

Analysis

OD/345/3285/115782/420275/00014442 : Imp of Play Ground at Bidighat

Block : Balangir, Panchayat : Bidighat

Created By:HRUSHIKESH GOND

Item 1

Earth Work (AR0101a): Earth work in ordinary soil 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 direction of the Engineer-in-charge.

Sub-Item of Work

Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|----------------------|----------|---------|------|--------|-----|
| LR002 : Female mulia | 16 | Per day | 452 | 7232 | 0 |
| LR001 : Male mulia | 16 | Per day | 452 | 7232 | 0 |

Total Amount (a+b+c)

14464

Total GST (a)

0

LABOUR CESS @ 1% (+)

144.64

Grand Total

14608.64

Say For Unit 1 (Grand Total/100)

146.0864

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 | 452 | 5586.72 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|----------|-------|--------|--------|-----|
| BRM029 : Sand for filling and road blinding | 100 | 1 Cum | 510.37 | 51037 | 0 |

| c) Royalty Rate Details | | | | | |
|--|-----------------|-------------|-------------|---------------|------------|
| Particular | Quantity | Unit | Rate | Amount | GST |
| BRM029 : Sand for filling and road blinding | 100 | 1 Cum | 79.25 | 7925 | 0 |

| | | | | | |
|---|--|--|--|------------|---|
| Total Amount (a+b+c) | | | | 71742.72 | |
| Total GST (a) | | | | | 0 |
| LABOUR CESS @ 1% (+) | | | | 717.4272 | |
| Grand Total | | | | 72460.1472 | |
| Say For Unit 1 (Grand Total/100) | | | | 724.601472 | |

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 | 552 | 99.36 | 0 |
| LR002 : Female mulia | 1.4 | Per day | 452 | 632.8 | 0 |
| LR001 : Male mulia | 2.5 | Per day | 452 | 1130 | 0 |
| BRM340 : Cement | 2.29 | 1 Qntl. | 601.56 | 1377.5724 | 385.720272 |
| BRM028 : Screened and washed sharp sand for mortar | 0.48 | 1 Cum | 76.88 | 36.9024 | 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. | 39.055 | 89.43595 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.48 | 1 Cum | 510.37 | 244.9776 | 0 |
| BRM044 : Granite Stone broken metal 40mm. size (Crusher broken) | 0.96 | 1 Cum. | 458.29 | 439.9584 | 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 | 79.25 | 38.04 | 0 |
| BRM044 : Granite Stone broken metal 40mm. size (Crusher broken) | 0.96 | 1 Cum. | 301.5 | 289.44 | 0 |

| | | | | | |
|---------------------------------------|---------------|--|--|--|--|
| Total Amount (a+b+c) | 5333.92675 | | | | |
| Total GST (a) | 385.720272 | | | | |
| LABOUR CESS @ 1% (+) | 57.19647022 | | | | |
| Grand Total | 5776.84349222 | | | | |
| Say For Unit 1 (Grand Total/1) | 5776.84349222 | | | | |

Item 4

Masonry Brick Work (AR0603b): Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.

Sub-Item of Work

Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|----------|----------|---------|-----------|-------------|
| LR001 : Male mulia | 2.82 | Per day | 452 | 1274.64 | 0 |
| LR025 : Mason | 1.05 | Per day | 552 | 579.6 | 0 |
| LR044 : Mason | 0.35 | Per day | 602 | 210.7 | 0 |
| BRM340 : Cement | 0.672 | 1 Qntl. | 601.56 | 404.24832 | 113.1895296 |
| BRM028 : Screened and washed sharp sand for mortar | 0.28 | 1 Cum | 76.88 | 21.5264 | 0 |
| BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm² with dimensional tolerance ± 2 % | 350 | 1000 Nos | 5.14255 | 1799.8925 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|----------|----------|--------|----------|-----|
| BRM340 : Cement | 0.672 | 1 Qntl. | 39.055 | 26.24496 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.28 | 1 Cum | 510.37 | 142.9036 | 0 |
| BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm² with dimensional tolerance ± 2 % | 350 | 1000 Nos | 0.8641 | 302.435 | 0 |

| c) Royalty Rate Details | | | | | |
|--|-----------------|-------------|-------------|---------------|------------|
| Particular | Quantity | Unit | Rate | Amount | GST |
| BRM340 : Cement | 0.672 | 1 Qntl. | 0 | 0 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.28 | 1 Cum | 79.25 | 22.19 | 0 |
| BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2\%$ | 350 | 1000 Nos | 0.04025 | 14.0875 | 0 |

| | |
|---------------------------------------|----------------|
| Total Amount (a+b+c) | 4798.46828 |
| Total GST (a) | 113.1895296 |
| LABOUR CESS @ 1% (+) | 49.116578096 |
| Grand Total | 4960.774387696 |
| Say For Unit 1 (Grand Total/1) | 4960.774387696 |

Item 5

Flooring (AR0802ii): 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.

Sub-Item of Work

2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|-----------------|-------------|-------------|---------------|-------------|
| LR001 : Male mulia | 0.14 | Per day | 452 | 63.28 | 0 |
| LR002 : Female mulia | 0.22 | Per day | 452 | 99.44 | 0 |
| LR044 : Mason | 0.13 | Per day | 602 | 78.26 | 0 |
| BRM340 : Cement | 0.0858 | 1 Qntl. | 601.56 | 51.613848 | 14.45187744 |
| BRM028 : Screened and washed sharp sand for mortar | 0.012 | 1 Cum | 76.88 | 0.92256 | 0 |
| 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) | 0.023 | 1 Cum. | 1085.19 | 24.95937 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|------------------------|-----------------|-------------|-------------|---------------|------------|
| BRM340 : Cement | 0.0858 | 1 Qntl. | 39.055 | 3.350919 | 0 |

| | | | | | |
|--|-------|-----------|--------|----------|---|
| BRM028 : Screened and washed sharp sand for mortar | 0.012 | 1 Cum | 510.37 | 6.12444 | 0 |
| 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) | 0.023 | 1 Cum. | 458.29 | 10.54067 | 0 |

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|------------|-------|--------|-----|
| BRM340 : Cement | 0.0858 | 1 Qntl. | 0 | 0 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.012 | 1 Cum | 79.25 | 0.951 | 0 |
| 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) | 0.023 | 1 Cum. | 301.5 | 6.9345 | 0 |

| | |
|---------------------------------------|----------------|
| Total Amount (a+b+c) | 346.377307 |
| Total GST (a) | 14.45187744 |
| LABOUR CESS @ 1% (+) | 3.6082918444 |
| Grand Total | 364.4374762844 |
| Say For Unit 1 (Grand Total/1) | 364.4374762844 |

Item 6

Plastering (AR1004): 12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.

Sub-Item of Work

12mm thick cement plster (1:6) over Brick work in inside

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|----------|---------|--------|-----------|------------|
| LR002 : Female mulia | 0.05 | Per day | 452 | 22.6 | 0 |
| LR001 : Male mulia | 0.07 | Per day | 452 | 31.64 | 0 |
| LR025 : Mason | 0.14 | Per day | 552 | 77.28 | 0 |
| BRM340 : Cement | 0.0358 | 1 Qntl. | 601.56 | 21.535848 | 6.03003744 |
| BRM028 : Screened and washed sharp sand for mortar | 0.015 | 1 Cum | 76.88 | 1.1532 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|------------------------|----------|---------|--------|----------|-----|
| BRM340 : Cement | 0.0358 | 1 Qntl. | 39.055 | 1.398169 | 0 |

| | | | | | |
|---|-------|-------|--------|---------|---|
| BRM028 : Screened and washed sharp sand for mortar | 0.015 | 1 Cum | 510.37 | 7.65555 | 0 |
|---|-------|-------|--------|---------|---|

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|-----------------|-------------|-------------|---------------|------------|
| BRM340 : Cement | 0.0358 | 1 Qntl. | 0 | 0 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.015 | 1 Cum | 79.25 | 1.18875 | 0 |

| | | | | | |
|---------------------------------------|----------------|--|--|--|--|
| Total Amount (a+b+c) | 164.451517 | | | | |
| Total GST (a) | 6.03003744 | | | | |
| LABOUR CESS @ 1% (+) | 1.7048155444 | | | | |
| Grand Total | 172.1863699844 | | | | |
| Say For Unit 1 (Grand Total/1) | 172.1863699844 | | | | |

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