

## Analysis

### OD/364/3483/119992/430742/00074449 : REPAIR AND MAINTAINANCE OF PRY SCHOOL AT CHINTANDOLI

**Block : Chitrakonda, Gram Panchayat : Ralegada**

**Created By:PRITA KUMAR**

<b>Item 1</b>
<b>Dismantling (AR1612):</b> 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 <b>Dismantling and removing 2.5 cm. thick artificial stone flooring</b>

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
<b>Total Amount (a+b+c)</b>				924	
<b>Total GST (a)</b>					0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>					69.3
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>					74.4975
<b>LABOUR CESS @ 1% (+)</b>					10.677975
<b>Grand Total</b>					1078.475475
<b>Say For Unit 1 (Grand Total/9.3)</b>					115.96510483871

<b>Item 2</b>
<b>Concrete (AR0303):</b> 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 <b>Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>

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.	537.3	1230.417	221.47506
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	76.88	36.9024	0

<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	995.25	955.44	0
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#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	2.29	1 Qntl.	60.457	138.44653	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1 Cum	1183.91	568.2768	0
<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	999.91	959.9136	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	2.29	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1 Cum	96.25	46.2	0
<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	208.5	200.16	0

<b>Total Amount (a+b+c)</b>	6038.71633
<b>Total GST (a)</b>	221.47506
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	469.51435425
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	504.72793081875
<b>LABOUR CESS @ 1% (+)</b>	72.344336750687
<b>Grand Total</b>	7306.7780118194
<b>Say For Unit 1 (Grand Total/1)</b>	7306.7780118194

### Item 3

**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

**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**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRMMR0027</b> : Wax Polish	10	1 Sqm	8.5	85	0
<b>BRM130</b> : 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.	450.08	4500.8	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.	537.3	1470.5901	264.706218
<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>BRM130</b> : 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.	19.4194451	194.194451	0
<b>BRM340</b> : Cement	2.737	1 Qntl.	60.457	165.470809	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.13	1 Cum	1183.91	153.9083	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM130</b> : 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
<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	96.25	12.5125	0

<b>Total Amount (a+b+c)</b>	11728.31056
<b>Total GST (a)</b>	264.706218
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	899.47625835
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	966.93697772625
<b>LABOUR CESS @ 1% (+)</b>	138.59430014076
<b>Grand Total</b>	13998.024314217
<b>Say For Unit 1 (Grand Total/10)</b>	1399.8024314217

**Item 4**

**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
<b>LR001</b> : Male mulia	1	Per day	462	462	0

<b>Total Amount (a+b+c)</b>	462
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	34.65
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	37.24875
<b>LABOUR CESS @ 1% (+)</b>	5.3389875
<b>Grand Total</b>	539.2377375
<b>Say For Unit 1 (Grand Total/9.3)</b>	57.982552419355

### 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

**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.	537.3	23.1039	4.158702
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.	60.457	2.599651	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	1183.91	21.31038	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	96.25	1.7325	0

<b>Total Amount (a+b+c)</b>	250.930271
<b>Total GST (a)</b>	4.158702
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	19.131672975
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	20.566548448125
<b>LABOUR CESS @ 1% (+)</b>	2.9478719442313
<b>Grand Total</b>	297.73506636736
<b>Say For Unit 1 (Grand Total/1)</b>	297.73506636736

**Item 6**

**Plastering (AR1006):** 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, 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 (1:4) over brickwork in inside**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	0.06	Per day	462	27.72	0
LR002 : Female mulia	0.05	Per day	462	23.1	0
LR025 : Mason	0.15	Per day	562	84.3	0
BRM340 : Cement	0.0644	1 Qntl.	537.3	34.60212	6.2283816
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	0.0644	1 Qntl.	60.457	3.8934308	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	1183.91	17.75865	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0644	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	96.25	1.44375	0

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

193.9711508

**Total GST (a)**

6.2283816

**OVERHEAD CHARGES @ 7.5% (+)**

15.01496493

**CONTRACTOR PROFIT @ 7.5% (+)**

16.14108729975

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

2.3135558462975

**Grand Total**

233.66914047605

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

233.66914047605

**Item 7**

**Painting (AR0922):** Finishing wall two coats with distemper 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 distemper of approved shades on new work (Inside)**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR048 : Painter/ Polisher	0.52	Per day	612	318.24	0
BRM142 : Distemper	2.5	1 Kg.	70.1	175.25	0
LR001 : Male mulia	0.62	Per day	462	286.44	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	2.5	1 Kg.	0.60457	1.511425	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	2.5	1 Kg.	0	0	0

<b>Total Amount (a+b+c)</b>	781.441425				
<b>Total GST (a)</b>	0				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	58.608106875				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	63.003714890625				
<b>LABOUR CESS @ 1% (+)</b>	9.0305324676563				
<b>Grand Total</b>	912.08377923328				
<b>Say For Unit 1 (Grand Total/10)</b>	91.208377923328				

**Item 8**

**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
<b>BRM140</b> : Plastic Emulsion paint	0.125	1 Litre	0.60457	0.07557125	0
<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.084	1 Ltr	0.60457	0.05078388	0

**c) Royalty Rate Details**

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

<b>Total Amount (a+b+c)</b>	167.41746932355				
<b>Total GST (a)</b>	0				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	12.556310199266				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	13.498033464211				
<b>LABOUR CESS @ 1% (+)</b>	1.9347181298703				
<b>Grand Total</b>	195.4065311169				
<b>Say For Unit 1 (Grand Total/1)</b>	195.4065311169				

**Item 9**

**Concrete (AR0307a):** Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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 specifaicon and direction of Engineer-in charge.

Sub-Item of Work

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

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM057</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)(Hand broken)	0.9	1 Cum.	1085.19	976.671	0
<b>LR002</b> : Female mulia	1.4	Per day	462	646.8	0
<b>LR001</b> : Male mulia	3.2	Per day	462	1478.4	0
<b>LR025</b> : Mason	0.68	Per day	562	382.16	0
<b>BRM340</b> : Cement	3.23	1 Qntl.	537.3	1735.479	312.38622
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	76.88	34.596	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
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<b>BRM057</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)(Hand broken)	0.9	1 Cum.	1183.91	1065.519	0
<b>BRM340</b> : Cement	3.23	1 Qntl.	60.457	195.27611	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	1183.91	532.7595	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM057</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)(Hand broken)	0.9	1 Cum.	208.5	187.65	0
<b>BRM340</b> : Cement	3.23	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	96.25	43.3125	0

<b>Total Amount (a+b+c)</b>	7278.62311
<b>Total GST (a)</b>	312.38622
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	569.32569975
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	612.02512723125
<b>LABOUR CESS @ 1% (+)</b>	87.723601569813
<b>Grand Total</b>	8860.0837585511
<b>Say For Unit 1 (Grand Total/1)</b>	8860.0837585511

<b>Item 10</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 <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>					
<b>LR048</b> : Painter/ Polisher	0.053763440860215	Per day	612	32.903225806452	0
<b>BRM137</b> : Red oxide Primer	0.054	1 Litre	142.7	7.7058	0
<b>LR001</b> : Male mulia	0.053763440860215	Per day	462	24.838709677419	0
<b>Combine :: Painting (AR0903)</b>					
<b>LR048</b> : Painter/ Polisher	0.13440860215054	Per day	612	82.258064516129	0
<b>LR001</b> : Male mulia	0.11827956989247	Per day	462	54.645161290323	0
<b>BRM141</b> : Enamel paint	0.125	1 Litre	205.34	25.6675	0

<b>b) Carriage Rate Details</b>					
<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<b>BRM137</b> : Red oxide Primer	0.054	1 Litre	0.60457	0.03264678	0
<b>BRM141</b> : Enamel paint	0.125	1 Litre	0.60457	0.07557125	0

<b>c) Royalty Rate Details</b>					
<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<b>BRM137</b> : Red oxide Primer	0.054	1 Litre	0	0	0
<b>BRM141</b> : Enamel paint	0.125	1 Litre	0	0	0

<b>Total Amount (a+b+c)</b>	228.12667932032				
<b>Total GST (a)</b>	0				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	17.109500949024				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	18.392713520201				
<b>LABOUR CESS @ 1% (+)</b>	2.6362889378955				
<b>Grand Total</b>	266.26518272744				
<b>Say For Unit 1 (Grand Total/1)</b>	266.26518272744				

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