

Detailed Estimate

OD/346/3309/116319/393701/00062666 : Completion of Incomplete Boundary wall at Akhandalamani temple at Khanjamahal

Block : Soro, Gram Panchayat : Mahumuhan

Created By:Chandra Sekhar Mohapatra

1. Pile Foundation (AR1501bi) : For each additional / less depth of 0.5 meter beyond initial depth of 6 meter add to / deduct delete / from the rate in single under-reamed (300mm dia) pile using 12mm size crusher broken chips in RCC M20.								
For each additional / less depth of 0.5 meter beyond initial depth of 6 meter add to / deduct delete / from the rate in single under-reamed (300mm dia) pile using 12mm size crusher broken chips in RCC M-20.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	2.50 mtr long piles	17.000	5.000	0.000	0.000	0.000	85.000	-
Total Quantity					85 Nos (Number)		85 Nos (Number)	
Amount					85 X 353.20501695378		30022.43	
2. 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	Plinth band	1.000	136.000	0.830	1.000	0.000	112.880	-
Total Quantity					112.88 Cft (Cubic Foot)		3.196400384 Cum (Cubic Meter)	
Amount					3.196400384 X 7182.4692164384		22958.05	
3. 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)								

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	columns	17.000	0.830	0.830	4.000	0.000	46.845	-
Total Quantity					46.8452 Cft (Cubic Foot)		1.32650615936 Cum (Cubic Meter)	
Amount					1.32650615936 X 14481.400478617		19209.67	

4. 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	250 mm thick	1.000	136.000	0.830	4.000	0.000	451.520	-
ii	125 mm coping	1.000	136.000	0.420	0.150	0.000	8.568	-
iii	columns	17.000	0.830	0.830	4.000	0.000	-	46.845
Total Quantity					413.2428 Cft (Cubic Foot)		11.70171371904 Cum (Cubic Meter)	
Amount					11.70171371904 X 5363.797381568		62765.62	

5. 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	Both sides	2.000	136.000	4.500	0.000	0.000	1224.000	-
Total Quantity					1224 Sft (Square Foot)		113.713272 Sqm (Square Meter)	
Amount					113.713272 X 181.2593273252		20611.59	

6. 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	10 mm in piles	17.000	4.000	3.000	0.000	0.620	126.480	-
ii	8 mm stirrups	17.000	16.000	0.650	0.000	0.390	68.952	-
iii	10 mm in plinth band	1.000	4.000	41.300	0.000	0.620	102.424	-
iv	8 mm	1.000	265.000	0.900	0.000	0.390	93.015	-
v	10 mm in columns	17.000	4.000	1.500	0.000	0.620	63.240	-
vi	8 mm	17.000	9.000	0.900	0.000	0.390	53.703	-
Total Quantity					507.814 Kg (Kilo Gram)		5.07814 Qntl (Quintal)	
Amount					5.07814 X 8632.0992593		43835.01	
Total Amount							199402.36	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							2020.00	
Display Citizen Board (+) @							615.63	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							2635.63	

Grand Net Total Amount	202037.99
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Chandra Sekhar Mohapatra
JE
Soro Block

Nirmala Kanta Parida
AEE
Soro Block

Satyanath Naik
BDO
Soro Block