

## Analysis

**OD/346/3305/116232/393111/00062817 : Repair and renovation at begunia UGUP school**  
**Block : Nilgiri, Gram Panchayat : Begunia**  
**Created By: Bikram Kishore Parida**

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|---|
| <b>Item 1</b>   |
| <b>Plastering (AR1004):</b> 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<br><b>12mm thick cement plaster (1:6) over Brick work in inside</b>  |

| 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. | 521.52 | 18.670416 | 3.36067488 |
| 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. | 36.677 | 1.3130366 | 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   | 477.25 | 7.15875 | 0   |

|                                       |                |
|---------------------------------------|----------------|
| <b>Total Amount (a+b+c)</b>           | 168.5085526    |
| <b>Total GST (a)</b>                  | 3.36067488     |
| <b>LABOUR CESS @ 1% (+)</b>           | 1.7186922748   |
| <b>Grand Total</b>                    | 173.5879197548 |
| <b>Say For Unit 1 (Grand Total/1)</b> | 173.5879197548 |

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|--|
| <b>Item 2</b>  |
| <b>Masonry Brick Work (AR0603bi):</b> 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/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 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.  | 521.52  | 350.46144 | 63.0830592 |
| 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 $\pm 2\%$ | 350      | 1000 Nos | 5.14255 | 1799.8925 | 0          |

**b) Carriage Rate Details**

| Particular   | Quantity | Unit     | Rate    | Amount    | GST |
|--|----------|----------|---------|-----------|-----|
| BRM340 : Cement  | 0.672    | 1 Qntl.  | 36.677  | 24.646944 | 0   |
| BRM028 : Screened and washed sharp sand for mortar   | 0.28     | 1 Cum    | 406.21  | 113.7388  | 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 | 1.60035 | 560.1225  | 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    | 477.25 | 133.63 | 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      | 0      | 0   |

|                                       |                |
|---------------------------------------|----------------|
| <b>Total Amount (a+b+c)</b>           | 5208.838584    |
| <b>Total GST (a)</b>                  | 63.0830592     |
| <b>LABOUR CESS @ 1% (+)</b>           | 52.719216432   |
| <b>Grand Total</b>                    | 5324.640859632 |
| <b>Say For Unit 1 (Grand Total/1)</b> | 5324.640859632 |

**Item 3**

**Flooring (AR0816a):** Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm 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 marble tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.

Sub-Item of Work

**Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm on a 25mm thick bed of cement mortar 1:1**

**a) Specific Rate Details**

| Particular   | Quantity | Unit    | Rate   | Amount     | GST         |
|--|----------|---------|--------|------------|-------------|
| <b>BRM118</b> : Marble Tiles of minimum 16 mm thick, dunguri Variety (Above 0.10 Sqm. to 0.40 Sqm) | 10       | 1 Sqm.  | 677.95 | 6779.5     | 0           |
| <b>BRMMR0027</b> : Wax Polish  | 10       | 1 Sqm   | 8.5    | 85         | 0           |
| <b>LR001</b> : Male mulia  | 2.16     | Per day | 462    | 997.92     | 0           |
| <b>LR044</b> : Mason   | 2.16     | Per day | 612    | 1321.92    | 0           |
| <b>LR008</b> : Sangi mulia   | 5.5      | Per day | 512    | 2816       | 0           |
| <b>BRM340</b> : Cement   | 2.737    | 1 Qntl. | 521.52 | 1427.40024 | 256.9320432 |
| <b>BRM028</b> : Screened and washed sharp sand for mortar  | 0.13     | 1 Cum   | 76.88  | 9.9944     | 0           |

**b) Carriage Rate Details**

| Particular   | Quantity | Unit    | Rate       | Amount     | GST |
|--|----------|---------|------------|------------|-----|
| <b>BRM118</b> : Marble Tiles of minimum 16 mm thick, dunguri Variety (Above 0.10 Sqm. to 0.40 Sqm) | 10       | 1 Sqm.  | 17.7830561 | 177.830561 | 0   |
| <b>BRM340</b> : Cement   | 2.737    | 1 Qntl. | 36.677     | 100.384949 | 0   |
| <b>BRM028</b> : Screened and washed sharp sand for mortar  | 0.13     | 1 Cum   | 406.21     | 52.8073    | 0   |

**c) Royalty Rate Details**

| Particular   | Quantity | Unit    | Rate   | Amount  | GST |
|--|----------|---------|--------|---------|-----|
| <b>BRM118</b> : Marble Tiles of minimum 16 mm thick, dunguri Variety (Above 0.10 Sqm. to 0.40 Sqm) | 10       | 1 Sqm.  | 29.44  | 294.4   | 0   |
| <b>BRM340</b> : Cement   | 2.737    | 1 Qntl. | 0      | 0       | 0   |
| <b>BRM028</b> : Screened and washed sharp sand for mortar  | 0.13     | 1 Cum   | 477.25 | 62.0425 | 0   |

|  |  |  |  |                 |  |
|--|--|--|--|-----------------|--|
| <b>Total Amount (a+b+c)</b>            |  |  |  | 14125.19995     |  |
| <b>Total GST (a)</b>                   |  |  |  | 256.9320432     |  |
| <b>LABOUR CESS @ 1% (+)</b>            |  |  |  | 143.821319932   |  |
| <b>Grand Total</b>                     |  |  |  | 14525.953313132 |  |
| <b>Say For Unit 1 (Grand Total/10)</b> |  |  |  | 1452.5953313132 |  |

**Item 4**

**Dismantling (AR1612):** Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.

Sub-Item of Work

**Dismantling and removing 2.5 cm. thick artificial stone flooring**

**a) Specific Rate Details**

| Particular           | Quantity | Unit    | Rate | Amount | GST |
|----------------------|----------|---------|------|--------|-----|
| LR002 : Female mulia | 1.25     | Per day | 462  | 577.5  | 0   |
| LR001 : Male mulia   | 0.75     | Per day | 462  | 346.5  | 0   |

**Total Amount (a+b+c)**

924

**Total GST (a)**

0

**LABOUR CESS @ 1% (+)**

9.24

**Grand Total**

933.24

**Say For Unit 1 (Grand Total/9.3)**

100.34838709677

**Item 5**

**Dismantling (AR1613):** Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.

Sub-Item of Work

**Removing old lime or cement plaster**

**a) Specific Rate Details**

| Particular         | Quantity | Unit    | Rate | Amount | GST |
|--------------------|----------|---------|------|--------|-----|
| LR001 : Male mulia | 1        | Per day | 462  | 462    | 0   |

**Total Amount (a+b+c)**

462

**Total GST (a)**

0

**LABOUR CESS @ 1% (+)**

4.62

**Grand Total**

466.62

**Say For Unit 1 (Grand Total/9.3)**

50.174193548387

**Item 6**

**Dismantling (AR1618):** Dismantling and removing doors, windows and ventilators including removal of frame, hinges, fastening and stacking the same for reuse and removing the debris within 50m and as per direction of Engineer-in-Charge.

Sub-Item of Work

**Dismantling and removing doors, windows and ventilators**

**a) Specific Rate Details**

| Particular           | Quantity | Unit    | Rate | Amount | GST |
|----------------------|----------|---------|------|--------|-----|
| LR002 : Female mulia | 1        | Per day | 462  | 462    | 0   |
| LR001 : Male mulia   | 0.6      | Per day | 462  | 277.2  | 0   |
| LR027 : Carpenter    | 0.5      | Per day | 562  | 281    | 0   |

|   |  |  |  |  |                 |
|---|--|--|--|--|-----------------|
| <b>Total Amount (a+b+c)</b>             |  |  |  |  | 1020.2          |
| <b>Total GST (a)</b>                    |  |  |  |  | 0               |
| <b>LABOUR CESS @ 1% (+)</b>             |  |  |  |  | 10.202          |
| <b>Grand Total</b>                      |  |  |  |  | 1030.402        |
| <b>Say For Unit 1 (Grand Total/2.6)</b> |  |  |  |  | 396.30846153846 |

### Item 7

**Painting (AR0920bk):** Finishing wall two coats with plastic emulsion paint of approved shades with one coat waterbound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)(For repair and maintenance).

Sub-Item of Work

**Finishing wall two coats with plastic emulsion paint of approved shades with one coat water bound Primer on new work (Inside)(For repair and maintenance) .**

#### a) Specific Rate Details

| Particular                                       | Quantity          | Unit    | Rate   | Amount          | GST |
|--|-------------------|---------|--------|-----------------|-----|
| <b>Combine :: Painting (AR0920k)</b>             |                   |         |        |                 |     |
| BRM140 : Plastic Emulsion paint                  | 0.125             | 1 Litre | 249.34 | 31.1675         | 0   |
| LR048 : Painter/ Polisher                        | 0.05508           | Per day | 612    | 33.70896        | 0   |
| LR001 : Male mulia                               | 0.06528           | Per day | 462    | 30.15936        | 0   |
| <b>Combine :: Painting (AR0901dk)</b>            |                   |         |        |                 |     |
| BRM253 : Wall cement primer (I.S.I.) Water bound | 0.084             | 1 Ltr   | 159.03 | 13.35852        | 0   |
| LR048 : Painter/ Polisher                        | 0.054838709677419 | Per day | 612    | 33.561290322581 | 0   |
| LR001 : Male mulia                               | 0.054838709677419 | Per day | 462    | 25.335483870968 | 0   |

#### b) Carriage Rate Details

| Particular                                       | Quantity | Unit    | Rate    | Amount     | GST |
|--|----------|---------|---------|------------|-----|
| BRM140 : Plastic Emulsion paint                  | 0.125    | 1 Litre | 0.24787 | 0.03098375 | 0   |
| BRM253 : Wall cement primer (I.S.I.) Water bound | 0.084    | 1 Ltr   | 0.24787 | 0.02082108 | 0   |

#### c) Royalty Rate Details

| Particular                                       | Quantity | Unit    | Rate | Amount | GST |
|--|----------|---------|------|--------|-----|
| BRM140 : Plastic Emulsion paint                  | 0.125    | 1 Litre | 0    | 0      | 0   |
| BRM253 : Wall cement primer (I.S.I.) Water bound | 0.084    | 1 Ltr   | 0    | 0      | 0   |

|                                       |                 |
|---------------------------------------|-----------------|
| <b>Total Amount (a+b+c)</b>           | 167.34291902355 |
| <b>Total GST (a)</b>                  | 0               |
| <b>LABOUR CESS @ 1% (+)</b>           | 1.6734291902355 |
| <b>Grand Total</b>                    | 169.01634821378 |
| <b>Say For Unit 1 (Grand Total/1)</b> | 169.01634821378 |

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