

## Detailed Estimate

OD/363/3478/119903/430113/00072747 : Development of Amrit Sarovar at Katragada.

Block : Pottangi, Gram Panchayat : Kotiya

Created By: AJAYA RAM TARAI

<b>1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>								
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	cutoff wall	2.000	40.000	0.200	0.200	0.000	3.200	-
ii	P wall	1.000	70.000	0.900	0.900	0.000	56.700	-
Total Quantity					59.9 cum (cum)		59.9 Cum (Cubic Meter)	
Amount					59.9 X 240.77592		14422.48	
<b>2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>								
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	2.000	40.000	0.200	0.050	0.000	0.800	-
ii	P wall	1.000	70.000	0.900	0.100	0.000	6.300	-
Total Quantity					7.1 cum (cum)		7.1 Cum (Cubic Meter)	
Amount					7.1 X 1320.275232		9373.95	
<b>3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>								
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction

i	P wall	1.000	70.000	2.150	0.400	0.000	60.200	-
ii	steps	6.000	3.000	0.600	0.600	0.000	6.480	-
Total Quantity					66.68 cum (cum)		66.68 Cum (Cubic Meter)	
Amount					66.68 X 6074.0554933		405018.02	
<b>4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b>								
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	40.000	0.150	0.200	0.000	2.400	-
ii	p wall top	1.000	70.000	0.100	0.400	0.000	2.800	-
Total Quantity					5.2 cum (cum)		5.2 Cum (Cubic Meter)	
Amount					5.2 X 7575.7355931		39393.83	
<b>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</b>								
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 block	1.000	40.000	0.000	3.000	0.000	120.000	-
Total Quantity					120 Sqm (Sqm)		120 Sqm (Square Meter)	
Amount					120 X 645.903		77508.36	
<b>6. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b>								
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	70.000	0.000	2.150	0.000	150.500	-
ii	Cutoff wall	2.000	40.000	0.000	0.200	0.000	16.000	-
Total Quantity					166.5 Sqm (Sqm)		166.5 Sqm (Square Meter)	
Amount					166.5 X 217.49688418084		36213.23	
Total Amount							581929.87	
<b>Addition</b>								
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							3370.00	
Provision for survey investigation and quality control (+) @							4000.00	
Provision for Contingency (+) @							5700.00	
Total Addition							18070.00	
Grand Net Total Amount							599999.87	

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