

Analysis

OD/367/3527/120657/406292/00013790 : CONST OF WAITING SHED,SEPARATE TOILET FOR MEN & WOMEN & PROVISION OF SAFE DRINKING WATER WITH MINIMUM FACILITIES

Baunsiapada

Block : Nayagarh, Gram Panchayat : Baunsiapada

Created By:Aishwarya Bhuyan

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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 Flyash Bricks of size (25cm x 12cm 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 |
| 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. | 554.5 | 372.624 | 104.33472 |
| BRM028 : Screened and washed sharp sand for mortar | 0.28 | 1 Cum | 63 | 17.64 | 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. | 24.787 | 16.656864 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.28 | 1 Cum | 354.13 | 99.1564 | 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 | 305.25 | 85.47 | 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 |

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|---------------------------------------|---------------|
| Total Amount (a+b+c) | 4912.782264 |
| Total GST (a) | 104.33472 |
| LABOUR CESS @ 1% (+) | 50.17116984 |
| Grand Total | 5067.28815384 |
| Say For Unit 1 (Grand Total/1) | 5067.28815384 |

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| Item 2 |
| R.C.C. Work (AR0404Ac): 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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc) |
| Sub-Item of Work First Floor |

| a) Specific Rate Details | | | | | |
|---|-----------------|-------------|-------------|---------------|------------|
| Particular | Quantity | Unit | Rate | Amount | GST |
| Combine :: R.C.C. Work (AR0404A) | | | | | |
| 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 | 1.533295 | Per day | 462 | 708.38229 | 0 |
| LR025 : Mason | 0.115 | Per day | 562 | 64.63 | 0 |
| LR010 : Mate | 0.065895 | Per day | 512 | 33.73824 | 0 |
| BRM340 : Cement | 3.4733 | 1 Qntl. | 554.5 | 1925.94485 | 539.264558 |
| BRM028 : Screened and washed sharp sand for mortar | 0.45 | 1 Cum | 63 | 28.35 | 0 |

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|--|-----------|---------|----------|----------------|---|
| 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. | 1418.67 | 510.7212 | 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. | 1360.29 | 734.5566 | 0 |
| Combine :: R.C.C. Work (AR0410d) | | | | | |
| BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long. | 5.30352 | 1Mtr | 51.87 | 275.0935824 | 0 |
| BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.0498348 | 1Cum. | 58374.79 | 2909.095984692 | 0 |
| LR008 : Sangi mulia | 6.2865 | Per day | 512 | 3218.688 | 0 |
| LR027 : Carpenter | 6.2865 | Per day | 562 | 3533.013 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|-----------|---------|---------|---------------|-----|
| BRM340 : Cement | 3.4733 | 1 Qntl. | 24.787 | 86.0926871 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.45 | 1 Cum | 354.13 | 159.3585 | 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. | 276.01 | 99.3636 | 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. | 276.01 | 149.0454 | 0 |
| BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long. | 0.0544068 | 1Mtr | 198.296 | 10.7886508128 | 0 |
| BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.0498348 | 1Cum. | 198.296 | 9.8820415008 | 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 | 305.25 | 137.3625 | 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. | 199.5 | 71.82 | 0 |

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|--|-----------|--------|-------|--------|---|
| 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. | 199.5 | 107.73 | 0 |
| BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long. | 0.0544068 | 1Mtr | 0 | 0 | 0 |
| BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.0498348 | 1Cum. | 0 | 0 | 0 |

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|---------------------------------------|-----------------|
| Total Amount (a+b+c) | 15145.477126506 |
| Total GST (a) | 539.264558 |
| LABOUR CESS @ 1% (+) | 156.84741684506 |
| Grand Total | 15841.589101351 |
| Say For Unit 1 (Grand Total/1) | 15841.589101351 |

Item 3

R.C.C. Work (AR0404Ad): 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)

Sub-Item of Work
First Floor

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|----------|---------|------------|------------|
| Combine :: R.C.C. Work (AR0404A) | | | | | |
| 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 | 1.533295 | Per day | 462 | 708.38229 | 0 |
| LR025 : Mason | 0.115 | Per day | 562 | 64.63 | 0 |
| LR010 : Mate | 0.065895 | Per day | 512 | 33.73824 | 0 |
| BRM340 : Cement | 3.4733 | 1 Qntl. | 554.5 | 1925.94485 | 539.264558 |
| BRM028 : Screened and washed sharp sand for mortar | 0.45 | 1 Cum | 63 | 28.35 | 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. | 1418.67 | 510.7212 | 0 |

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|--|-----------|---------|----------|----------------|---|
| 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. | 1360.29 | 734.5566 | 0 |
| Combine :: R.C.C. Work (AR0410e) | | | | | |
| BRM094 : Non-sal bullahs 125mm. mean dia of any length. | 4.5234 | 1Mtr. | 41.81 | 189.123354 | 0 |
| BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.0889602 | 1Cum. | 58374.79 | 5193.032993358 | 0 |
| LR008 : Sangi mulia | 2.6925 | Per day | 512 | 1378.56 | 0 |
| LR027 : Carpenter | 2.6925 | Per day | 562 | 1513.185 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|-----------|---------|---------|---------------|-----|
| BRM340 : Cement | 3.4733 | 1 Qntl. | 24.787 | 86.0926871 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.45 | 1 Cum | 354.13 | 159.3585 | 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. | 276.01 | 99.3636 | 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. | 276.01 | 149.0454 | 0 |
| BRM094 : Non-sal bullahs 125mm. mean dia of any length. | 0.0594504 | 1Mtr. | 198.296 | 11.7887765184 | 0 |
| BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.0889602 | 1Cum. | 198.296 | 17.6404518192 | 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 | 305.25 | 137.3625 | 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. | 199.5 | 71.82 | 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. | 199.5 | 107.73 | 0 |
| BRM094 : Non-sal bullahs 125mm. mean dia of any length. | 0.0594504 | 1Mtr. | 0 | 0 | 0 |

| | | | | | |
|---|-----------|-------|---|---|---|
| BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.0889602 | 1Cum. | 0 | 0 | 0 |
|---|-----------|-------|---|---|---|

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|---------------------------------------|-----------------|
| Total Amount (a+b+c) | 13492.246442796 |
| Total GST (a) | 539.264558 |
| LABOUR CESS @ 1% (+) | 140.31511000796 |
| Grand Total | 14171.826110804 |
| Say For Unit 1 (Grand Total/1) | 14171.826110804 |

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| Item 4 |
| R.C.C. Work (AR0404Ag): 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade) |
| Sub-Item of Work First Floor |

| a) Specific Rate Details | | | | | |
|--|-----------------|-------------|-------------|---------------|------------|
| Particular | Quantity | Unit | Rate | Amount | GST |
| Combine :: R.C.C. Work (AR0404A) | | | | | |
| 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 | 1.533295 | Per day | 462 | 708.38229 | 0 |
| LR025 : Mason | 0.115 | Per day | 562 | 64.63 | 0 |
| LR010 : Mate | 0.065895 | Per day | 512 | 33.73824 | 0 |
| BRM340 : Cement | 3.4733 | 1 Qntl. | 554.5 | 1925.94485 | 539.264558 |
| BRM028 : Screened and washed sharp sand for mortar | 0.45 | 1 Cum | 63 | 28.35 | 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. | 1418.67 | 510.7212 | 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. | 1360.29 | 734.5566 | 0 |
| Combine :: R.C.C. Work (AR0410a) | | | | | |

| | | | | | |
|---|------------|---------|----------|-----------------|---|
| BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long. | 7.46592 | 1Mtr | 51.87 | 387.2572704 | 0 |
| BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.06026064 | 1Cum. | 58374.79 | 3517.7022052656 | 0 |
| LR008 : Sangi mulia | 3.6663 | Per day | 512 | 1877.1456 | 0 |
| LR027 : Carpenter | 3.6663 | Per day | 562 | 2060.4606 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|------------|---------|---------|----------------|-----|
| BRM340 : Cement | 3.4733 | 1 Qntl. | 24.787 | 86.0926871 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.45 | 1 Cum | 354.13 | 159.3585 | 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. | 276.01 | 99.3636 | 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. | 276.01 | 149.0454 | 0 |
| BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long. | 0.0919908 | 1Mtr | 198.296 | 18.2414076768 | 0 |
| BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.06026064 | 1Cum. | 198.296 | 11.94944386944 | 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 | 305.25 | 137.3625 | 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. | 199.5 | 71.82 | 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. | 199.5 | 107.73 | 0 |
| BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long. | 0.0919908 | 1Mtr | 0 | 0 | 0 |
| BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.06026064 | 1Cum. | 0 | 0 | 0 |

Total Amount (a+b+c)

13061.672394312

Total GST (a)

539.264558

| | |
|---------------------------------------|-----------------|
| LABOUR CESS @ 1% (+) | 136.00936952312 |
| Grand Total | 13736.946321835 |
| Say For Unit 1 (Grand Total/1) | 13736.946321835 |

Item 5

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
First floor

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|-------------------------------|----------|---------|--------|----------|-----------|
| LR001 : Male mulia | 8.4 | Per day | 462 | 3880.8 | 0 |
| LR046 : Blacksmith | 3.15 | Per day | 612 | 1927.8 | 0 |
| LR010 : Mate | 0.462 | Per day | 512 | 236.544 | 0 |
| BRM162 : Binding Wire. | 8 | 1 Kg. | 90.1 | 720.8 | 0 |
| BRM341 : Steel | 10.5 | 1 Qntl. | 6591.7 | 69212.85 | 12458.313 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|-----------------------|----------|---------|--------|----------|-----|
| BRM341 : Steel | 10.5 | 1 Qntl. | 24.787 | 260.2635 | 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) | 76239.0575 |
| Total GST (a) | 12458.313 |
| LABOUR CESS @ 1% (+) | 886.973705 |
| Grand Total | 89584.344205 |
| Say For Unit 1 (Grand Total/10) | 8958.4344205 |

Item 6

Plastering (AR1017): 20mm thick cement Plaster in CM (1:4) over stone 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 |
| LR001 : Male mulia | 0.1339 | Per day | 462 | 61.8618 | 0 |
| LR025 : Mason | 0.1648 | Per day | 562 | 92.6176 | 0 |
| BRM340 : Cement | 0.0744 | 1 Qntl. | 554.5 | 41.2548 | 11.551344 |
| BRM028 : Screened and washed sharp sand for mortar | 0.021 | 1 Cum | 63 | 1.323 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|---------|--------|-----------|-----|
| BRM340 : Cement | 0.0744 | 1 Qntl. | 24.787 | 1.8441528 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.021 | 1 Cum | 354.13 | 7.43673 | 0 |

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|---------|--------|---------|-----|
| BRM340 : Cement | 0.0744 | 1 Qntl. | 0 | 0 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.021 | 1 Cum | 305.25 | 6.41025 | 0 |

Total Amount (a+b+c)

265.0929328

Total GST (a)

11.551344

LABOUR CESS @ 1% (+)

2.766442768

Grand Total

279.410719568

Say For Unit 1 (Grand Total/1)

279.410719568

Item 7

Plastering (AR1027): 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.

Sub-Item of Work
First Floor

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|----------------------|----------|---------|------|---------|-----|
| LR001 : Male mulia | 0.1236 | Per day | 462 | 57.1032 | 0 |
| LR002 : Female mulia | 0.0515 | Per day | 462 | 23.793 | 0 |

| | | | | | |
|---|--------|---------|-------|---------|----------|
| LR025 : Mason | 0.1442 | Per day | 562 | 81.0404 | 0 |
| BRM340 : Cement | 0.0372 | 1 Qntl. | 554.5 | 20.6274 | 5.775672 |
| BRM028 : Screened and washed sharp sand for mortar | 0.0075 | 1 Cum | 63 | 0.4725 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|-----------------|-------------|-------------|---------------|------------|
| BRM340 : Cement | 0.0372 | 1 Qntl. | 24.787 | 0.9220764 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.0075 | 1 Cum | 354.13 | 2.655975 | 0 |

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|-----------------|-------------|-------------|---------------|------------|
| BRM340 : Cement | 0.0372 | 1 Qntl. | 0 | 0 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.0075 | 1 Cum | 305.25 | 2.289375 | 0 |

| | |
|---------------------------------------|---------------|
| Total Amount (a+b+c) | 188.9039264 |
| Total GST (a) | 5.775672 |
| LABOUR CESS @ 1% (+) | 1.946795984 |
| Grand Total | 196.626394384 |
| Say For Unit 1 (Grand Total/1) | 196.626394384 |

Item 8

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

First Floor

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|-----------------|-------------|-------------|---------------|------------|
| LR002 : Female mulia | 0.0515 | Per day | 462 | 23.793 | 0 |
| LR001 : Male mulia | 0.0721 | Per day | 462 | 33.3102 | 0 |
| LR025 : Mason | 0.1442 | Per day | 562 | 81.0404 | 0 |
| BRM340 : Cement | 0.0358 | 1 Qntl. | 554.5 | 19.8511 | 5.558308 |
| BRM028 : Screened and washed sharp sand for mortar | 0.015 | 1 Cum | 63 | 0.945 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|------------------------|-----------------|-------------|-------------|---------------|------------|
| BRM340 : Cement | 0.0358 | 1 Qntl. | 24.787 | 0.8873746 | 0 |

| | | | | | |
|---|-------|-------|--------|---------|---|
| BRM028 : Screened and washed sharp sand for mortar | 0.015 | 1 Cum | 354.13 | 5.31195 | 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 | 305.25 | 4.57875 | 0 |

| | | | | | |
|---------------------------------------|---------------|--|--|--|--|
| Total Amount (a+b+c) | 169.7177746 | | | | |
| Total GST (a) | 5.558308 | | | | |
| LABOUR CESS @ 1% (+) | 1.752760826 | | | | |
| Grand Total | 177.028843426 | | | | |
| Say For Unit 1 (Grand Total/1) | 177.028843426 | | | | |

Item 9

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 |
| 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. | 554.5 | 23.8435 | 6.67618 |
| BRM028 : Screened and washed sharp sand for mortar | 0.018 | 1 Cum | 63 | 1.134 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|-----------------|-------------|-------------|---------------|------------|
| BRM340 : Cement | 0.043 | 1 Qntl. | 24.787 | 1.065841 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.018 | 1 Cum | 354.13 | 6.37434 | 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 | 305.25 | 5.4945 | 0 |

| | |
|---------------------------------------|--------------|
| Total Amount (a+b+c) | 244.736181 |
| Total GST (a) | 6.67618 |
| LABOUR CESS @ 1% (+) | 2.51412361 |
| Grand Total | 253.92648461 |
| Say For Unit 1 (Grand Total/1) | 253.92648461 |

Item 10

Other Building Items. (AR1901B): Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)

Sub-Item of Work
First floor

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|---------|---------|-----------|-----------|
| BRM174 : White Cement. | 0.076 | 1Qntl | 1989.76 | 151.22176 | 0 |
| BRM340 : Cement | 1.074 | 1 Qntl. | 554.5 | 595.533 | 166.74924 |
| BRM028 : Screened and washed sharp sand for mortar | 0.21 | 1 Cum | 63 | 13.23 | 0 |
| 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. | 643.11 | 6431.1 | 0 |
| LR001 : Male mulia | 2.268 | Per day | 462 | 1047.816 | 0 |
| LR044 : Mason | 2.268 | Per day | 612 | 1388.016 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|---------|-----------|-----------|-----|
| BRM174 : White Cement. | 0.076 | 1Qntl | 24.787 | 1.883812 | 0 |
| BRM340 : Cement | 1.074 | 1 Qntl. | 24.787 | 26.621238 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.21 | 1 Cum | 354.13 | 74.3673 | 0 |
| 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. | 9.6011111 | 96.011111 | 0 |

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|---------|--------|---------|-----|
| BRM174 : White Cement. | 0.076 | 1Qntl | 0 | 0 | 0 |
| BRM340 : Cement | 1.074 | 1 Qntl. | 0 | 0 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.21 | 1 Cum | 305.25 | 64.1025 | 0 |
| 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 |

| | |
|--|----------------|
| Total Amount (a+b+c) | 9889.902721 |
| Total GST (a) | 166.74924 |
| LABOUR CESS @ 1% (+) | 100.56651961 |
| Grand Total | 10157.21848061 |
| Say For Unit 1 (Grand Total/10) | 1015.721848061 |

Item 11

Flooring (AR0816): Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.

Sub-Item of Work
First floor

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|---------|--------|-----------|-----------|
| BRMMR0027 : Wax Polish | 10 | 1 Sqm | 8.5 | 85 | 0 |
| BRM130 : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755 | 10 | 1 Sqm. | 444.33 | 4443.3 | 0 |
| LR001 : Male mulia | 2.268 | Per day | 462 | 1047.816 | 0 |
| LR044 : Mason | 2.268 | Per day | 612 | 1388.016 | 0 |
| LR008 : Sangi mulia | 5.775 | Per day | 512 | 2956.8 | 0 |
| BRM340 : Cement | 2.737 | 1 Qntl. | 554.5 | 1517.6665 | 424.94662 |
| BRM028 : Screened and washed sharp sand for mortar | 0.13 | 1 Cum | 63 | 8.19 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|---------|-----------|-----------|-----|
| BRM130 : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755 | 10 | 1 Sqm. | 9.6011111 | 96.011111 | 0 |
| BRM340 : Cement | 2.737 | 1 Qntl. | 24.787 | 67.842019 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.13 | 1 Cum | 354.13 | 46.0369 | 0 |

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|---------|--------|---------|-----|
| BRM130 : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755 | 10 | 1 Sqm. | 0 | 0 | 0 |
| BRM340 : Cement | 2.737 | 1 Qntl. | 0 | 0 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.13 | 1 Cum | 305.25 | 39.6825 | 0 |

| | |
|--|---------------|
| Total Amount (a+b+c) | 11696.36103 |
| Total GST (a) | 424.94662 |
| LABOUR CESS @ 1% (+) | 121.2130765 |
| Grand Total | 12242.5207265 |
| Say For Unit 1 (Grand Total/10) | 1224.25207265 |

Item 12

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
First floor

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 | 4050 | 0 |
| LR001 : Male mulia | 3.4125 | Per day | 462 | 1576.575 | 0 |

| | | | | | |
|---|--------|---------|-------|----------|----------|
| LR044 : Mason | 3.4125 | Per day | 612 | 2088.45 | 0 |
| BRM340 : Cement | 1.375 | 1 Qntl. | 554.5 | 762.4375 | 213.4825 |
| BRM028 : Screened and washed sharp sand for mortar | 0.15 | 1 Cum | 63 | 9.45 | 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. | 9.6011111 | 96.011111 | 0 |
| BRM340 : Cement | 1.375 | 1 Qntl. | 24.787 | 34.082125 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.15 | 1 Cum | 354.13 | 53.1195 | 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 | 305.25 | 45.7875 | 0 |

| | |
|--|---------------|
| Total Amount (a+b+c) | 8715.912736 |
| Total GST (a) | 213.4825 |
| LABOUR CESS @ 1% (+) | 89.29395236 |
| Grand Total | 9018.68918836 |
| Say For Unit 1 (Grand Total/10) | 901.868918836 |

Item 13

Painting (AR0901d): Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces 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
First Floor

a) Specific Rate Details

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

| | | | | | |
|---|--------|---------|--------|------------|---|
| BRM253 : Wall cement primer (I.S.I.) Water bound | 0.7812 | 1 Ltr | 159.03 | 124.234236 | 0 |
| LR048 : Painter/ Polisher | 0.515 | Per day | 612 | 315.18 | 0 |
| LR001 : Male mulia | 0.515 | Per day | 462 | 237.93 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|----------|-------|---------|-------------|-----|
| BRM253 : Wall cement primer (I.S.I.) Water bound | 0.7812 | 1 Ltr | 0.24787 | 0.193636044 | 0 |

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|----------|-------|------|--------|-----|
| BRM253 : Wall cement primer (I.S.I.) Water bound | 0.7812 | 1 Ltr | 0 | 0 | 0 |

| | | | | | |
|---|-----------------|--|--|--|--|
| Total Amount (a+b+c) | 677.537872044 | | | | |
| Total GST (a) | 0 | | | | |
| LABOUR CESS @ 1% (+) | 6.77537872044 | | | | |
| Grand Total | 684.31325076444 | | | | |
| Say For Unit 1 (Grand Total/9.3) | 73.582069974671 | | | | |

Item 14

Painting (AR0920): Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)

Sub-Item of Work
First Floor

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|---------|--------|----------|-----|
| BRM140 : Plastic Emulsion paint | 1.25 | 1 Litre | 249.24 | 311.55 | 0 |
| LR048 : Painter/ Polisher | 0.5562 | Per day | 612 | 340.3944 | 0 |
| LR001 : Male mulia | 0.6592 | Per day | 462 | 304.5504 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|---------|---------|-----------|-----|
| BRM140 : Plastic Emulsion paint | 1.25 | 1 Litre | 0.24787 | 0.3098375 | 0 |

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|--|----------|---------|------|--------|-----|
| BRM140 : Plastic Emulsion paint | 1.25 | 1 Litre | 0 | 0 | 0 |

| | |
|--|---------------|
| Total Amount (a+b+c) | 956.8046375 |
| Total GST (a) | 0 |
| LABOUR CESS @ 1% (+) | 9.568046375 |
| Grand Total | 966.372683875 |
| Say For Unit 1 (Grand Total/10) | 96.6372683875 |

Item 15

Painting (AR0918f): Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)

Sub-Item of Work
First Floor

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---------------------------------------|----------|---------|--------|----------|-----|
| BRM255 : Weather Coat (I.S.I.) | 1.25 | 1 Ltr | 194.79 | 243.4875 | 0 |
| LR001 : Male mulia | 0.672 | Per day | 462 | 310.464 | 0 |
| LR048 : Painter/ Polisher | 0.567 | Per day | 612 | 347.004 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---------------------------------------|----------|-------|---------|-----------|-----|
| BRM255 : Weather Coat (I.S.I.) | 1.25 | 1 Ltr | 0.24787 | 0.3098375 | 0 |

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---------------------------------------|----------|-------|------|--------|-----|
| BRM255 : Weather Coat (I.S.I.) | 1.25 | 1 Ltr | 0 | 0 | 0 |

| | |
|--|---------------|
| Total Amount (a+b+c) | 901.2653375 |
| Total GST (a) | 0 |
| LABOUR CESS @ 1% (+) | 9.012653375 |
| Grand Total | 910.277990875 |
| Say For Unit 1 (Grand Total/10) | 91.0277990875 |

Item 16

Iron Work (AR1704): Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.

Sub-Item of Work
Iron Doors and windows fixing

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|----------|---------|--------|-----------|------------|
| BRM341 : Steel | 0.508 | 1 Qntl. | 6591.7 | 3348.5836 | 602.745048 |
| LR001 : Male mulia | 3.25 | Per day | 462 | 1501.5 | 0 |
| LR011 : Helper to carpenter or Blacksmith/ Painter/ Blaster/Plumber/ Electrician/ Fitter/Welder | 1 | Per day | 512 | 512 | 0 |
| LR028 : Fitter | 1 | Per day | 562 | 562 | 0 |
| LR047 : Fitter | 1 | Per day | 612 | 612 | 0 |
| LR026 : Black smith | 1 | Per day | 562 | 562 | 0 |
| LR046 : Blacksmith | 0.75 | Per day | 612 | 459 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|----------------|----------|---------|--------|-----------|-----|
| BRM341 : Steel | 0.508 | 1 Qntl. | 24.787 | 12.591796 | 0 |

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|----------------|----------|---------|------|--------|-----|
| BRM341 : Steel | 0.508 | 1 Qntl. | 0 | 0 | 0 |

| | | | | | |
|---|--|--|--|--|-----------------|
| Total Amount (a+b+c) | | | | | 7569.675396 |
| Total GST (a) | | | | | 602.745048 |
| LABOUR CESS @ 1% (+) | | | | | 81.72420444 |
| Grand Total | | | | | 8254.14464844 |
| Say For Unit 1 (Grand Total/0.508) | | | | | 16248.316237087 |

Item 17

Other Building Items. (AR1911): Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect. and as per direction of Engineer in Charge

Sub-Item of Work
Stainless steel of 304 grade in hand railing using 50mm dia of 2mm

| a) Specific Rate Details | | | | | |
|--|-----------------|-------------|-------------|---------------|------------|
| Particular | Quantity | Unit | Rate | Amount | GST |
| LR011 : Helper to carpenter or Blacksmith/ Painter/ Blaster/Plumber/ Electrician/ Fitter/Welder | 0.89 | Per day | 512 | 455.68 | 0 |
| LR047 : Fitter | 0.89 | Per day | 612 | 544.68 | 0 |
| BRMMR0024 : Buffing, Polishing etc. | 1 | L.S. | 178.42 | 178.42 | 0 |
| BRMMR0023 : Fabrication | 34.16 | kg | 10 | 341.6 | 0 |
| BRMMR0022 : Stainless steel square pipe bracing of size 32mmx32mmx2mm in 3 rows | 16.63 | kg | 256.62 | 4267.5906 | 0 |
| BRMMR0021 : Balustrade of size 30mmx32mmx2mm | 6.12 | kg | 256.62 | 1570.5144 | 0 |
| BRMMR0020 : Railing 50mm outer dia of 2mm thick | 11.41 | kg | 240.24 | 2741.1384 | 0 |
| Total Amount (a+b+c) | 10099.6234 | | | | |
| Total GST (a) | 0 | | | | |
| LABOUR CESS @ 1% (+) | 100.996234 | | | | |
| Grand Total | 10200.619634 | | | | |
| Say For Unit 1 (Grand Total/3.26) | 3129.0244276074 | | | | |

Muralidhar Rout
JE
Nayagarh Block

Chandra Sekhar Samantaray
AEE
Nayagarh Block

Aishwarya Bhuyan
BDO
Nayagarh Block