

## Detailed Estimate

**OD/361/3448/119371/386489/00049802 : Improvement of road from Junga GP office to kalyan mandap**  
**Block : Harichadanpur, Gram Panchayat : Junga**  
**Created By:Pabitra kumar mallik**

<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	CC Road bed	1.000	30.000	3.600	0.100	0.000	10.800	-
ii	CC Road cut off	2.000	30.000	0.250	0.150	0.000	2.250	-
iii	Drain	1.000	70.000	1.350	0.450	0.000	42.525	-
Total Quantity					55.575 cum (cum)		55.575 Cum (Cubic Meter)	
Amount					55.575 X 240.77592		13381.12	
<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	CC Road Cut off	2.000	30.000	0.250	0.075	0.000	1.125	-
ii	CC Road Bed	1.000	30.000	3.100	0.075	0.000	6.975	-
iii	Drain bed	1.000	70.000	1.350	0.100	0.000	9.450	-
Total Quantity					17.55 cum (cum)		17.55 Cum (Cubic Meter)	
Amount					17.55 X 1070.865832		18793.70	
<b>3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</b>								

Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	CC Road Cut off	2.000	30.000	0.250	0.150	0.000	2.250	-
ii	CC Road surface	1.000	30.000	3.600	0.100	0.000	10.800	-
iii	Drain Bed	1.000	70.000	1.350	0.100	0.000	9.450	-
iv	Drain wall	2.000	70.000	0.300	0.450	0.000	18.900	-
Total Quantity					41.4 cum (cum)		41.4 Cum (Cubic Meter)	
Amount					41.4 X 5590.05309232		231428.20	

**4. R.C.C. Work (AR0404Ag) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	slab	20.000	1.200	1.200	0.075	0.000	2.160	-
ii	slab	1.000	4.000	1.200	0.150	0.000	0.720	-
Total Quantity					2.88 cum (cum)		2.88 Cum (Cubic Meter)	
Amount					2.88 X 12775.634232023		36793.83	

**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	Rod	0.900	2.880	0.000	0.000	0.000	2.592	-

Total Quantity				2.592 Qntl (Quintal)			2.592 Qntl (Quintal)	
Amount				2.592 X 9267.2761797			24020.78	
<b>6. 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	CC Road	1.000	30.000	3.600	0.075	0.000	8.100	-
ii	Drain bed	1.000	70.000	0.600	0.050	0.000	2.100	-
iii	Drain wall	2.000	70.000	0.300	0.050	0.000	2.100	-
Total Quantity				12.3 cum (cum)			12.3 Cum (Cubic Meter)	
Amount				12.3 X 7425.06568584			91328.31	
<b>7. 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	CC Road Cut Off	2.000	30.000	0.000	0.400	0.000	24.000	-
ii	Drain Wall	4.000	70.000	0.000	0.450	0.000	126.000	-
Total Quantity				150 Sqm (Sqm)			150 Sqm (Square Meter)	
Amount				150 X 216.23489289764			32435.23	
<b>Total Amount</b>							<b>448181.16</b>	
<b>Addition</b>								
Provision for PH Work (+) @								

Provision for EI Work (+) @	
Provision for Contingency (+) @	4481.81
Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	753.00
Provision for survey investigation and quality control (+) @	1584.02
<b>Total Addition</b>	<b>11818.83</b>
<b>Grand Net Total Amount</b>	<b>460000.00</b>

**Pabitra kumar mallik**  
**JE**  
**Harichadanpur Block**

**KendujharHarichandanpurAEE**  
**AEE**  
**Harichadanpur Block**

**KendujharHarichadanpurBDO**  
**BDO**  
**Harichadanpur Block**