

## Analysis

OD/354/3380/117915/411583/00017578 : Repair and Maintenance of Primary School of  
Hirapalli PS  
Block : Polosara, Gram Panchayat : Madhupalli  
Created By:SASI BHUSAN MAHAPATRO

### Item 1

**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. | 568.23 | 20.342634 | 5.69593752 |
| BRM028 : Screened and washed sharp sand for mortar | 0.015    | 1 Cum   | 66.23  | 0.99345   | 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   | 341.11 | 5.11665   | 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   | 40.25 | 0.60375 | 0   |

|                                |                |
|--------------------------------|----------------|
| Total Amount (a+b+c)           | 162.2766896    |
| Total GST (a)                  | 5.69593752     |
| LABOUR CESS @ 1% (+)           | 1.6797262712   |
| Grand Total                    | 169.6523533912 |
| Say For Unit 1 (Grand Total/1) | 169.6523533912 |

### Item 2

**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

**16mm thick cement Plaster in CM (1:6) over brick work in inside.**

**a) Specific Rate Details**

| Particular   | Quantity | Unit    | Rate   | Amount   | GST       |
|--|----------|---------|--------|----------|-----------|
| LR002 : Female mulia                               | 0.11     | Per day | 462    | 50.82    | 0         |
| LR001 : Male mulia                                 | 0.13     | Per day | 462    | 60.06    | 0         |
| LR025 : Mason                                      | 0.16     | Per day | 562    | 89.92    | 0         |
| BRM340 : Cement                                    | 0.043    | 1 Qntl. | 568.23 | 24.43389 | 6.8414892 |
| BRM028 : Screened and washed sharp sand for mortar | 0.018    | 1 Cum   | 66.23  | 1.19214  | 0         |

**b) Carriage Rate Details**

| Particular   | Quantity | Unit    | Rate   | Amount   | GST |
|--|----------|---------|--------|----------|-----|
| BRM340 : Cement                                    | 0.043    | 1 Qntl. | 30.732 | 1.321476 | 0   |
| BRM028 : Screened and washed sharp sand for mortar | 0.018    | 1 Cum   | 341.11 | 6.13998  | 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   | 40.25 | 0.7245 | 0   |

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

234.611986

**Total GST (a)**

6.8414892

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

2.414534752

**Grand Total**

243.868009952

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

243.868009952

**Item 3**

**Flooring (AR0802i):** 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher 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 crusher 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   |

|  |        |         |         |           |             |
|--|--------|---------|---------|-----------|-------------|
| <b>LR044</b> : Mason   | 0.13   | Per day | 612     | 79.56     | 0           |
| <b>BRM340</b> : Cement   | 0.0858 | 1 Qntl. | 568.23  | 48.754134 | 13.65115752 |
| <b>BRM028</b> : Screened and washed sharp sand for mortar  | 0.012  | 1 Cum   | 66.23   | 0.79476   | 0           |
| <b>BRM056</b> : 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) | 0.023  | 1 Cum.  | 1396.62 | 32.12226  | 0           |

**b) Carriage Rate Details**

| Particular   | Quantity | Unit    | Rate   | Amount    | GST |
|--|----------|---------|--------|-----------|-----|
| <b>BRM340</b> : Cement   | 0.0858   | 1 Qntl. | 30.732 | 2.6368056 | 0   |
| <b>BRM028</b> : Screened and washed sharp sand for mortar  | 0.012    | 1 Cum   | 341.11 | 4.09332   | 0   |
| <b>BRM056</b> : 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) | 0.023    | 1 Cum.  | 341.11 | 7.84553   | 0   |

**c) Royalty Rate Details**

| Particular   | Quantity | Unit    | Rate  | Amount | GST |
|--|----------|---------|-------|--------|-----|
| <b>BRM340</b> : Cement   | 0.0858   | 1 Qntl. | 0     | 0      | 0   |
| <b>BRM028</b> : Screened and washed sharp sand for mortar  | 0.012    | 1 Cum   | 40.25 | 0.483  | 0   |
| <b>BRM056</b> : 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) | 0.023    | 1 Cum.  | 149.5 | 3.4385 | 0   |

|                                       |                |
|---------------------------------------|----------------|
| <b>Total Amount (a+b+c)</b>           | 346.0483096    |
| <b>Total GST (a)</b>                  | 13.65115752    |
| <b>LABOUR CESS @ 1% (+)</b>           | 3.5969946712   |
| <b>Grand Total</b>                    | 363.2964617912 |
| <b>Say For Unit 1 (Grand Total/1)</b> | 363.2964617912 |

**Item 4**

**Other Building Items. (AR1902):** Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge.

Sub-Item of Work  
**cement based wall putty (water based)**

**a) Specific Rate Details**

| Particular                            | Quantity | Unit | Rate | Amount | GST |
|---------------------------------------|----------|------|------|--------|-----|
| <b>BRMMR0038</b> : Cement based putty | 8        | kg   | 30   | 240    | 0   |

|  |      |         |     |          |   |
|--|------|---------|-----|----------|---|
| LR001 : Male mulia                     | 0.57 | Per day | 462 | 263.34   | 0 |
| LR025 : Mason                          | 0.5  | Per day | 562 | 281      | 0 |
| <b>Total Amount (a+b+c)</b>            |      |         |     | 784.34   |   |
| <b>Total GST (a)</b>                   |      |         |     |          | 0 |
| <b>LABOUR CESS @ 1% (+)</b>            |      |         |     | 7.8434   |   |
| <b>Grand Total</b>                     |      |         |     | 792.1834 |   |
| <b>Say For Unit 1 (Grand Total/10)</b> |      |         |     | 79.21834 |   |

### Item 5

**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

**Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)**

#### 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                        | 0.5      | Per day | 612    | 306        | 0   |
| LR001 : Male mulia                               | 0.5      | Per day | 462    | 231        | 0   |

#### b) Carriage Rate Details

| Particular                                       | Quantity | Unit  | Rate    | Amount      | GST |
|--|----------|-------|---------|-------------|-----|
| BRM253 : Wall cement primer (I.S.I.) Water bound | 0.7812   | 1 Ltr | 0.30732 | 0.240078384 | 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   |

|   |  |  |  |                 |   |
|---|--|--|--|-----------------|---|
| <b>Total Amount (a+b+c)</b>             |  |  |  | 661.474314384   |   |
| <b>Total GST (a)</b>                    |  |  |  |                 | 0 |
| <b>LABOUR CESS @ 1% (+)</b>             |  |  |  | 6.61474314384   |   |
| <b>Grand Total</b>                      |  |  |  | 668.08905752784 |   |
| <b>Say For Unit 1 (Grand Total/9.3)</b> |  |  |  | 71.83753306751  |   |

### Item 6

**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  
**Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)**

**a) Specific Rate Details**

| Particular                      | Quantity | Unit    | Rate   | Amount  | GST |
|---------------------------------|----------|---------|--------|---------|-----|
| BRM140 : Plastic Emulsion paint | 1.25     | 1 Litre | 249.34 | 311.675 | 0   |
| LR048 : Painter/ Polisher       | 0.54     | Per day | 612    | 330.48  | 0   |
| LR001 : Male mulia              | 0.64     | Per day | 462    | 295.68  | 0   |

**b) Carriage Rate Details**

| Particular                      | Quantity | Unit    | Rate    | Amount  | GST |
|---------------------------------|----------|---------|---------|---------|-----|
| BRM140 : Plastic Emulsion paint | 1.25     | 1 Litre | 0.30732 | 0.38415 | 0   |

**c) Royalty Rate Details**

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

|  |  |             |
|--|--|-------------|
| <b>Total Amount (a+b+c)</b>            |  | 938.21915   |
| <b>Total GST (a)</b>                   |  | 0           |
| <b>LABOUR CESS @ 1% (+)</b>            |  | 9.3821915   |
| <b>Grand Total</b>                     |  | 947.6013415 |
| <b>Say For Unit 1 (Grand Total/10)</b> |  | 94.76013415 |

**Item 7**

**Painting (AR0918h):** Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer 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  
**Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside).**

**a) Specific Rate Details**

| Particular                                       | Quantity          | Unit    | Rate   | Amount          | GST |
|--|-------------------|---------|--------|-----------------|-----|
| <b>Combine :: Painting (AR0918f)</b>             |                   |         |        |                 |     |
| BRM255 : Weather Coat (I.S.I.)                   | 0.125             | 1 Ltr   | 194.79 | 24.34875        | 0   |
| LR001 : Male mulia                               | 0.064             | Per day | 462    | 29.568          | 0   |
| LR048 : Painter/ Polisher                        | 0.054             | Per day | 612    | 33.048          | 0   |
| <b>Combine :: Painting (AR0901di)</b>            |                   |         |        |                 |     |
| BRM253 : Wall cement primer (I.S.I.) Water bound | 0.090322580645161 | 1 Ltr   | 159.03 | 14.364          | 0   |
| LR048 : Painter/ Polisher                        | 0.053763440860215 | Per day | 612    | 32.903225806452 | 0   |
| LR001 : Male mulia                               | 0.053763440860215 | Per day | 462    | 24.838709677419 | 0   |

| <b>b) Carriage Rate Details</b>                  |                   |       |         |                   |     |
|--|-------------------|-------|---------|-------------------|-----|
| Particular                                       | Quantity          | Unit  | Rate    | Amount            | GST |
| BRM255 : Weather Coat (I.S.I.)                   | 0.125             | 1 Ltr | 0.30732 | 0.038415          | 0   |
| BRM253 : Wall cement primer (I.S.I.) Water bound | 0.090322580645161 | 1 Ltr | 0.30732 | 0.027757935483871 | 0   |

| <b>c) Royalty Rate Details</b>                   |                   |       |      |        |     |
|--|-------------------|-------|------|--------|-----|
| Particular                                       | Quantity          | Unit  | Rate | Amount | GST |
| BRM255 : Weather Coat (I.S.I.)                   | 0.125             | 1 Ltr | 0    | 0      | 0   |
| BRM253 : Wall cement primer (I.S.I.) Water bound | 0.090322580645161 | 1 Ltr | 0    | 0      | 0   |

|                                       |                 |
|---------------------------------------|-----------------|
| <b>Total Amount (a+b+c)</b>           | 159.13685841935 |
| <b>Total GST (a)</b>                  | 0               |
| <b>LABOUR CESS @ 1% (+)</b>           | 1.5913685841935 |
| <b>Grand Total</b>                    | 160.72822700355 |
| <b>Say For Unit 1 (Grand Total/1)</b> | 160.72822700355 |

|   |
|---|
| <b>Item 8</b>   |
| <b>Painting (AR0903b):</b> Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge. |
| Sub-Item of Work<br><b>Painting two coats of enamel paint with a coat of red oxide primer over iron surface</b>   |

| <b>a) Specific Rate Details</b>      |                   |         |        |                 |     |
|--------------------------------------|-------------------|---------|--------|-----------------|-----|
| Particular                           | Quantity          | Unit    | Rate   | Amount          | GST |
| <b>Combine :: Painting (AR0901b)</b> |                   |         |        |                 |     |
| LR048 : Painter/ Polisher            | 0.053763440860215 | Per day | 612    | 32.903225806452 | 0   |
| BRM137 : Red oxide Primer            | 0.054             | 1 Litre | 142.7  | 7.7058          | 0   |
| LR001 : Male mulia                   | 0.053763440860215 | Per day | 462    | 24.838709677419 | 0   |
| <b>Combine :: Painting (AR0903)</b>  |                   |         |        |                 |     |
| LR048 : Painter/ Polisher            | 0.13440860215054  | Per day | 612    | 82.258064516129 | 0   |
| LR001 : Male mulia                   | 0.11827956989247  | Per day | 462    | 54.645161290323 | 0   |
| BRM141 : Enamel paint                | 0.125             | 1 Litre | 205.34 | 25.6675         | 0   |

| <b>b) Carriage Rate Details</b> |          |         |         |            |     |
|---------------------------------|----------|---------|---------|------------|-----|
| Particular                      | Quantity | Unit    | Rate    | Amount     | GST |
| BRM137 : Red oxide Primer       | 0.054    | 1 Litre | 0.30732 | 0.01659528 | 0   |
| BRM141 : Enamel paint           | 0.125    | 1 Litre | 0.30732 | 0.038415   | 0   |

| <b>c) Royalty Rate Details</b> |          |      |      |        |     |
|--------------------------------|----------|------|------|--------|-----|
| Particular                     | Quantity | Unit | Rate | Amount | GST |

|                                       |       |         |                 |   |   |
|---------------------------------------|-------|---------|-----------------|---|---|
| <b>BRM137 : Red oxide Primer</b>      | 0.054 | 1 Litre | 0               | 0 | 0 |
| <b>BRM141 : Enamel paint</b>          | 0.125 | 1 Litre | 0               | 0 | 0 |
| <b>Total Amount (a+b+c)</b>           |       |         | 228.07347157032 |   |   |
| <b>Total GST (a)</b>                  |       |         | 0               |   |   |
| <b>LABOUR CESS @ 1% (+)</b>           |       |         | 2.2807347157032 |   |   |
| <b>Grand Total</b>                    |       |         | 230.35420628603 |   |   |
| <b>Say For Unit 1 (Grand Total/1)</b> |       |         | 230.35420628603 |   |   |

**Sradhanta Prasad Sahu**  
**JE**  
**Polosara Block**

**Laxmi Narayan Pattanayak**  
**AEE**  
**Polosara Block**

**SASI BHUSAN MAHAPATRO**  
**BDO**  
**Polosara Block**