

## Detailed Estimate

**OD/361/3449/119389/387263/00075374 : CONST OF CC ROAD FROM HANUMAN TEMPLE TO PRASHANT BHOI  
HOUSE AT SARALA**

**Block : Hatadihi, Gram Panchayat : Danar  
Created By: PRAFULLA CHANDRA BEHERA**

<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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Earth work in excavation in hard soil	1.000	98.030	3.600	0.150	0.000	52.936	-
Total Quantity					52.9362 cum (cum)		52.9362 Cum (Cubic Meter)	
Amount					52.9362 X 240.77592		12745.76	
<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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Filling ( F&P) with sand well watered rammed etc complete	1.000	98.030	3.600	0.150	0.000	52.936	-
Total Quantity					52.9362 cum (cum)		52.9362 Cum (Cubic Meter)	
Amount					52.9362 X 1044.403832		55286.77	
<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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	PCC (1:3:6) using 40mm size h.g. c.b. metal	1.000	98.030	3.600	0.100	0.000	35.291	-
Total Quantity					35.2908 cum (cum)		35.2908 Cum (Cubic Meter)	
Amount					35.2908 X 5981.33430574		211086.07	
<b>4. 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	Rigid & smooth centering shuttering for casting of mass concrete	2.000	98.030	0.000	0.175	0.000	34.311	-
Total Quantity					34.3105 Sqm (Sqm)		34.3105 Sqm (Square Meter)	
Amount					34.3105 X 216.23489289764		7419.13	
<b>5. 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	C.C. (1:2:4) using 12mm size h.g. c.b. chips	1.000	98.030	3.600	0.075	0.000	26.468	-
Total Quantity					26.4681 cum (cum)		26.4681 Cum (Cubic Meter)	
Amount					26.4681 X 7438.42652538		196881.02	
<b>6. Earth Work (AR0114a) : Filling of foundation with escalated earth</b>								

Filling in foundation and plinth with excavated materials in Hard soil / Gravelly soil including watering and ramming as directed by the Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Filling ( F&P) with excavated earth	2.000	98.030	0.750	0.200	0.000	29.409	-
Total Quantity					29.409 cum (cum)		29.409 Cum (Cubic Meter)	
Amount					29.409 X 133.76408892		3933.87	
Total Amount							487352.62	
<b>Addition</b>								
Provision for Contingency (+) @							4873.53	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							2773.85	
Provision for survey investigation and quality control (+) @							0.00	
Total Addition							12647.38	
Grand Net Total Amount							499999.99	

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