

## Detailed Estimate

**OD/361/3449/119383/387158/00062819 : Const. of Paver Road from AGAB Center to Community Center at Bhatakarua Village**

**Block : Hatadihi, Gram Panchayat : Akarua**

**Created By: SAHARAI MINZ**

<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	SIDE WALL	2.000	13.250	0.250	0.300	0.000	1.988	-
ii	SIDE WALL	2.000	7.500	0.250	0.300	0.000	1.125	-
iii	SIDE WALL	1.000	7.550	0.250	0.300	0.000	0.566	-
iv	SIDE EALL	1.000	3.600	0.250	0.300	0.000	0.270	-
v	PINDI WALL	1.000	22.100	0.450	0.450	0.000	4.475	-
Total Quantity					8.424 cum (cum)		8.424 Cum (Cubic Meter)	
Amount					8.424 X 240.77592		2028.30	
<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	SIDE WALL	2.000	13.250	0.250	0.075	0.000	0.497	-
ii	SIDE WALL	2.000	7.500	0.250	0.075	0.000	0.281	-
iii	SIDE WALL	1.000	7.550	0.250	0.075	0.000	0.142	-
iv	SIDE WALL	1.000	3.600	0.250	0.075	0.000	0.068	-
v	PINDI WALL	1.000	22.100	0.450	0.075	0.000	0.746	-

vi	BED	1.000	13.250	7.850	0.200	0.000	20.803	-
vii	BED	1.000	8.600	2.700	0.200	0.000	4.644	-
viii	BED	1.000	7.500	5.900	0.200	0.000	8.850	-
ix	BED	1.000	7.550	4.000	0.200	0.000	6.040	-
Total Quantity					42.0695625 cum (cum)		42.0695625 Cum (Cubic Meter)	
Amount					42.0695625 X 912.901832		38405.38	

### 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	SIDE WALL BASE	2.000	13.250	0.250	0.100	0.000	0.663	-
ii	SIDE WALL BASE	2.000	7.500	0.250	0.100	0.000	0.375	-
iii	SIDE WALL BASE	1.000	7.550	0.250	0.100	0.000	0.189	-
iv	SIDE WALL BASE	1.000	3.600	0.250	0.100	0.000	0.090	-
v	PINDI WALL	1.000	22.100	0.375	0.375	0.000	3.108	-
vi	PINDI WALL ABOVE GL	1.000	22.100	0.375	0.600	0.000	4.973	-
Total Quantity					9.3965625 cum (cum)		9.3965625 Cum (Cubic Meter)	
Amount					9.3965625 X 5981.33430574		56203.98	

### 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	SIDE WALL	2.000	13.250	0.250	0.375	0.000	2.484	-
ii	SIDE WALL	2.000	7.500	0.250	0.375	0.000	1.406	-
iii	SIDE WALL	1.000	7.550	0.250	0.375	0.000	0.708	-
iv	SIDE WALL	1.000	3.600	0.250	0.375	0.000	0.338	-
Total Quantity					4.9359375 cum (cum)		4.9359375 Cum (Cubic Meter)	
Amount					4.9359375 X 7438.42652538		36715.61	

**5. 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	SIDE WALL	4.000	13.250	0.000	0.375	0.000	19.875	-
ii	SIDE WALL	4.000	7.500	0.000	0.375	0.000	11.250	-
iii	SIDE WALL	2.000	7.550	0.000	0.375	0.000	5.663	-
iv	SIDE WALL	2.000	3.600	0.000	0.375	0.000	2.700	-
v	PINDI WALL	2.000	22.100	0.000	0.375	0.000	16.575	-
vi	PINDI WALL ABOVE GL	2.000	22.100	0.000	0.600	0.000	26.520	-
Total Quantity					82.5825 Sqm (Sqm)		82.5825 Sqm (Square Meter)	
Amount					82.5825 X 216.23489289764		17857.22	

**6. 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	SURFACE	1.000	13.250	7.850	0.000	0.000	104.012	-
ii	SURFACE	1.000	8.600	2.700	0.000	0.000	23.220	-
iii	SURFACE	1.000	7.500	5.900	0.000	0.000	44.250	-
iv	SURFACE	1.000	7.550	4.000	0.000	0.000	30.200	-
v	SURFACE	1.000	6.200	4.250	0.000	0.000	26.350	-
Total Quantity					228.0325 Sqm (Sqm)		228.0325 Sqm (Square Meter)	
Amount					228.0325 X 633.8028		144527.64	
Total Amount							295738.12	
<b>Addition</b>								
Provision for Contingency (+) @							2957.38	
Display Citizen Board (+) @							1304.49	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							4261.87	
Grand Net Total Amount							299999.99	

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