

Analysis

OD/370/3555/121235/427119/00069361 : REPAIR & MAINTENANCE OF B N HIGH SCHOOL
PADMAPUR

Block : Padmapur, Gram Panchayat : Padmapur

Created By:KURESH CHANDRA JANI

Item 1

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

OVERHEAD CHARGES @ 7.5% (+)

69.3

CONTRACTOR PROFIT @ 7.5% (+)

74.4975

LABOUR CESS @ 1% (+)

10.677975

Grand Total

1078.475475

Say For Unit 1 (Grand Total/9.3)

115.96510483871

Item 2

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

OVERHEAD CHARGES @ 7.5% (+)

34.65

CONTRACTOR PROFIT @ 7.5% (+)

37.24875

LABOUR CESS @ 1% (+)

5.3389875

| | |
|---|-----------------|
| Grand Total | 539.2377375 |
| Say For Unit 1 (Grand Total/9.3) | 57.982552419355 |

Item 3

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. | 569.96 | 24.50828 | 4.4114904 |
| BRM028 : Screened and washed sharp sand for mortar | 0.018 | 1 Cum | 76.88 | 1.38384 | 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 | 445.27 | 8.01486 | 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 | 51.25 | 0.9225 | 0 |

| | |
|---------------------------------------|-----------------|
| Total Amount (a+b+c) | 236.695321 |
| Total GST (a) | 4.4114904 |
| OVERHEAD CHARGES @ 7.5% (+) | 18.083010855 |
| CONTRACTOR PROFIT @ 7.5% (+) | 19.439236669125 |
| LABOUR CESS @ 1% (+) | 2.7862905892413 |
| Grand Total | 281.41534951337 |
| Say For Unit 1 (Grand Total/1) | 281.41534951337 |

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
Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|----------|---------|---------|-----------|------------|
| LR002 : Female mulia | 1.4 | Per day | 462 | 646.8 | 0 |
| LR001 : Male mulia | 3.2 | Per day | 462 | 1478.4 | 0 |
| LR025 : Mason | 0.68 | Per day | 562 | 382.16 | 0 |
| BRM340 : Cement | 3.23 | 1 Qntl. | 569.96 | 1840.9708 | 331.374744 |
| BRM028 : Screened and washed sharp sand for mortar | 0.45 | 1 Cum | 76.88 | 34.596 | 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. | 24.787 | 80.06201 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.45 | 1 Cum | 445.27 | 200.3715 | 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. | 341.11 | 306.999 | 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 | 51.25 | 23.0625 | 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. | 158.5 | 142.65 | 0 |

| | |
|---------------------------------------|-----------------|
| Total Amount (a+b+c) | 6393.02981 |
| Total GST (a) | 331.374744 |
| OVERHEAD CHARGES @ 7.5% (+) | 504.33034155 |
| CONTRACTOR PROFIT @ 7.5% (+) | 542.15511716625 |
| LABOUR CESS @ 1% (+) | 77.708900127162 |
| Grand Total | 7848.5989128434 |
| Say For Unit 1 (Grand Total/1) | 7848.5989128434 |

Item 5

Other Building Items. (AR1901Ba): Supplying, fitting & fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogeneous) 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 work all materials, taxes, labor, T&P , etc. complete as per direction of Engineer-in-charge.

Sub-Item of Work

Vitrified Tile 600mmx600mm Coloured /Printed

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|----------|---------|---------|-----------|-------------|
| BRM132 : 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 Coloured / Printed series(Homogeneous) | 10 | 1 Sqm. | 695.76 | 6957.6 | 0 |
| BRM174 : White Cement. | 0.076 | 1Qntl | 2017.18 | 153.30568 | 0 |
| BRM340 : Cement | 1.074 | 1 Qntl. | 569.96 | 612.13704 | 110.1846672 |
| BRM028 : Screened and washed sharp sand for mortar | 0.21 | 1 Cum | 76.88 | 16.1448 | 0 |
| LR001 : Male mulia | 2.16 | Per day | 462 | 997.92 | 0 |
| LR044 : Mason | 2.16 | Per day | 612 | 1321.92 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|----------|---------|------------|------------|-----|
| BRM132 : 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 Coloured / Printed series(Homogeneous) | 10 | 1 Sqm. | 16.1466671 | 161.466671 | 0 |
| 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 | 445.27 | 93.5067 | 0 |

c) Royalty Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|----------|---------|-------|---------|-----|
| BRM132 : 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 Coloured / Printed series(Homogeneous) | 10 | 1 Sqm. | 0 | 0 | 0 |
| 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 | 51.25 | 10.7625 | 0 |

| | |
|--|-----------------|
| Total Amount (a+b+c) | 10353.268441 |
| Total GST (a) | 110.1846672 |
| OVERHEAD CHARGES @ 7.5% (+) | 784.758983115 |
| CONTRACTOR PROFIT @ 7.5% (+) | 843.61590684863 |
| LABOUR CESS @ 1% (+) | 120.91827998164 |
| Grand Total | 12212.746278145 |
| Say For Unit 1 (Grand Total/10) | 1221.2746278145 |

Item 6

Flooring (AR0817ab): Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) 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

Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in dados skirting and risers of steps on 12mm thick cement plaster (1:3)

a) Specific Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|----------|---------|--------|---------|----------|
| BRM132 : 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 Coloured / Printed series(Homogeneous) | 10 | 1 Sqm. | 695.76 | 6957.6 | 0 |
| BRMMR0027 : Wax Polish | 10 | 1 Sqm | 8.5 | 85 | 0 |
| LR044 : Mason | 3.25 | Per day | 612 | 1989 | 0 |
| LR001 : Male mulia | 3.25 | Per day | 462 | 1501.5 | 0 |
| LR008 : Sangi mulia | 7.6 | Per day | 512 | 3891.2 | 0 |
| BRM340 : Cement | 1.375 | 1 Qntl. | 569.96 | 783.695 | 141.0651 |
| BRM028 : Screened and washed sharp sand for mortar | 0.15 | 1 Cum | 76.88 | 11.532 | 0 |

b) Carriage Rate Details

| Particular | Quantity | Unit | Rate | Amount | GST |
|---|----------|---------|------------|------------|-----|
| BRM132 : 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 Coloured / Printed series(Homogeneous) | 10 | 1 Sqm. | 16.1466671 | 161.466671 | 0 |
| BRM340 : Cement | 1.375 | 1 Qntl. | 24.787 | 34.082125 | 0 |
| BRM028 : Screened and washed sharp sand for mortar | 0.15 | 1 Cum | 536.41 | 80.4615 | 0 |

| c) Royalty Rate Details | | | | | |
|---|-----------------|-------------|-------------|---------------|------------|
| Particular | Quantity | Unit | Rate | Amount | GST |
| BRM132 : 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 Coloured / Printed series(Homogeneous) | 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 | 51.25 | 7.6875 | 0 |

| | |
|--|-----------------|
| Total Amount (a+b+c) | 15503.224796 |
| Total GST (a) | 141.0651 |
| OVERHEAD CHARGES @ 7.5% (+) | 1173.3217422 |
| CONTRACTOR PROFIT @ 7.5% (+) | 1261.320872865 |
| LABOUR CESS @ 1% (+) | 180.78932511065 |
| Grand Total | 18259.721836176 |
| Say For Unit 1 (Grand Total/10) | 1825.9721836176 |

| Item 7 |
|---|
| Painting (AR0919): Finishing wall One Coat with plastic emulsion paint of approved shades on old 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 One Coat with plastic emulsion paint of approved shades on old work (Inside) |

| a) Specific Rate Details | | | | | |
|--|-----------------|-------------|-------------|---------------|------------|
| Particular | Quantity | Unit | Rate | Amount | GST |
| BRM140 : Plastic Emulsion paint | 0.75 | 1 Litre | 249.34 | 187.005 | 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 |
| BRM140 : Plastic Emulsion paint | 0.75 | 1 Litre | 0.24787 | 0.1859025 | 0 |

| c) Royalty Rate Details | | | | | |
|--|-----------------|-------------|-------------|---------------|------------|
| Particular | Quantity | Unit | Rate | Amount | GST |
| BRM140 : Plastic Emulsion paint | 0.75 | 1 Litre | 0 | 0 | 0 |

| | |
|-----------------------------|-------------|
| Total Amount (a+b+c) | 606.1709025 |
| Total GST (a) | 0 |

| | |
|--|-----------------|
| OVERHEAD CHARGES @ 7.5% (+) | 45.4628176875 |
| CONTRACTOR PROFIT @ 7.5% (+) | 48.872529014062 |
| LABOUR CESS @ 1% (+) | 7.0050624920156 |
| Grand Total | 707.51131169358 |
| Say For Unit 1 (Grand Total/10) | 70.751131169358 |

ANSUMALI SAHOO
JE
Padmapur Block

SIMANCHAL DASH
AEE
Padmapur Block

KURESH CHANDRA JANI
BDO
Padmapur Block