

Analysis

**OD/358/3417/118786/424038/00069253 : Construction Of Crematerium at Jhariguda GP
Rengalpali
Block : Kokasara, Gram Panchayat : Rangelipali
Created By:Dr Himanchal Majhi**

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 | 406.21 | 40621 | 0 |

| c) Royalty Rate Details | | | | | |
|--|----------|-------|------|--------|-----|
| Particular | Quantity | Unit | Rate | Amount | GST |
| BRM029 : Sand for filling and road blinding | 100 | 1 Cum | 44 | 4400 | 0 |

| | | | | | |
|---|----------------|--|--|--|--|
| Total Amount (a+b+c) | 57925.32 | | | | |
| Total GST (a) | 0 | | | | |
| OVERHEAD CHARGES @ 7.5% (+) | 4344.399 | | | | |
| CONTRACTOR PROFIT @ 7.5% (+) | 4670.228925 | | | | |
| LABOUR CESS @ 1% (+) | 669.39947925 | | | | |
| Grand Total | 67609.34740425 | | | | |
| Say For Unit 1 (Grand Total/100) | 676.0934740425 | | | | |

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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. | 577.5 | 1322.475 | 238.0455 |
| 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. | 30.732 | 70.37628 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.48 | 1 Cum | 406.21 | 194.9808 | 0 |
| BRM044 : Granite Stone broken metal 40mm. size (Crusher broken) | 0.96 | 1 Cum. | 471.31 | 452.4576 | 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 | 44 | 21.12 | 0 |
| BRM044 : Granite Stone broken metal 40mm. size (Crusher broken) | 0.96 | 1 Cum. | 158 | 151.68 | 0 |

| | |
|---------------------------------------|-----------------|
| Total Amount (a+b+c) | 5108.39208 |
| Total GST (a) | 238.0455 |
| OVERHEAD CHARGES @ 7.5% (+) | 400.9828185 |
| CONTRACTOR PROFIT @ 7.5% (+) | 431.0565298875 |
| LABOUR CESS @ 1% (+) | 61.784769283875 |
| Grand Total | 6240.2616976714 |
| Say For Unit 1 (Grand Total/1) | 6240.2616976714 |

Item 4

Masonry Brick Work (AR0603e): Brickwork with C.B. Bricks of size (23cm x 11cm 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

C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|----------|---------|----------|---------|
| LR002 : Female mulia | 0.14 | Per day | 462 | 64.68 | 0 |
| BRM002 : Well burnt clamp burnt bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm ² with dimensional tolerance ± 8 percent. | 400 | 1000 Nos | 4.11387 | 1645.548 | 0 |
| LR001 : Male mulia | 2.82 | Per day | 462 | 1302.84 | 0 |
| LR025 : Mason | 1.05 | Per day | 562 | 590.1 | 0 |
| LR044 : Mason | 0.35 | Per day | 612 | 214.2 | 0 |
| BRM340 : Cement | 0.672 | 1 Qntl. | 577.5 | 388.08 | 69.8544 |
| BRM028 : Screened and washed sharp sand for mortar | 0.28 | 1 Cum | 76.88 | 21.5264 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|----------|---------|-----------|-----|
| BRM002 : Well burnt clamp burnt bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm ² with dimensional tolerance ± 8 percent. | 400 | 1000 Nos | 1.04474 | 417.896 | 0 |
| BRM340 : Cement | 0.672 | 1 Qntl. | 30.732 | 20.651904 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.28 | 1 Cum | 406.21 | 113.7388 | 0 |

c) Royalty Rate Details

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

| | | | | | |
|---|-------|----------|---------|-------|---|
| BRM002 : Well burnt clamp burnt bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm2 with dimensional tolerance \pm 8 percent. | 400 | 1000 Nos | 0.04025 | 16.1 | 0 |
| BRM340 : Cement | 0.672 | 1 Qntl. | 0 | 0 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.28 | 1 Cum | 44 | 12.32 | 0 |

| | |
|---------------------------------------|-----------------|
| Total Amount (a+b+c) | 4807.681104 |
| Total GST (a) | 69.8544 |
| OVERHEAD CHARGES @ 7.5% (+) | 365.8151628 |
| CONTRACTOR PROFIT @ 7.5% (+) | 393.25130001 |
| LABOUR CESS @ 1% (+) | 56.3660196681 |
| Grand Total | 5692.9679864781 |
| Say For Unit 1 (Grand Total/1) | 5692.9679864781 |

Item 5

R.C.C. Work (AR0404A): Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (excluding centring and shuttering)

Sub-Item of Work

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|----------|--------|------------|------------|
| PM096 : Generator 33KVA Generation of Electric Energy 50KVA | 0.4 | per hour | 700 | 280 | 0 |
| PM083 : Concrete Mixer 04/0.28 cum Concrete Mixing 2.5cum/hour | 0.4 | per hour | 229.55 | 91.82 | 0 |
| LR001 : Male mulia | 1.3333 | Per day | 462 | 615.9846 | 0 |
| LR025 : Mason | 0.1 | Per day | 562 | 56.2 | 0 |
| LR010 : Mate | 0.0573 | Per day | 512 | 29.3376 | 0 |
| BRM340 : Cement | 3.4733 | 1 Qntl. | 577.5 | 2005.83075 | 361.049535 |
| BRM028 : Screened and washed sharp sand for mortar | 0.45 | 1 Cum | 76.88 | 34.596 | 0 |
| BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken) | 0.36 | 1 Cum. | 1395 | 502.2 | 0 |
| BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken) | 0.54 | 1 Cum. | 1380 | 745.2 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|---------|--------|-------------|-----|
| BRM340 : Cement | 3.4733 | 1 Qntl. | 30.732 | 106.7414556 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.45 | 1 Cum | 406.21 | 182.7945 | 0 |
| BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken) | 0.36 | 1 Cum. | 471.31 | 169.6716 | 0 |
| BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken) | 0.54 | 1 Cum. | 471.31 | 254.5074 | 0 |

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|---------|------|--------|-----|
| BRM340 : Cement | 3.4733 | 1 Qntl. | 0 | 0 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.45 | 1 Cum | 44 | 19.8 | 0 |
| BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken) | 0.36 | 1 Cum. | 158 | 56.88 | 0 |
| BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken) | 0.54 | 1 Cum. | 158 | 85.32 | 0 |

| | |
|---------------------------------------|-----------------|
| Total Amount (a+b+c) | 5236.8839056 |
| Total GST (a) | 361.049535 |
| OVERHEAD CHARGES @ 7.5% (+) | 419.845008045 |
| CONTRACTOR PROFIT @ 7.5% (+) | 451.33338364838 |
| LABOUR CESS @ 1% (+) | 64.691118322934 |
| Grand Total | 6533.8029506163 |
| Say For Unit 1 (Grand Total/1) | 6533.8029506163 |

Item 6

R.C.C. Work (AR0409): Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.

Sub-Item of Work

Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---------------------------|----------|---------|------|--------|-----|
| LR001 : Male mulia | 8 | Per day | 462 | 3696 | 0 |
| LR046 : Blacksmith | 3 | Per day | 612 | 1836 | 0 |

| | | | | | |
|------------------------|------|---------|--------|---------|-----------|
| LR010 : Mate | 0.44 | Per day | 512 | 225.28 | 0 |
| BRM162 : Binding Wire. | 8 | 1 Kg. | 90.1 | 720.8 | 0 |
| BRM341 : Steel | 10.5 | 1 Qntl. | 6175.4 | 64841.7 | 11671.506 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|----------------|----------|---------|--------|---------|-----|
| BRM341 : Steel | 10.5 | 1 Qntl. | 30.732 | 322.686 | 0 |

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|----------------|----------|---------|------|--------|-----|
| BRM341 : Steel | 10.5 | 1 Qntl. | 0 | 0 | 0 |

| | |
|---------------------------------|-----------------|
| Total Amount (a+b+c) | 71642.466 |
| Total GST (a) | 11671.506 |
| OVERHEAD CHARGES @ 7.5% (+) | 6248.5479 |
| CONTRACTOR PROFIT @ 7.5% (+) | 6717.1889925 |
| LABOUR CESS @ 1% (+) | 962.797088925 |
| Grand Total | 97242.505981425 |
| Say For Unit 1 (Grand Total/10) | 9724.2505981425 |

Item 7

Masonry Brick Work (AR0603ei): Brickwork with C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure 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

C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|----------|---------|----------|-----|
| LR002 : Female mulia | 0.14 | Per day | 462 | 64.68 | 0 |
| BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK | 1 | 1 Cum | 33 | 33 | 0 |
| BRM002 : Well burnt clamp burnt bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm ² with dimensional tolerance ± 8 percent. | 400 | 1000 Nos | 4.11387 | 1645.548 | 0 |
| LR001 : Male mulia | 2.96 | Per day | 462 | 1367.52 | 0 |
| LR025 : Mason | 1.05 | Per day | 562 | 590.1 | 0 |
| LR044 : Mason | 0.35 | Per day | 612 | 214.2 | 0 |

| | | | | | |
|---|-------|---------|-------|---------|---------|
| BRM340 : Cement | 0.672 | 1 Qntl. | 577.5 | 388.08 | 69.8544 |
| BRM028 : Screened and washed sharp sand for mortar | 0.28 | 1 Cum | 76.88 | 21.5264 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|----------|----------|---------|-----------|-----|
| BRM002 : Well burnt clamp burnt bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm2 with dimensional tolerance \pm 8 percent. | 400 | 1000 Nos | 1.04474 | 417.896 | 0 |
| BRM340 : Cement | 0.672 | 1 Qntl. | 30.732 | 20.651904 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.28 | 1 Cum | 406.21 | 113.7388 | 0 |

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|----------|----------|---------|--------|-----|
| BRM002 : Well burnt clamp burnt bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm2 with dimensional tolerance \pm 8 percent. | 400 | 1000 Nos | 0.04025 | 16.1 | 0 |
| BRM340 : Cement | 0.672 | 1 Qntl. | 0 | 0 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.28 | 1 Cum | 44 | 12.32 | 0 |

| | |
|---------------------------------------|-----------------|
| Total Amount (a+b+c) | 4905.361104 |
| Total GST (a) | 69.8544 |
| OVERHEAD CHARGES @ 7.5% (+) | 373.1411628 |
| CONTRACTOR PROFIT @ 7.5% (+) | 401.12675001 |
| LABOUR CESS @ 1% (+) | 57.4948341681 |
| Grand Total | 5806.9782509781 |
| Say For Unit 1 (Grand Total/1) | 5806.9782509781 |

Item 8

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. | 245.856 | 6.5643552 | 0 |
| BRM092 : Non-sal bullahs 75mm. mean dia of any length. | 0.00614 | 1Mtr. | 245.856 | 1.50955584 | 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) | 2142.50140404 | | | | |
| Total GST (a) | 0 | | | | |
| OVERHEAD CHARGES @ 7.5% (+) | 160.687605303 | | | | |
| CONTRACTOR PROFIT @ 7.5% (+) | 172.73917570073 | | | | |
| LABOUR CESS @ 1% (+) | 24.759281850437 | | | | |
| Grand Total | 2500.6874668942 | | | | |
| Say For Unit 1 (Grand Total/10) | 250.06874668942 | | | | |

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|---|
| Item 9 |
| R.C.C. Work (AR0410d): 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. beams, column, grider and bressmer, etc. Data for 4.2sqm |
| Sub-Item of Work Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting |

| a) Specific Rate Details | | | | | |
|---|----------|---------|----------|-------------|-----|
| Particular | Quantity | Unit | Rate | Amount | GST |
| BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long. | 2.32 | 1Mtr | 51.87 | 120.3384 | 0 |
| BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.0218 | 1Cum. | 58374.79 | 1272.570422 | 0 |
| LR008 : Sangi mulia | 2.75 | Per day | 512 | 1408 | 0 |
| LR027 : Carpenter | 2.75 | Per day | 562 | 1545.5 | 0 |

| b) Carriage Rate Details | | | | | |
|---|----------|-------|---------|-----------|-----|
| Particular | Quantity | Unit | Rate | Amount | GST |
| BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long. | 0.0238 | 1Mtr | 245.856 | 5.8513728 | 0 |
| BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.0218 | 1Cum. | 245.856 | 5.3596608 | 0 |

| c) Royalty Rate Details | | | | | |
|--------------------------------|--|--|--|--|--|
|--------------------------------|--|--|--|--|--|

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|----------|-------|------|--------|-----|
| BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long. | 0.0238 | 1Mtr | 0 | 0 | 0 |
| BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.0218 | 1Cum. | 0 | 0 | 0 |

| | | | | | |
|---|-----------------|--|--|--|--|
| Total Amount (a+b+c) | 4357.6198556 | | | | |
| Total GST (a) | 0 | | | | |
| OVERHEAD CHARGES @ 7.5% (+) | 326.82148917 | | | | |
| CONTRACTOR PROFIT @ 7.5% (+) | 351.33310085775 | | | | |
| LABOUR CESS @ 1% (+) | 50.357744456277 | | | | |
| Grand Total | 5086.132190084 | | | | |
| Say For Unit 1 (Grand Total/4.2) | 1210.9838547819 | | | | |

Item 10

R.C.C. Work (AR0410a): 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. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height

Sub-Item of Work

Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|----------|---------|----------|-------------|-----|
| BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long. | 5.6 | 1Mtr | 51.87 | 290.472 | 0 |
| BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.0452 | 1Cum. | 58374.79 | 2638.540508 | 0 |
| LR008 : Sangi mulia | 2.75 | Per day | 512 | 1408 | 0 |
| LR027 : Carpenter | 2.75 | Per day | 562 | 1545.5 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|----------|-------|---------|------------|-----|
| BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long. | 0.069 | 1Mtr | 245.856 | 16.964064 | 0 |
| BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.0452 | 1Cum. | 245.856 | 11.1126912 | 0 |

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|----------|-------|------|--------|-----|
| BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long. | 0.069 | 1Mtr | 0 | 0 | 0 |
| BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.0452 | 1Cum. | 0 | 0 | 0 |

| | | | | | |
|-----------------------------|--------------|--|--|--|--|
| Total Amount (a+b+c) | 5910.5892632 | | | | |
| Total GST (a) | 0 | | | | |

| | |
|---------------------------------------|-----------------|
| OVERHEAD CHARGES @ 7.5% (+) | 443.29419474 |
| CONTRACTOR PROFIT @ 7.5% (+) | 476.5412593455 |
| LABOUR CESS @ 1% (+) | 68.304247172855 |
| Grand Total | 6898.7289644584 |
| Say For Unit 1 (Grand Total/9) | 766.52544049537 |

Item 11

Plastering (AR1004): 12mm thick cement plaster (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 plaster (1:6) over Brick work in inside

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|---------|-------|---------|---------|
| LR002 : Female mulia | 0.05 | Per day | 462 | 23.1 | 0 |
| LR001 : Male mulia | 0.07 | Per day | 462 | 32.34 | 0 |
| LR025 : Mason | 0.14 | Per day | 562 | 78.68 | 0 |
| BRM340 : Cement | 0.0358 | 1 Qntl. | 577.5 | 20.6745 | 3.72141 |
| 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. | 30.732 | 1.1002056 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.015 | 1 Cum | 406.21 | 6.09315 | 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 | 44 | 0.66 | 0 |

| | |
|---------------------------------------|-----------------|
| Total Amount (a+b+c) | 163.8010556 |
| Total GST (a) | 3.72141 |
| OVERHEAD CHARGES @ 7.5% (+) | 12.56418492 |
| CONTRACTOR PROFIT @ 7.5% (+) | 13.506498789 |
| LABOUR CESS @ 1% (+) | 1.93593149309 |
| Grand Total | 195.52908080209 |
| Say For Unit 1 (Grand Total/1) | 195.52908080209 |

Item 12

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 | 462 | 64.68 | 0 |
| LR002 : Female mulia | 0.22 | Per day | 462 | 101.64 | 0 |
| LR044 : Mason | 0.13 | Per day | 612 | 79.56 | 0 |
| BRM340 : Cement | 0.0858 | 1 Qntl. | 577.5 | 49.5495 | 8.91891 |
| 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. | 30.732 | 2.6368056 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.012 | 1 Cum | 406.21 | 4.87452 | 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. | 471.31 | 10.84013 | 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 | 44 | 0.528 | 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. | 158 | 3.634 | 0 |

Total Amount (a+b+c)

343.8248856

Total GST (a)

8.91891

OVERHEAD CHARGES @ 7.5% (+)

26.45578467

CONTRACTOR PROFIT @ 7.5% (+)

28.43996852025

| | |
|---------------------------------------|-----------------|
| LABOUR CESS @ 1% (+) | 4.0763954879025 |
| Grand Total | 411.71594427815 |
| Say For Unit 1 (Grand Total/1) | 411.71594427815 |

Item 13

Painting (AR0901a): Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

Sub-Item of Work

Priming one coat in inner surface with primer of approved quality over woodwork

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|----------------------------------|----------|---------|--------|----------|-----|
| LR048 : Painter/ Polisher | 0.5 | Per day | 612 | 306 | 0 |
| BRM138 : Wood Primer | 0.6975 | 1 Litre | 155.08 | 108.1683 | 0 |
| LR001 : Male mulia | 0.5 | Per day | 462 | 231 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|-----------------------------|----------|---------|---------|-----------|-----|
| BRM138 : Wood Primer | 0.6975 | 1 Litre | 0.30732 | 0.2143557 | 0 |

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|-----------------------------|----------|---------|------|--------|-----|
| BRM138 : Wood Primer | 0.6975 | 1 Litre | 0 | 0 | 0 |

| | |
|---|-----------------|
| Total Amount (a+b+c) | 645.3826557 |
| Total GST (a) | 0 |
| OVERHEAD CHARGES @ 7.5% (+) | 48.4036991775 |
| CONTRACTOR PROFIT @ 7.5% (+) | 52.033976615813 |
| LABOUR CESS @ 1% (+) | 7.4582033149331 |
| Grand Total | 753.27853480825 |
| Say For Unit 1 (Grand Total/9.3) | 80.997691914865 |

Item 14

Painting (AR0918Ai): Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.

Sub-Item of Work

Finishing wall one coat with weather coat

a) Specific Rate Details

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

| | | | | | |
|---------------------------------------|------|---------|-------|---------|---|
| BRM255 : Weather Coat (I.S.I.) | 0.75 | 1 Ltr | 189.5 | 142.125 | 0 |
| LR001 : Male mulia | 0.43 | Per day | 462 | 198.66 | 0 |
| LR048 : Painter/ Polisher | 0.36 | Per day | 612 | 220.32 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---------------------------------------|----------|-------|---------|---------|-----|
| BRM255 : Weather Coat (I.S.I.) | 0.75 | 1 Ltr | 0.30732 | 0.23049 | 0 |

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---------------------------------------|----------|-------|------|--------|-----|
| BRM255 : Weather Coat (I.S.I.) | 0.75 | 1 Ltr | 0 | 0 | 0 |

| | | | | | |
|--|-----------------|--|--|--|--|
| Total Amount (a+b+c) | 561.33549 | | | | |
| Total GST (a) | 0 | | | | |
| OVERHEAD CHARGES @ 7.5% (+) | 42.10016175 | | | | |
| CONTRACTOR PROFIT @ 7.5% (+) | 45.25767388125 | | | | |
| LABOUR CESS @ 1% (+) | 6.4869332563125 | | | | |
| Grand Total | 655.18025888756 | | | | |
| Say For Unit 1 (Grand Total/10) | 65.518025888756 | | | | |

Kirti Ranjan Behera
JE
Kokasara Block

Sukrutanand Mishra
AEE
Kokasara Block

Dr Himanchal Majhi
BDO
Kokasara Block