

## Detailed Estimate

**OD/358/3410/118639/423962/00017146 : REPAIR AND MAINTAINANCE OF PHC KHAIRPADAR**

**Block : Dharamagarh, Gram Panchayat : Khairapadar**

**Created By:RAMANANDA BHOI**

<b>1. Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift</b>								
Earth work in hard soil or gravelly soil 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	Side Cut off	1.000	20.000	0.300	0.300	0.000	1.800	-
ii	End cut off	1.000	5.800	0.300	0.300	0.000	0.522	-
Total Quantity					2.322 cum (cum)		2.322 Cum (Cubic Meter)	
<b>Amount</b>					<b>2.322 X 200.6466</b>		<b>465.90</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	Road	1.000	19.600	5.600	0.100	0.000	10.976	-
Total Quantity					10.976 cum (cum)		10.976 Cum (Cubic Meter)	
<b>Amount</b>					<b>10.976 X 636.808232</b>		<b>6989.61</b>	
<b>3. 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 specifaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Side cut off	1.000	20.000	0.250	0.500	0.000	2.500	-
ii	End cut off	1.000	5.600	0.250	0.500	0.000	0.700	-
Total Quantity					3.2 cum (cum)		3.2 Cum (Cubic Meter)	
<b>Amount</b>					<b>3.2 X 7095.76189022</b>		<b>22706.44</b>	

**4. miscellaneous (ARM286) : Supplying and fixing of 60mm thick cement concrete interlocking paver block of M-30 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 60mm thick cement concrete interlocking paver block of M-30 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	19.600	5.600	0.000	0.000	109.760	-
Total Quantity					109.76 Sqm (Sqm)		109.76 Sqm (Square Meter)	
<b>Amount</b>					<b>109.76 X 513.95</b>		<b>56411.15</b>	

**5. Roofing (AR1132) : Supplying, feeting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties**

Supplying, fitting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof	1.000	24.000	5.800	0.000	0.000	139.200	-
Total Quantity					139.2 Sqm (Sqm)		139.2 Sqm (Square Meter)	
<b>Amount</b>					<b>139.2 X 521.68329931032</b>		<b>72618.32</b>	
<b>Total Amount</b>							<b>159191.41</b>	

**Addition**

Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							4000.00	
Display Citizen Board (+) @							2000.00	
Any Other Lumpsum (+) @							34807.00	
<b>Total Addition</b>							<b>40807.00</b>	
<b>Grand Net Total Amount</b>							<b>199998.41</b>	