

Analysis

**OD/347/3312/116375/380630/00014579 : Repair and Maintenance of Nabajyoti High School
Chakarkend
Block : Bargarh, Gram Panchayat : Chakarkend
Created By:BERCIUS DUNGUNG**

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|---|
| Item 1 |
| Masonry Brick Work (AR0603bi): Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm ² 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 First floor |

| a) Specific Rate Details | | | | | |
|--|----------|----------|---------|-----------|------------|
| Particular | Quantity | Unit | Rate | Amount | GST |
| LR002 : Female mulia | 0.161 | Per day | 462 | 74.382 | 0 |
| BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK | 1 | 1 Cum | 33 | 33 | 0 |
| LR001 : Male mulia | 3.243 | Per day | 462 | 1498.266 | 0 |
| LR025 : Mason | 1.2075 | Per day | 562 | 678.615 | 0 |
| LR044 : Mason | 0.4025 | Per day | 612 | 246.33 | 0 |
| BRM340 : Cement | 0.672 | 1 Qntl. | 606.28 | 407.42016 | 73.3356288 |
| BRM028 : Screened and washed sharp sand for mortar | 0.28 | 1 Cum | 67.93 | 19.0204 | 0 |
| BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² 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. | 33.11 | 22.24992 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.28 | 1 Cum | 315.07 | 88.2196 | 0 |
| BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 % | 350 | 1000 Nos | 1.07025 | 374.5875 | 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 | 165.25 | 46.27 | 0 |

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|---|-----|----------|---|---|---|
| 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 | 0 | 0 |
|---|-----|----------|---|---|---|

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|---------------------------------------|----------------|
| Total Amount (a+b+c) | 5288.25308 |
| Total GST (a) | 73.3356288 |
| LABOUR CESS @ 1% (+) | 53.615887088 |
| Grand Total | 5415.204595888 |
| Say For Unit 1 (Grand Total/1) | 5415.204595888 |

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 | 60.3 | 6030 | 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 | 315.07 | 31507 | 0 |

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|-------|--------|--------|-----|
| BRM029 : Sand for filling and road blinding | 100 | 1 Cum | 165.25 | 16525 | 0 |

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|---|------------|
| Total Amount (a+b+c) | 59772.32 |
| Total GST (a) | 0 |
| LABOUR CESS @ 1% (+) | 597.7232 |
| Grand Total | 60370.0432 |
| Say For Unit 1 (Grand Total/100) | 603.700432 |

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. | 606.28 | 1388.3812 | 249.908616 | |
| BRM028 : Screened and washed sharp sand for mortar | 0.48 | 1 Cum | 67.93 | 32.6064 | 0 | |
| BRM044 : Granite Stone broken metal 40mm. size (Crusher broken) | 0.96 | 1 Cum. | 948.18 | 910.2528 | 0 | |

| b) Carriage Rate Details | | | | | | |
|---|----------|---------|--------|----------|-----|--|
| Particular | Quantity | Unit | Rate | Amount | GST | |
| BRM340 : Cement | 2.29 | 1 Qntl. | 33.11 | 75.8219 | 0 | |
| BRM028 : Screened and washed sharp sand for mortar | 0.48 | 1 Cum | 315.07 | 151.2336 | 0 | |
| BRM044 : Granite Stone broken metal 40mm. size (Crusher broken) | 0.96 | 1 Cum. | 367.15 | 352.464 | 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 | 165.25 | 79.32 | 0 | |
| BRM044 : Granite Stone broken metal 40mm. size (Crusher broken) | 0.96 | 1 Cum. | 249.5 | 239.52 | 0 | |

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|---------------------------------------|--|--|--|--|--|---------------|
| Total Amount (a+b+c) | | | | | | 5132.5599 |
| Total GST (a) | | | | | | 249.908616 |
| LABOUR CESS @ 1% (+) | | | | | | 53.82468516 |
| Grand Total | | | | | | 5436.29320116 |
| Say For Unit 1 (Grand Total/1) | | | | | | 5436.29320116 |

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| Item 4 |
| Concrete (AR0307): 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 as per specifaion and direction of Engineer-in charge. |
| Sub-Item of Work First floor |

| a) Specific Rate Details | | | | | | |
|---------------------------------|----------|---------|------|---------|-----|--|
| Particular | Quantity | Unit | Rate | Amount | GST | |
| LR002 : Female mulia | 1.61 | Per day | 462 | 743.82 | 0 | |
| LR001 : Male mulia | 3.68 | Per day | 462 | 1700.16 | 0 | |

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|--|-------|---------|---------|-----------|------------|
| LR025 : Mason | 0.782 | Per day | 562 | 439.484 | 0 |
| BRM340 : Cement | 3.23 | 1 Qntl. | 606.28 | 1958.2844 | 352.491192 |
| BRM028 : Screened and washed sharp sand for mortar | 0.45 | 1 Cum | 67.93 | 30.5685 | 0 |
| BRM056 : 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) (Crusher broken) | 0.9 | 1 Cum. | 1396.62 | 1256.958 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|---------|--------|----------|-----|
| BRM340 : Cement | 3.23 | 1 Qntl. | 33.11 | 106.9453 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.45 | 1 Cum | 315.07 | 141.7815 | 0 |
| BRM056 : 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) (Crusher broken) | 0.9 | 1 Cum. | 367.15 | 330.435 | 0 |

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|---------|--------|---------|-----|
| BRM340 : Cement | 3.23 | 1 Qntl. | 0 | 0 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.45 | 1 Cum | 165.25 | 74.3625 | 0 |
| BRM056 : 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) (Crusher broken) | 0.9 | 1 Cum. | 249.5 | 224.55 | 0 |

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|---------------------------------------|---------------|
| Total Amount (a+b+c) | 7007.3492 |
| Total GST (a) | 352.491192 |
| LABOUR CESS @ 1% (+) | 73.59840392 |
| Grand Total | 7433.43879592 |
| Say For Unit 1 (Grand Total/1) | 7433.43879592 |

Item 5

Plastering (AR1014): 16mm thick cement Plaster in CM (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
First Floor

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|-----------------------------|----------|---------|------|---------|-----|
| LR002 : Female mulia | 0.1133 | Per day | 462 | 52.3446 | 0 |

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|---|--------|---------|--------|----------|-----------|
| LR001 : Male mulia | 0.1339 | Per day | 462 | 61.8618 | 0 |
| LR025 : Mason | 0.1648 | Per day | 562 | 92.6176 | 0 |
| BRM340 : Cement | 0.043 | 1 Qntl. | 606.28 | 26.07004 | 4.6926072 |
| BRM028 : Screened and washed sharp sand for mortar | 0.018 | 1 Cum | 67.93 | 1.22274 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|----------|---------|--------|---------|-----|
| BRM340 : Cement | 0.043 | 1 Qntl. | 33.11 | 1.42373 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.018 | 1 Cum | 315.07 | 5.67126 | 0 |

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|----------|---------|--------|--------|-----|
| BRM340 : Cement | 0.043 | 1 Qntl. | 0 | 0 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.018 | 1 Cum | 165.25 | 2.9745 | 0 |

| | |
|---------------------------------------|---------------|
| Total Amount (a+b+c) | 244.18627 |
| Total GST (a) | 4.6926072 |
| LABOUR CESS @ 1% (+) | 2.488788772 |
| Grand Total | 251.367665972 |
| Say For Unit 1 (Grand Total/1) | 251.367665972 |

Item 6

Flooring (AR0817aa): Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.

Sub-Item of Work
First floor

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|---------|--------|----------|-----|
| BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory) | 10 | 1 Sqm. | 651.08 | 6510.8 | 0 |
| BRMMR0027 : Wax Polish | 10 | 1 Sqm | 8.5 | 85 | 0 |
| LR044 : Mason | 3.4125 | Per day | 612 | 2088.45 | 0 |
| LR001 : Male mulia | 3.4125 | Per day | 462 | 1576.575 | 0 |
| LR008 : Sangi mulia | 7.98 | Per day | 512 | 4085.76 | 0 |

| | | | | | |
|---|-------|------------|--------|---------|----------|
| BRM340 : Cement | 1.375 | 1 Qntl. | 606.28 | 833.635 | 150.0543 |
| BRM028 : Screened and washed sharp sand for mortar | 0.15 | 1 Cum | 67.93 | 10.1895 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|------------|------------|------------|-----|
| BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory) | 10 | 1 Sqm. | 11.8920557 | 118.920557 | 0 |
| BRM340 : Cement | 1.375 | 1 Qntl. | 33.11 | 45.52625 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.15 | 1 Cum | 315.07 | 47.2605 | 0 |

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|------------|--------|---------|-----|
| BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory) | 10 | 1 Sqm. | 0 | 0 | 0 |
| BRM340 : Cement | 1.375 | 1 Qntl. | 0 | 0 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.15 | 1 Cum | 165.25 | 24.7875 | 0 |

| | |
|--|----------------|
| Total Amount (a+b+c) | 15426.904307 |
| Total GST (a) | 150.0543 |
| LABOUR CESS @ 1% (+) | 155.76958607 |
| Grand Total | 15732.72819307 |
| Say For Unit 1 (Grand Total/10) | 1573.272819307 |

Item 7

Flooring (AR0817b): Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.

Sub-Item of Work

Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753)

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|------------|-------|--------|-----|
| BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753 | 10 | 1 Sqm. | 405.2 | 4052 | 0 |
| LR001 : Male mulia | 3.25 | Per day | 462 | 1501.5 | 0 |

| | | | | | |
|---|-------|---------|--------|---------|----------|
| LR044 : Mason | 3.25 | Per day | 612 | 1989 | 0 |
| BRM340 : Cement | 1.375 | 1 Qntl. | 606.28 | 833.635 | 150.0543 |
| BRM028 : Screened and washed sharp sand for mortar | 0.15 | 1 Cum | 67.93 | 10.1895 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|---------|------------|------------|-----|
| BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753 | 10 | 1 Sqm. | 11.8920557 | 118.920557 | 0 |
| BRM340 : Cement | 1.375 | 1 Qntl. | 33.11 | 45.52625 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.15 | 1 Cum | 315.07 | 47.2605 | 0 |

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|---------|--------|---------|-----|
| BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753 | 10 | 1 Sqm. | 0 | 0 | 0 |
| BRM340 : Cement | 1.375 | 1 Qntl. | 0 | 0 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.15 | 1 Cum | 165.25 | 24.7875 | 0 |

| | |
|--|---------------|
| Total Amount (a+b+c) | 8622.819307 |
| Total GST (a) | 150.0543 |
| LABOUR CESS @ 1% (+) | 87.72873607 |
| Grand Total | 8860.60234307 |
| Say For Unit 1 (Grand Total/10) | 886.060234307 |

P T SUKANTI RAJ
JE
Bargarh Block

SANTOSH KUMAR BEHERA
AEE
Bargarh Block

BERCIUS DUNGUNG
BDO
Bargarh Block