

Detailed Estimate

OD/363/3479/119913/429976/00067461 : Const of CC road at Satsang Bhejaput
Block : Semiliguda, Gram Panchayat : Charangul
Created By:PREETIMAYEE

| 1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift | | | | | | | | |
|--|-------------|-------|--------|-------|------------------------|-------|---------------------------|-----------|
| 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 | Cut off | 2.000 | 52.000 | 0.200 | 0.150 | 0.000 | 3.120 | - |
| ii | Drain | 1.000 | 8.900 | 0.900 | 0.300 | 0.000 | 2.403 | - |
| Total Quantity | | | | | 5.523 cum (cum) | | 5.523 Cum (Cubic Meter) | |
| Amount | | | | | 5.523 X 240.77592 | | 1329.81 | |
| 2. 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 | Cut off | 2.000 | 52.000 | 0.200 | 0.150 | 0.000 | 3.120 | - |
| ii | Drain Bed | 1.000 | 8.900 | 0.900 | 0.100 | 0.000 | 0.801 | - |
| iii | Road Bed | 1.000 | 8.500 | 4.500 | 0.100 | 0.000 | 3.825 | - |
| iv | Road Bed | 1.000 | 24.300 | 3.750 | 0.100 | 0.000 | 9.113 | - |
| v | Road Bed | 1.000 | 19.600 | 4.000 | 0.100 | 0.000 | 7.840 | - |
| Total Quantity | | | | | 24.6985 cum (cum) | | 24.6985 Cum (Cubic Meter) | |
| Amount | | | | | 24.6985 X 5456.0769438 | | 134756.92 | |

3. 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 | Drain Wall | 4.000 | 8.900 | 1.000 | 0.500 | 0.000 | 17.800 | - |
| Total Quantity | | | | | 17.8 Sqm (Sqm) | | 17.8 Sqm (Square Meter) | |
| Amount | | | | | 17.8 X 216.39264180804 | | 3851.79 | |

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)

| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|------------------|-------|-------|-------|---------------------------|-------|-------------------------|-----------|
| i | Drain Foundation | 1.000 | 8.900 | 0.900 | 0.100 | 0.000 | 0.801 | - |
| ii | Drain Wall | 2.000 | 8.900 | 0.150 | 0.500 | 0.000 | 1.335 | - |
| Total Quantity | | | | | 2.136 cum (cum) | | 2.136 Cum (Cubic Meter) | |
| Amount | | | | | 2.136 X 5669.007204806 | | 12109.00 | |

5. 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 | Road Top | 1.000 | 8.500 | 4.500 | 0.087 | 0.000 | 3.328 | - |
| ii | Road Top | 1.000 | 24.300 | 3.750 | 0.087 | 0.000 | 7.928 | - |
| iii | Road Top | 1.000 | 19.600 | 4.000 | 0.087 | 0.000 | 6.821 | - |

| | | | | | | | | |
|---|-------------|-----------------------------|-------|-----------------------------|---------------------|-------|---------------------|-----------|
| Total Quantity | | 18.076425 cum (cum) | | 18.076425 Cum (Cubic Meter) | | | | |
| Amount | | 18.076425 X 6950.8557136 | | 125646.62 | | | | |
| 6. 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. | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | HYSD BAR | 0.750 | 0.000 | 0.000 | 0.000 | 0.000 | 0.750 | - |
| Total Quantity | | | | | 0.75 Qntl (Quintal) | | 0.75 Qntl (Quintal) | |
| Amount | | | | | 0.75 X 8442.3794049 | | 6331.78 | |
| Total Amount | | | | | | | 284025.92 | |
| Addition | | | | | | | | |
| Provision for Contingency (+) @ | | | | | | | 2840.26 | |
| Display Citizen Board (+) @ | | | | | | | 2250.00 | |
| Any Other Lumpsum (+) @ | | | | | | | 10883.00 | |
| Provision for survey investigation and quality control (+) @ | | | | | | | | |
| Total Addition | | | | | | | 15973.26 | |
| Grand Net Total Amount | | | | | | | 299999.18 | |

PREETIMAYEE
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Semiliguda Block

ER TOPHAN KUMAR NAYAK
AEE
Semiliguda Block

JASHMIN KUMAR PRADHAN
BDO
Semiliguda Block