

## Detailed Estimate

**OD/347/3312/116386/380638/00016496 : Repairing Of Mandap At Uparpada, Khuntpali**

**Block : Bargarh, Panchayat : Khuntpali**

**Created By: SANTOSH KUMAR 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Earthwork	1.000	1.200	1.200	1.200	0.000	1.728	-
ii	Earthwork	1.000	4.850	0.600	0.600	0.000	1.746	-
Total Quantity					3.474 cum (cum)		3.474 Cum (Cubic Meter)	
<b>Amount</b>					<b>3.474 X 235.56432</b>		<b>818.35</b>	
<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	Sand filling	1.000	1.200	1.200	0.150	0.000	0.216	-
ii	Sand filling	1.000	4.800	0.600	0.150	0.000	0.432	-
iii	Sand filling	1.000	6.300	4.800	0.600	0.000	18.144	-
Total Quantity					18.792 cum (cum)		18.792 Cum (Cubic Meter)	
<b>Amount</b>					<b>18.792 X 502.502472</b>		<b>9443.03</b>	
<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, rammimg, 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	Cement concrete	1.000	1.200	1.200	0.150	0.000	0.216	-

ii	Cement concrete	1.000	4.850	0.600	0.150	0.000	0.437	-
iii	Cement concrete	1.000	6.400	4.100	0.100	0.000	2.624	-
Total Quantity					3.2765 cum (cum)		3.2765 Cum (Cubic Meter)	
Amount					3.2765 X 5196.00278008		17024.70	

**4. R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips**

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (excluding centring and shuttering)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	RCC M20	1.000	1.200	1.200	0.300	0.000	0.432	-
ii	RCC M20	1.000	0.900	0.900	0.600	0.000	0.486	-
iii	RCC M20	1.000	6.400	0.300	0.300	0.000	0.576	-
iv	RCC M20	1.000	0.225	0.225	3.600	0.000	0.182	-
Total Quantity					1.67625 cum (cum)		1.67625 Cum (Cubic Meter)	
Amount					1.67625 X 5508.8543828616		9234.22	

**5. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position**

Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	MS rod	3.000	1.000	1.000	1.000	0.000	3.000	-
Total Quantity					3 Qntl (Quintal)		3 Qntl (Quintal)	
Amount					3 X 9191.6701249		27575.01	

**6. Flooring (AR0817aa) : Fixing Vitrified floor tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm**

Fixing Vitrified floor tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including rubbing and polishing complete including cost of precast tiles.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Tile	1.000	6.400	4.100	0.000	0.000	26.240	-
ii	Tile	2.000	10.500	1.200	0.000	0.000	25.200	-
Total Quantity					51.44 Sqm (Sqm)		51.44 Sqm (Square Meter)	
<b>Amount</b>					<b>51.44 X 1632.435063501</b>		<b>83972.46</b>	
<b>Total Amount</b>							<b>148067.77</b>	
<b>Addition</b>								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							0.00	
Display Citizen Board (+) @							2000.00	
Any Other Lumpsum (+) @							49932.00	
<b>Total Addition</b>							<b>51932.00</b>	
<b>Grand Net Total Amount</b>							<b>199999.77</b>	