

Detailed Estimate

OD/363/3478/119908/430078/00069201 : Development of Amrit Sarovar at Jamuguda.

Block : Pottangi, Gram Panchayat : Pukali

Created By: PRASANNA GARADA

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	earth work	1.000	40.000	4.000	3.000	0.000	480.000	-
ii	cutoff wall	2.000	30.000	0.300	0.300	0.000	5.400	-
iii	p wall	1.000	30.000	0.900	0.900	0.000	24.300	-
Total Quantity					509.7 cum (cum)		509.7 Cum (Cubic Meter)	
Amount					509.7 X 240.77592		122723.49	
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	cutoff wall	1.000	30.000	0.300	0.200	0.000	1.800	-
ii	p wall	1.000	30.000	0.900	0.100	0.000	2.700	-
Total Quantity					4.5 cum (cum)		4.5 Cum (Cubic Meter)	
Amount					4.5 X 1134.435232		5104.96	
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	p wall	1.000	30.000	0.400	1.700	0.000	20.400	-
Total Quantity					20.4 cum (cum)		20.4 Cum (Cubic Meter)	
Amount					20.4 X 5754.2388418		117386.47	
4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum								
Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff wall	2.000	30.000	0.200	0.200	0.000	2.400	-
ii	p wall top	1.000	30.000	0.400	0.050	0.000	0.600	-
Total Quantity					3 cum (cum)		3 Cum (Cubic Meter)	
Amount					3 X 7256.3967726		21769.19	
5. 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	paver	1.000	30.000	3.000	0.000	0.000	90.000	-
Total Quantity					90 Sqm (Sqm)		90 Sqm (Square Meter)	
Amount					90 X 640.383		57634.47	
6. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc								
Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	P WALL	1.000	30.000	0.000	1.800	0.000	54.000	-
ii	CUTTOFF WALL	2.000	30.000	0.000	0.300	0.000	18.000	-
Total Quantity					72 Sqm (Sqm)		72 Sqm (Square Meter)	
Amount					72 X 217.02363744964		15625.70	
Total Amount							340244.28	
Addition								
Display Citizen Board (+) @							4000.00	
Any Other Lumpsum (+) @							2000.00	
Provision for survey investigation and quality control (+) @							755.00	
Provision for Contingency (+) @							3000.00	
Total Addition							9755.00	
Grand Net Total Amount							349999.28	

PRASANNA GARADA
JE
Pottangi Block

ER TOPHAN KUMAR NAYAK
AEE
Pottangi Block

RAMKRISHNA NAYAK
BDO
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