CHAUDAMAN

Block : Pipili, Gram Panchayat : Nuasasan

Created By: HARAPRASAD JENA

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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column	6.000	1.200	1.200	1.200	0.000	10.368	-
ii	Longwall	2.000	6.100	0.600	0.600	0.000	4.392	-
iii	Shortwall	2.000	3.960	0.600	0.600	0.000	2.851	-
iv	Deduction column	6.000	1.200	0.600	0.600	0.000	-	2.592
Total Quantity					15.0192 cum (cum)		15.0192 Cum (Cubic Meter)	
Amount					15.0192 X 240.77592		3616.26	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column	6.000	1.200	1.200	0.150	0.000	1.296	-
ii	Longwall	2.000	6.100	0.600	0.150	0.000	1.098	-
iii	Shortwall	2.000	3.960	0.600	0.150	0.000	0.713	-
iv	Inside filling	1.000	5.600	3.450	0.750	0.000	14.490	-
v	Deduction	6.000	1.200	0.600	0.150	0.000	-	0.648
Total Quantity					16.9488 cum (cum)		16.9488 Cum (Cubic Meter)	

Amount		16.9488 X 644.504432					10923.58	
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	1.200	1.200	0.100	0.000	0.864	-
ii	Longwall	2.000	6.100	0.600	0.100	0.000	0.732	-
iii	Shortwall	2.000	3.960	0.600	0.100	0.000	0.475	-
iv	inside filling	1.000	5.600	3.450	0.100	0.000	1.932	-
v	Deduction column	6.000	1.200	0.600	0.100	0.000	-	0.432
Total Quantity					3.5712 cum (cum)		3.5712 Cum (Cubic Meter)	
Amount		3.5712 X 5771.0845005					20609.70	
4. Masonry Stone Work (AR0717) : Laterite stone masonry								
Laterite stone masonry in cement mortar (1:6) in foundation and plinth 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	Longwall	2.000	6.100	0.500	0.200	0.000	1.220	-
ii		2.000	6.100	0.250	0.700	0.000	2.135	-
iii	Shortwall	2.000	3.960	0.500	0.200	0.000	0.792	-
iv		2.000	3.960	0.250	0.700	0.000	1.386	-
v	col Deduction	6.000	1.200	0.250	0.900	0.000	-	1.620
Total Quantity					3.913 cum (cum)		3.913 Cum (Cubic Meter)	
Amount		3.913 X 5774.1223886					22594.14	

5. R.C.C. Work (AR0404Aa) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column base	6.000	1.200	1.200	0.200	0.000	1.728	-
ii		6.000	0.750	0.750	0.250	0.000	0.844	-
Total Quantity					2.57175 cum (cum)		2.57175 Cum (Cubic Meter)	
Amount					2.57175 X 6317.8545923115		16247.94	

6. R.C.C. Work (AR0404Ac) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column	6.000	0.250	0.250	3.650	0.000	1.369	-
ii		2.000	6.100	0.250	0.150	0.000	0.458	-
iii		2.000	3.960	0.250	0.150	0.000	0.297	-
iv		1.000	3.960	0.250	0.150	0.000	0.149	-
Total Quantity					2.27175 cum (cum)		2.27175 Cum (Cubic Meter)	
Amount					2.27175 X 14373.607979631		32653.24	

7. R.C.C. Work (AR0404Ab) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Longwall	2.000	6.100	0.250	0.200	0.000	0.610	-
ii	Shortwall	2.000	3.960	0.250	0.200	0.000	0.396	-
Total Quantity					1.006 cum (cum)		1.006 Cum (Cubic Meter)	
Amount					1.006 X 7074.6767174532		7117.12	

8. R.C.C. Work (AR0404Ad) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Longwall	2.000	6.100	0.250	0.150	0.000	0.458	-
ii	shortwall	2.000	3.960	0.250	0.150	0.000	0.297	-
Total Quantity					0.7545 cum (cum)		0.7545 Cum (Cubic Meter)	
Amount					0.7545 X 12982.138820842		9795.02	

9. R.C.C. Work (AR0404Ag) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof slab	1.000	6.600	4.250	0.100	0.000	2.805	-
Total Quantity					2.805 cum (cum)		2.805 Cum (Cubic Meter)	

Amount				2.805 X 12619.738996702		35398.37		
10. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Rod	8.550	0.000	0.000	0.000	0.000	8.550	-
Total Quantity					8.55 Qntl (Quintal)		8.55 Qntl (Quintal)	
Amount				8.55 X 8398.5080046		71807.24		
11. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Longwall	2.000	6.100	0.250	2.650	0.000	8.083	-
ii	Shortwall	2.000	3.960	0.250	2.650	0.000	5.247	-
iii		2.000	2.100	0.250	1.050	0.000	-	1.103
iv		3.000	1.450	0.250	1.200	0.000	-	1.305
Total Quantity					10.922 cum (cum)		10.922 Cum (Cubic Meter)	
Amount				10.922 X 5092.1439266		55616.40		
12. Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips								
2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specification and direction of Engineer-in charge. (new work)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction

i	Grading	1.000	6.600	4.250	0.000	0.000	28.050	-
Total Quantity					28.05 Sqm (Sqm)		28.05 Sqm (Square Meter)	
Amount					28.05 X 356.55835777		10001.46	
Total Amount							296380.48	
Addition								
Provision for survey investigation and quality control (+) @								
Display Citizen Board (+) @							619.00	
Provision for Contingency (+) @							3000.00	
Provision for EI Work (+) @								
Provision for PH Work (+) @								
Any Other Lumpsum (+) @								
Total Addition							3619.00	
Grand Net Total Amount							299999.48	

HARAPRASAD JENA
JE
Pipili Block

BASANTA KUMAR SAHOO
AEE
Pipili Block

SAROJ KUMAR ROUT
BDO
Pipili Block