

Detailed Estimate

OD/353/3361/117521/413985/00071029 : Construction of C.C Road from RD Road to Partipanga Sahi in Convergence with MGNREGA

Block : Nuagada, Gram Panchayat : Anuguru

Created By: Sarbeswar Sahu

| 1. Earth Work (AR0103a) : Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift | | | | | | | | |
|---|-------------|-------|--------|-------|-----------------------|-------|----------------------------|-----------|
| Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | Leveling | 1.000 | 46.600 | 3.650 | 0.150 | 0.000 | 25.514 | - |
| ii | Cutoff | 2.000 | 46.600 | 0.230 | 0.230 | 0.000 | 4.930 | - |
| Total Quantity | | | | | 30.44378 cum (cum) | | 30.44378 Cum (Cubic Meter) | |
| Amount | | | | | 30.44378 X 312.915372 | | 9526.33 | |
| 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. | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | Cutoff | 2.000 | 46.600 | 0.230 | 0.050 | 0.000 | 1.072 | - |
| ii | Surface | 1.000 | 46.600 | 3.190 | 0.100 | 0.000 | 14.865 | - |
| Total Quantity | | | | | 15.9372 cum (cum) | | 15.9372 Cum (Cubic Meter) | |
| Amount | | | | | 15.9372 X 1151.403232 | | 18350.14 | |
| 3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal | | | | | | | | |
| 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. | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |

| | | | | | | | | |
|---|-------------|-------|--------|-------|-----------------------------|-------|----------------------------|-----------|
| i | Cutoff | 2.000 | 46.600 | 0.230 | 0.280 | 0.000 | 6.002 | - |
| ii | Surface | 1.000 | 46.600 | 3.650 | 0.100 | 0.000 | 17.009 | - |
| Total Quantity | | | | | 23.01108 cum (cum) | | 23.01108 Cum (Cubic Meter) | |
| Amount | | | | | 23.01108 X 5472.45120722 | | 125927.01 | |
| 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 | Surface | 1.000 | 46.600 | 3.650 | 0.100 | 0.000 | 17.009 | - |
| Total Quantity | | | | | 17.009 cum (cum) | | 17.009 Cum (Cubic Meter) | |
| Amount | | | | | 17.009 X 7558.60852214 | | 128564.37 | |
| 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 | Cutoff | 2.000 | 46.600 | 0.480 | 1.000 | 0.000 | 44.736 | - |
| Total Quantity | | | | | 44.736 Sqm (Sqm) | | 44.736 Sqm (Square Meter) | |
| Amount | | | | | 44.736 X 216.39264180804 | | 9680.54 | |
| Total Amount | | | | | | | 292048.40 | |
| Addition | | | | | | | | |
| Provision for Contingency (+) @ | | | | | | | 3000.00 | |
| Display Citizen Board (+) @ | | | | | | | 4500.00 | |

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| Any Other Lumpsum (+) @ | 451.60 |
| Provision for survey investigation and quality control (+) @ | |
| Total Addition | 7951.60 |
| Grand Net Total Amount | 300000.00 |

Sarbeswar Sahu
JE
Nuagada Block

Pradiumna kumar dash
AEE
Nuagada Block

Loknath Sabar
BDO
Nuagada Block