

Detailed Estimate

OD/345/3285/275194/420042/00014467 : Const. of CC road at Duanpali school to bandha under Kutumdola GP

Block : Balangir, Panchayat : Kutumdola

Created By: Nirlipta Samal

| 1. Earth Work (AR0101a) : Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift | | | | | | | | |
|--|-------------|-------|---------|--------|-------|--------------------------------------|--------------------------------|-----------|
| Earth work in ordinary 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 direction of the Engineer-in-charge per 100 cum | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | Road base | 1.000 | 166.000 | 12.000 | 0.330 | 0.000 | 657.360 | - |
| ii | cutoff wall | 2.000 | 166.000 | 0.750 | 0.750 | 0.000 | 186.750 | - |
| Total Quantity | | | | | | 844.11 Cft (Cubic Foot) | 23.902494048 Cum (Cubic Meter) | |
| Amount | | | | | | 23.902494048 X 146.0864 | 3491.83 | |
| 2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed | | | | | | | | |
| 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 base | 1.000 | 166.000 | 10.500 | 0.330 | 0.000 | 575.190 | - |
| ii | cutoff wall | 2.000 | 166.000 | 0.750 | 0.250 | 0.000 | 62.250 | - |
| Total Quantity | | | | | | 637.44 Cft (Cubic Foot) | 18.050260992 Cum (Cubic Meter) | |
| Amount | | | | | | 18.050260992 X 514.198272 | 9281.41 | |
| 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. | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | cutoff wall | 2.000 | 166.000 | 0.750 | 0.830 | 0.000 | 206.670 | - |
| ii | base | 1.000 | 166.000 | 12.000 | 0.330 | 0.000 | 657.360 | - |

| | | | | | | | | |
|--|-------------|-------|---------|---------|-------|--|--------------------------------|-----------|
| Total Quantity | | | | | | 864.03 Cft (Cubic Foot) | 24.466564704 Cum (Cubic Meter) | |
| Amount | | | | | | 24.466564704 X 5503.48534592 | 134651.38 | |
| 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 and as per direction of Engineer-in charge. | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | road | 1.000 | 166.000 | 12.000 | 0.330 | 0.000 | 657.360 | - |
| Total Quantity | | | | | | 657.36 Cft (Cubic Foot) | 18.614331648 Cum (Cubic Meter) | |
| Amount | | | | | | 18.614331648 X 7121.40082304 | 132560.12 | |
| 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 centering 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 | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | cutoff wall | 2.000 | 2.000 | 166.000 | 0.330 | 0.000 | 219.120 | - |
| ii | road | 1.000 | 2.000 | 166.000 | 0.660 | 0.000 | 219.120 | - |
| Total Quantity | | | | | | 438.24 Sft (Square Foot) | 40.71381072 Sqm (Square Meter) | |
| Amount | | | | | | 40.71381072 X 215.22489289764 | 8762.63 | |
| Total Amount | | | | | | | 288747.36 | |
| Addition | | | | | | | | |
| Provision for Contingency (+) @ | | | | | | | 3000.00 | |
| Display Citizen Board (+) @ | | | | | | | 3000.00 | |
| Any Other Lumpsum (+) @ | | | | | | | 5252.00 | |
| Total Addition | | | | | | | 11252.00 | |
| Grand Net Total Amount | | | | | | | 299999.36 | |