

## Analysis

**OD/369/3545/275344/409735/00013581 : Imp. Of Road from Ganganarayanapur UGME School to High School**

**Block : Sadar, Panchayat : Ganganarayanapur  
Created By:SAMBEET SATAPATHY**

### Item 1

**Earth Work (AR0115):** 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.

Sub-Item of Work

**Filling foundation and plinth with sand well watered and rammed**

#### a) Specific Rate Details

| Particular                                  | Quantity | Unit    | Rate | Amount  | GST |
|---|----------|---------|------|---------|-----|
| BRM029 : Sand for filling and road blinding | 100      | 1 Cum   | 60.5 | 6050    | 0   |
| LR002 : Female mulia                        | 12.36    | Per day | 452  | 5586.72 | 0   |

#### b) Carriage Rate Details

| Particular                                  | Quantity | Unit  | Rate   | Amount | GST |
|---|----------|-------|--------|--------|-----|
| BRM029 : Sand for filling and road blinding | 100      | 1 Cum | 458.29 | 45829  | 0   |

#### c) Royalty Rate Details

| Particular                                  | Quantity | Unit  | Rate  | Amount | GST |
|---|----------|-------|-------|--------|-----|
| BRM029 : Sand for filling and road blinding | 100      | 1 Cum | 115.5 | 11550  | 0   |

**Total Amount (a+b+c)**

69015.72

**Total GST (a)**

0

**LABOUR CESS @ 1% (+)**

690.1572

**Grand Total**

69705.8772

**Say For Unit 1 (Grand Total/100)**

697.058772

### Item 2

**Concrete (AR0303):** 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.

Sub-Item of Work

**Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal**

| <b>a) Specific Rate Details</b>  |                 |             |             |               |            |
|--|-----------------|-------------|-------------|---------------|------------|
| <b>Particular</b>  | <b>Quantity</b> | <b>Unit</b> | <b>Rate</b> | <b>Amount</b> | <b>GST</b> |
| <b>LR025 : Mason</b>   | 0.18            | Per day     | 552         | 99.36         | 0          |
| <b>LR002 : Female mulia</b>  | 1.4             | Per day     | 452         | 632.8         | 0          |
| <b>LR001 : Male mulia</b>  | 2.5             | Per day     | 452         | 1130          | 0          |
| <b>BRM340 : Cement</b>   | 2.29            | 1 Qntl.     | 566.79      | 1297.9491     | 363.425748 |
| <b>BRM028 : Screened and washed sharp sand for mortar</b>              | 0.48            | 1 Cum       | 75          | 36            | 0          |
| <b>BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)</b> | 0.96            | 1 Cum.      | 985         | 945.6         | 0          |

| <b>b) Carriage Rate Details</b>  |                 |             |             |               |            |
|--|-----------------|-------------|-------------|---------------|------------|
| <b>Particular</b>  | <b>Quantity</b> | <b>Unit</b> | <b>Rate</b> | <b>Amount</b> | <b>GST</b> |
| <b>BRM340 : Cement</b>   | 2.29            | 1 Qntl.     | 29.543      | 67.65347      | 0          |
| <b>BRM028 : Screened and washed sharp sand for mortar</b>              | 0.48            | 1 Cum       | 640.57      | 307.4736      | 0          |
| <b>BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)</b> | 0.96            | 1 Cum.      | 953.91      | 915.7536      | 0          |

| <b>c) Royalty Rate Details</b>   |                 |             |             |               |            |
|--|-----------------|-------------|-------------|---------------|------------|
| <b>Particular</b>  | <b>Quantity</b> | <b>Unit</b> | <b>Rate</b> | <b>Amount</b> | <b>GST</b> |
| <b>BRM340 : Cement</b>   | 2.29            | 1 Qntl.     | 0           | 0             | 0          |
| <b>BRM028 : Screened and washed sharp sand for mortar</b>              | 0.48            | 1 Cum       | 115.5       | 55.44         | 0          |
| <b>BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)</b> | 0.96            | 1 Cum.      | 320         | 307.2         | 0          |

|                                       |               |  |  |  |  |
|---------------------------------------|---------------|--|--|--|--|
| <b>Total Amount (a+b+c)</b>           | 5795.22977    |  |  |  |  |
| <b>Total GST (a)</b>                  | 363.425748    |  |  |  |  |
| <b>LABOUR CESS @ 1% (+)</b>           | 61.58655518   |  |  |  |  |
| <b>Grand Total</b>                    | 6220.24207318 |  |  |  |  |
| <b>Say For Unit 1 (Grand Total/1)</b> | 6220.24207318 |  |  |  |  |

| <b>Item 3</b>  |
|--|
| <b>Concrete (AR0307):</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 and as per direction of Engineer-in charge. |
| Sub-Item of Work<br><b>Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b>  |

| <b>a) Specific Rate Details</b>  |                 |             |             |               |            |
|--|-----------------|-------------|-------------|---------------|------------|
| <b>Particular</b>  | <b>Quantity</b> | <b>Unit</b> | <b>Rate</b> | <b>Amount</b> | <b>GST</b> |
| <b>LR002 : Female mulia</b>  | 1.4             | Per day     | 452         | 632.8         | 0          |
| <b>LR001 : Male mulia</b>  | 3.2             | Per day     | 452         | 1446.4        | 0          |
| <b>LR025 : Mason</b>   | 0.68            | Per day     | 552         | 375.36        | 0          |
| <b>BRM340 : Cement</b>   | 3.23            | 1 Qntl.     | 566.79      | 1830.7317     | 512.604876 |
| <b>BRM028 : Screened and washed sharp sand for mortar</b>  | 0.45            | 1 Cum       | 75          | 33.75         | 0          |
| <b>BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve &amp; retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)</b> | 0.9             | 1 Cum.      | 1396.62     | 1256.958      | 0          |

| <b>b) Carriage Rate Details</b>  |                 |             |             |               |            |
|--|-----------------|-------------|-------------|---------------|------------|
| <b>Particular</b>  | <b>Quantity</b> | <b>Unit</b> | <b>Rate</b> | <b>Amount</b> | <b>GST</b> |
| <b>BRM340 : Cement</b>   | 3.23            | 1 Qntl.     | 29.543      | 95.42389      | 0          |
| <b>BRM028 : Screened and washed sharp sand for mortar</b>  | 0.45            | 1 Cum       | 640.57      | 288.2565      | 0          |
| <b>BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve &amp; retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)</b> | 0.9             | 1 Cum.      | 953.91      | 858.519       | 0          |

| <b>c) Royalty Rate Details</b>   |                 |             |             |               |            |
|--|-----------------|-------------|-------------|---------------|------------|
| <b>Particular</b>  | <b>Quantity</b> | <b>Unit</b> | <b>Rate</b> | <b>Amount</b> | <b>GST</b> |
| <b>BRM340 : Cement</b>   | 3.23            | 1 Qntl.     | 0           | 0             | 0          |
| <b>BRM028 : Screened and washed sharp sand for mortar</b>  | 0.45            | 1 Cum       | 115.5       | 51.975        | 0          |
| <b>BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve &amp; retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)</b> | 0.9             | 1 Cum.      | 320         | 288           | 0          |

|                                       |               |
|---------------------------------------|---------------|
| <b>Total Amount (a+b+c)</b>           | 7158.17409    |
| <b>Total GST (a)</b>                  | 512.604876    |
| <b>LABOUR CESS @ 1% (+)</b>           | 76.70778966   |
| <b>Grand Total</b>                    | 7747.48675566 |
| <b>Say For Unit 1 (Grand Total/1)</b> | 7747.48675566 |

**Lipi mohapatra**  
**JE**  
**Sadar Block**

**Buddhadev Rath**  
**AEE**  
**Sadar Block**

**SAMBEET SATAPATHY**  
**BDO**  
**Sadar Block**