

Detailed Estimate

OD/372/3569/121473/419071/00064173 : RENO OF TANK AT SANBHALUPALI

Block : Dunguripali, Gram Panchayat : Tangarkarley

Created By:KISHAN

1. Special items for irrigation works (AR0216) : Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum								
Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum size with all lifts and delifts including trimming of slopes and bed to design section and depositing the the excavated materials away from work site as per the specification and as directed by the Engineer-in-charge within an initial lead of 1km from the place of excavation complete. Per 1 cum.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Tank	1.000	37.000	14.000	2.000	0.000	1036.000	-
ii		1.000	28.950	30.000	2.000	0.000	1737.000	-
iii		1.000	25.600	18.200	1.950	0.000	908.544	-
Total Quantity					3681.544 cum (cum)		3681.544 Cum (Cubic Meter)	
Amount					3681.544 X 67.165		247270.90	
2. 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	Wall	4.000	2.500	0.750	0.750	0.000	5.625	-
ii	step	2.000	6.100	0.600	0.600	0.000	4.392	-
iii		2.000	12.000	0.600	0.600	0.000	8.640	-
Total Quantity					18.657 cum (cum)		18.657 Cum (Cubic Meter)	
Amount					18.657 X 240.77592		4492.16	
3. 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	wall	2.000	7.500	0.600	0.150	0.000	1.350	-
ii		2.000	12.000	0.600	0.150	0.000	2.160	-
iii	Bed	1.000	12.000	6.300	0.150	0.000	11.340	-
iv	wall	4.000	2.500	0.750	0.150	0.000	1.125	-
Total Quantity					15.975 cum (cum)		15.975 Cum (Cubic Meter)	
Amount					15.975 X 646.807232		10332.75	

4. 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	wall	4.000	2.500	0.750	0.300	0.000	2.250	-
ii		4.000	2.500	0.600	1.500	0.000	9.000	-
iii	Step	2.000	6.100	0.600	0.600	0.000	4.392	-
iv		2.000	12.000	0.600	0.600	0.000	8.640	-
v	Bed	1.000	12.000	6.100	0.100	0.000	7.320	-
Total Quantity					31.602 cum (cum)		31.602 Cum (Cubic Meter)	
Amount					31.602 X 5377.97835848		169954.87	

5. 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
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i	step	10.000	6.100	1.200	0.150	0.500	5.490	-
Total Quantity					5.49 cum (cum)		5.49 Cum (Cubic Meter)	
Amount					5.49 X 6821.14546976		37448.09	
6. Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside								
12mm thick cement plster (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	Outside	4.000	3.700	0.000	1.800	0.000	26.640	-
Total Quantity					26.64 Sqm (Sqm)		26.64 Sqm (Square Meter)	
Amount					26.64 X 167.4762334896		4461.57	
7. 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	wall	2.000	2.500	0.000	2.400	0.000	12.000	-
ii	wall	4.000	6.100	0.000	0.600	0.000	14.640	-
iii		4.000	12.000	0.000	0.600	0.000	28.800	-
iv	step	10.000	6.100	0.000	0.150	0.000	9.150	-
Total Quantity					64.59 Sqm (Sqm)		64.59 Sqm (Square Meter)	
Amount					64.59 X 216.23489289764		13966.61	
Total Amount							487926.94	
Addition								

Display Citizen Board (+) @	2000.00
Any Other Lumpsum (+) @	5073.00
Provision for survey investigation and quality control (+) @	
Provision for Contingency (+) @	5000.00
Total Addition	12073.00
Grand Net Total Amount	499999.94

**KISHAN
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**Dillip Kumar Bara
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