# Analysis

## OD/346/3304/275591/393414/00063492 : Khaira Fatepur main road to Mukunda Nayak house at Kendubhadali
## Block : Khaira, Gram Panchayat : Sarkona
## Created By:Narayan Sahu

### Item 1

**Earth Work (AR0102aa):** 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

Sub-Item of Work
**Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift**

**a) Specific Rate Details**

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|---|---|---|---|---|
| **LR002 :** Female mulia | 25.8 | Per day | 462 | 11919.6 | 0 |
| **LR001 :** Male mulia | 25.8 | Per day | 462 | 11919.6 | 0 |

| | |
|---|---|
| **Total Amount (a+b+c)** | 23839.2 |
| **Total GST (a)** | 0 |
| **OVERHEAD CHARGES @ 7.5% (+)** | 1787.94 |
| **CONTRACTOR PROFIT @ 7.5% (+)** | 1922.0355 |
| **LABOUR CESS @ 1% (+)** | 275.491755 |
| **Grand Total** | 27824.667255 |
| **Say For Unit 1 (Grand Total/100)** | 278.24667255 |

### Item 2

**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 | 71.94 | 7194 | 0 |
| **LR002 :** Female mulia | 12.36 | Per day | 462 | 5710.32 | 0 |

**b) Carriage Rate Details**

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|---|---|---|---|---|
| **BRM029 :** Sand for filling and road blinding | 100 | 1 Cum | 1073.51 | 107351 | 0 |

**c) Royalty Rate Details**

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|---|---|---|---|---|
| **BRM029 :** Sand for filling and road blinding | 100 | 1 Cum | 442.25 | 44225 | 0 |

| | |
|---|---|
| **Total Amount (a+b+c)** | 164480.32 |
| **Total GST (a)** | 0 |
| **OVERHEAD CHARGES @ 7.5% (+)** | 12336.024 |
| **CONTRACTOR PROFIT @ 7.5% (+)** | 13261.2258 |
| **LABOUR CESS @ 1% (+)** | 1900.775698 |
| **Grand Total** | 191978.345498 |
| **Say For Unit 1 (Grand Total/100)** | 1919.78345498 |

## Item 3

**Concrete (AR0303a):** 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.

Sub-Item of Work
**Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal**

**a) Specific Rate Details**

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|---|---|---|---|---|
| **LR002 :** Female mulia | 1.4 | Per day | 462 | 646.8 | 0 |
| **LR001 :** Male mulia | 2.5 | Per day | 462 | 1155 | 0 |
| **LR025 :** Mason | 0.18 | Per day | 562 | 101.16 | 0 |
| **BRM340 :** Cement | 2.29 | 1 Qntl. | 537.2 | 1230.188 | 221.43384 |
| **BRM028 :** Screened and washed sharp sand for mortar | 0.48 | 1 Cum | 76.88 | 36.9024 | 0 |
| **BRM045 :** Granite Stone broken metal 40mm. size (Hand broken) | 0.96 | 1 Cum. | 787.36 | 755.8656 | 0 |

**b) Carriage Rate Details**

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|---|---|---|---|---|
| **BRM340 :** Cement | 2.29 | 1 Qntl. | 24.787 | 56.76223 | 0 |
| **BRM028 :** Screened and washed sharp sand for mortar | 0.48 | 1 Cum | 1073.51 | 515.2848 | 0 |
| **BRM045 :** Granite Stone broken metal 40mm. size (Hand broken) | 0.96 | 1 Cum. | 679.63 | 652.4448 | 0 |

**c) Royalty Rate Details**

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|---|---|---|---|---|
| **BRM340 :** Cement | 2.29 | 1 Qntl. | 0 | 0 | 0 |
| **BRM028 :** Screened and washed sharp sand for mortar | 0.48 | 1 Cum | 442.25 | 212.28 | 0 |
| **BRM045 :** Granite Stone broken metal 40mm. size (Hand broken) | 0.96 | 1 Cum. | 1125.5 | 1080.48 | 0 |

| | |
|---|---|
| **Total Amount (a+b+c)** | 6443.16783 |
| **Total GST (a)** | 221.43384 |
| **OVERHEAD CHARGES @ 7.5% (+)** | 499.84512525 |
| **CONTRACTOR PROFIT @ 7.5% (+)** | 537.33350964375 |
| **LABOUR CESS @ 1% (+)** | 77.017803048937 |
| **Grand Total** | 7778.7981079427 |
| **Say For Unit 1 (Grand Total/1)** | 7778.7981079427 |

## Item 4

**Concrete (AR0307a):** Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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.

Sub-Item of Work
**Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum**

**a) Specific Rate Details**

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|---|---|---|---|---|
| **BRM057 :** Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve)(Hand broken) | 0.9 | 1 Cum. | 1050 | 945 | 0 |
| **LR002 :** Female mulia | 1.4 | Per day | 462 | 646.8 | 0 |
| **LR001 :** Male mulia | 3.2 | Per day | 462 | 1478.4 | 0 |
| **LR025 :** Mason | 0.68 | Per day | 562 | 382.16 | 0 |
| **BRM340 :** Cement | 3.23 | 1 Qntl. | 537.2 | 1735.156 | 312.32808 |
| **BRM028 :** Screened and washed sharp sand for mortar | 0.45 | 1 Cum | 76.88 | 34.596 | 0 |

**b) Carriage Rate Details**

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|---|---|---|---|---|
| **BRM057 :** Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve)(Hand broken) | 0.9 | 1 Cum. | 679.63 | 611.667 | 0 |
| **BRM340 :** Cement | 3.23 | 1 Qntl. | 24.787 | 80.06201 | 0 |
| **BRM028 :** Screened and washed sharp sand for mortar | 0.45 | 1 Cum | 1073.51 | 483.0795 | 0 |

**c) Royalty Rate Details**

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|---|---|---|---|---|

| | | | | | |
|---|---|---|---|---|---|
| **BRM057 :** Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve)(Hand broken) | 0.9 | 1 Cum. | 1125.5 | 1012.95 | 0 |
| **BRM340 :** Cement | 3.23 | 1 Qntl. | 0 | 0 | 0 |
| **BRM028 :** Screened and washed sharp sand for mortar | 0.45 | 1 Cum | 442.25 | 199.0125 | 0 |

| | |
|---|---|
| **Total Amount (a+b+c)** | 7608.88301 |
| **Total GST (a)** | 312.32808 |
| **OVERHEAD CHARGES @ 7.5% (+)** | 594.09083175 |
| **CONTRACTOR PROFIT @ 7.5% (+)** | 638.64764413125 |
| **LABOUR CESS @ 1% (+)** | 91.539495658812 |
| **Grand Total** | 9245.4890615401 |
| **Say For Unit 1 (Grand Total/1)** | 9245.4890615401 |

## Item 5

**R.C.C. Work (AR0410c):** 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

Sub-Item of Work
**R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc**

**a) Specific Rate Details**

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|---|---|---|---|---|
| **BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.0267 | 1Cum. | 58374.79 | 1558.606893 | 0 |
| **BRM092 :** Non-sal bullahs 75mm. mean dia of any length. | 1.26 | 1Mtr. | 30.81 | 38.8206 | 0 |
| **LR008 :** Sangi mulia | 0.5 | Per day | 512 | 256 | 0 |
| **LR027 :** Carpenter | 0.5 | Per day | 562 | 281 | 0 |

**b) Carriage Rate Details**

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|---|---|---|---|---|
| **BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.0267 | 1Cum. | 198.296 | 5.2945032 | 0 |
| **BRM092 :** Non-sal bullahs 75mm. mean dia of any length. | 0.00614 | 1Mtr. | 198.296 | 1.21753744 | 0 |

**c) Royalty Rate Details**

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|---|---|---|---|---|
| **BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.0267 | 1Cum. | 0 | 0 | 0 |
| **BRM092 :** Non-sal bullahs 75mm. mean dia of any length. | 0.00614 | 1Mtr. | 0 | 0 | 0 |

| | |
|---|---|
| **Total Amount (a+b+c)** | 2140.93953364 |
| **Total GST (a)** | 0 |
| **OVERHEAD CHARGES @ 7.5% (+)** | 160.570465023 |
| **CONTRACTOR PROFIT @ 7.5% (+)** | 172.61324989972 |
| **LABOUR CESS @ 1% (+)** | 24.741232485627 |
| **Grand Total** | 2498.8644810484 |
| **Say For Unit 1 (Grand Total/10)** | 249.88644810484 |

**Shradhananda Panigrahi**
**JE**
**Khaira Block**

**Uttam Ku Sahoo**
**AEE**
**Khaira Block**

**Narayan Sahu**
**BDO**
**Khaira Block**