

Detailed Estimate

OD/366/3520/120531/427237/00085971 : Kumarsahi road
Block : Raighar, Gram Panchayat : Bobei
Created By: DURGAPRASAD HANSDAH

| 1. Road Work (AR1341a) : Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam | | | | | | | | |
|--|-------------|-------|-------|-------|--------------------------------|-------|-----------------------------|-----------|
| Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per Clause 404 of MoRT&H Specifications for Road & Bridge works(Last Revision). | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | abc | 2.000 | 2.000 | 4.000 | 2.000 | 6.000 | 192.000 | - |
| Total Quantity | | | | | 192 Cft (Cubic Foot) | | 5.4368256 Cum (Cubic Meter) | |
| Amount | | | | | 5.4368256 X 2229.8780561111 | | 12123.46 | |
| 2. Road Work (AR1341c) : Providing, laying, spreading and compacting Grading-II stone aggregates of specific sizes using moorum or gravel to water bound macadam | | | | | | | | |
| Providing, laying, spreading and compacting Grading-II stone aggregates of specific sizes using moorum or gravel to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per Clause 404 of MoRT&H Specifications for Road & Bridge works(Last Revision). | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | def | 2.000 | 6.000 | 2.000 | 4.000 | 2.000 | 192.000 | - |
| Total Quantity | | | | | 192 Cft (Cubic Foot) | | 5.4368256 Cum (Cubic Meter) | |
| Amount | | | | | 5.4368256 X 1672.0982414667 | | 9090.91 | |
| 3. Road Work (AR1341f) : Providing, laying, spreading and compacting Grading-III stone aggregates of specific sizes using stone screened dust to water bound macadam | | | | | | | | |
| Providing, laying, spreading and compacting Grading-III stone aggregates of specific sizes using stone screened dust to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per Clause 404 of MoRT&H Specifications for Road & Bridge works(Last Revision). | | | | | | | | |

| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|-------------|-------|-------|-------|---------------------------------|-------|------------------------------|-----------|
| i | xyz | 2.000 | 8.000 | 2.000 | 2.000 | 8.000 | 512.000 | - |
| Total Quantity | | | | | 512 Cft (Cubic Foot) | | 14.4982016 Cum (Cubic Meter) | |
| Amount | | | | | 14.4982016 X 1884.5234031111 | | 27322.20 | |

4. Road Work (AR1354b) : Providing and laying 25 mm thick mastic asphalt wearing course with paving grade bitumen (packed) (from Haldia)

Providing and laying 25 mm thick mastic asphalt wearing course with paving grade bitumen (packed) (from Haldia) meeting the requirements given in table 500-29, prepared by using mastic cooker and laid to required level and slope after cleaning the surface, including providing antiskid surface with bitumen precoated fine grained hard stone chipping of 13.2mm nominal size @ 0.005cum per 10sqm and at an approximate spacing of 10cm center to center in both directions, pressed into surface when the temperature of surfaces is not less than 100 degree centigrade, protruding 1 mm to 4 mm over mastic surface all complete as per MoRT&H Specifications for Road & Bridge works (Last Revision) including cost conveyance, taxes, cess etc. of all materials and direction of the Engineer-in-Charge.

| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|-------------|-------|-------|-------|--------------------------------|-------|------------------------------|-----------|
| i | abani | 2.000 | 4.000 | 2.000 | 4.000 | 4.000 | 256.000 | - |
| Total Quantity | | | | | 256 Sft (Square Foot) | | 23.783168 Sqm (Square Meter) | |
| Amount | | | | | 23.783168 X 1255.5043303729 | | 29859.87 | |

5. Masonry Stone Work (AR0717) : Laterite stone masonry

Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.

| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|-------------|-------|-------|-------|------------------------------|-------|-----------------------------|-----------|
| i | dc | 2.000 | 2.000 | 1.000 | 2.000 | 4.000 | 32.000 | - |
| Total Quantity | | | | | 32 Cft (Cubic Foot) | | 0.9061376 Cum (Cubic Meter) | |
| Amount | | | | | 0.9061376 X 5269.36793576 | | 4774.77 | |

6. Road Work (AR1309i) : metal and packing the voids with small stones and hand packing the same to proper camber including conveying spreading of crusher dust

Supplying & spreading metal and packing the voids with small stones and hand packing the same to proper camber including conveying spreading of crusher dust and filling the interstices by spreading the same over the surface, watering, and consolidation with PRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and direction of Engineer-in-Charge.(To be used for minor repair works only)

| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|-------------|-------|-------|-------|--------------------------------|-------|-----------------------------|-----------|
| i | xyz | 2.000 | 2.000 | 2.000 | 1.000 | 4.000 | 32.000 | - |
| Total Quantity | | | | | 32 Cft (Cubic Foot) | | 0.9061376 Cum (Cubic Meter) | |
| Amount | | | | | 0.9061376 X 2139.0739384367 | | 1938.30 | |

| |
|------------------------------------|
| Total Amount (A) : 85109.50 |
|------------------------------------|

| Additional Components | | | |
|---|---------------------------------|--------|-----------------|
| # | Item Name | Remark | Amount (in Rs.) |
| 1 | Provision for Contingency @ 10% | - | 8510.9502997097 |
| 2 | Display Citizen Board @ 1% | - | 851.09502997097 |
| Additional Components Amount (F) : 9362.0453296807 | | | |

| |
|---|
| Grand Total Amount (A + F) : 94471.548326778 |
|---|

DURGAPRASAD HANSDAH
JE
Raighar Block

SIDDHARTH SHANKAR RANA
AEE
Raighar Block

RITU SINGH
BDO
Raighar Block