

Analysis

OD/363/3470/119796/428365/00067325 : CONST OF CC ROAD AT HARIJAN SAHI
RANIGADA

Block : Jeypore, Gram Panchayat : Ranigada
Created By:SHAKTI MOHAPATRA

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 | 471.31 | 47131 | 0 |

| c) Royalty Rate Details | | | | | |
|--|----------|-------|------|--------|-----|
| Particular | Quantity | Unit | Rate | Amount | GST |
| BRM029 : Sand for filling and road blinding | 100 | 1 Cum | 59.8 | 5980 | 0 |

| | | | | | |
|---|----------------|--|--|--|--|
| Total Amount (a+b+c) | 66015.32 | | | | |
| Total GST (a) | 0 | | | | |
| OVERHEAD CHARGES @ 7.5% (+) | 4951.149 | | | | |
| CONTRACTOR PROFIT @ 7.5% (+) | 5322.485175 | | | | |
| LABOUR CESS @ 1% (+) | 762.88954175 | | | | |
| Grand Total | 77051.84371675 | | | | |
| Say For Unit 1 (Grand Total/100) | 770.5184371675 | | | | |

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| Item 3 |
| 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 |

| a) Specific Rate Details | | | | | |
|--|----------|---------|--------|----------|----------|
| Particular | Quantity | Unit | Rate | Amount | GST |
| LR025 : Mason | 0.18 | Per day | 562 | 101.16 | 0 |
| LR002 : Female mulia | 1.4 | Per day | 462 | 646.8 | 0 |
| LR001 : Male mulia | 2.5 | Per day | 462 | 1155 | 0 |
| BRM340 : Cement | 2.29 | 1 Qntl. | 547.5 | 1253.775 | 225.6795 |
| BRM028 : Screened and washed sharp sand for mortar | 0.48 | 1 Cum | 75.86 | 36.4128 | 0 |
| BRM044 : Granite Stone broken metal 40mm. size (Crusher broken) | 0.96 | 1 Cum. | 995.25 | 955.44 | 0 |

| b) Carriage Rate Details | | | | | |
|--|----------|---------|--------|----------|-----|
| Particular | Quantity | Unit | Rate | Amount | GST |
| BRM340 : Cement | 2.29 | 1 Qntl. | 36.677 | 83.99033 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.48 | 1 Cum | 471.31 | 226.2288 | 0 |
| BRM044 : Granite Stone broken metal 40mm. size (Crusher broken) | 0.96 | 1 Cum. | 341.11 | 327.4656 | 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 | 59.8 | 28.704 | 0 |
| BRM044 : Granite Stone broken metal 40mm. size (Crusher broken) | 0.96 | 1 Cum. | 281.75 | 270.48 | 0 |

| | |
|---------------------------------------|-----------------|
| Total Amount (a+b+c) | 5085.45653 |
| Total GST (a) | 225.6795 |
| OVERHEAD CHARGES @ 7.5% (+) | 398.33520225 |
| CONTRACTOR PROFIT @ 7.5% (+) | 428.21034241875 |
| LABOUR CESS @ 1% (+) | 61.376815746687 |
| Grand Total | 6199.0583904154 |
| Say For Unit 1 (Grand Total/1) | 6199.0583904154 |

Item 4

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 |

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| Say For Unit 1 (Grand Total/10) | 249.88644810484 |
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Item 5

miscellaneous (ARM287): Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.

Sub-Item of Work
Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|-------|-------|--------|-----|
| BRM029 : Sand for filling and road blinding | 0.03 | 1 Cum | 71.94 | 2.1582 | 0 |
| BRMM287 : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) | 1 | 1 Sqm | 608.4 | 608.4 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|-------|--------|---------|-----|
| BRM029 : Sand for filling and road blinding | 0.03 | 1 Cum | 471.31 | 14.1393 | 0 |

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|-------|------|--------|-----|
| BRM029 : Sand for filling and road blinding | 0.03 | 1 Cum | 59.8 | 1.794 | 0 |

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|---------------------------------------|-----------------|
| Total Amount (a+b+c) | 626.4915 |
| Total GST (a) | 0 |
| Grand Total | 2498.8644810484 |
| Say For Unit 1 (Grand Total/1) | 2498.8644810484 |

BHABANI SANKAR PATRA
JE
Jeypore Block

BIJAYA KUMAR NANDA
AEE
Jeypore Block

SHAKTI MOHAPATRA
BDO
Jeypore Block