

## Analysis

**OD/364/3484/119978/430290/00017963 : Repair & Maint. of P S at Tandapalli**  
**Block : Malkangiri, Gram Panchayat : Tandapalli**  
**Created By:Tapan kumar senapati**

### 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

<b>Total Amount (a+b+c)</b>	924
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<b>Total GST (a)</b>	0
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<b>LABOUR CESS @ 1% (+)</b>	9.24
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<b>Grand Total</b>	933.24
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<b>Say For Unit 1 (Grand Total/9.3)</b>	100.34838709677
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### Item 2

**Dismantling (AR1616):** Dismantling G.C.I. or A.C. sheet roofing after carefully removing the bolts and nuts including stacking of he materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.

Sub-Item of Work

**Dismantling G.C.I. or A.C. sheet roofing**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1	Per day	462	462	0
LR001 : Male mulia	0.5	Per day	462	231	0
LR028 : Fitter	0.25	Per day	562	140.5	0

<b>Total Amount (a+b+c)</b>	833.5
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<b>Total GST (a)</b>	0
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<b>LABOUR CESS @ 1% (+)</b>	8.335
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<b>Grand Total</b>	841.835
<b>Say For Unit 1 (Grand Total/9.3)</b>	90.519892473118

### Item 3

**Dismantling (AR1620):** Dismantling and removing 2.5 cm thick grading concrete from roof slab cleaning the surface lowering 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 grading concrete from roof**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.5	Per day	462	693	0
LR001 : Male mulia	0.75	Per day	462	346.5	0

<b>Total Amount (a+b+c)</b>	1039.5
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	10.395
<b>Grand Total</b>	1049.895
<b>Say For Unit 1 (Grand Total/9.3)</b>	112.89193548387

### 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
LR001 : Male mulia	1	Per day	462	462	0

<b>Total Amount (a+b+c)</b>	462
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	4.62
<b>Grand Total</b>	466.62
<b>Say For Unit 1 (Grand Total/9.3)</b>	50.174193548387

### Item 5

**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.	536.37	19.202046	5.37657288
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.	47.378	1.6961324	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	536.41	8.04615	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)**

164.8212784

**Total GST (a)**

5.37657288

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

1.7019785128

**Grand Total**

171.8998297928

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

171.8998297928

**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

**20mm thick cement Plaster in CM (1:4) over brick work in inside.**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
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<b>LR002 : Female mulia</b>	0.11	Per day	462	50.82	0
<b>LR001 : Male mulia</b>	0.13	Per day	462	60.06	0
<b>LR025 : Mason</b>	0.16	Per day	562	89.92	0
<b>BRM340 : Cement</b>	0.0744	1 Qntl.	536.37	39.905928	11.17365984
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.021	1 Cum	76.88	1.61448	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340 : Cement</b>	0.0744	1 Qntl.	47.378	3.5249232	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.021	1 Cum	536.41	11.26461	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340 : Cement</b>	0.0744	1 Qntl.	0	0	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.021	1 Cum	40.25	0.84525	0

<b>Total Amount (a+b+c)</b>	257.9551912
<b>Total GST (a)</b>	11.17365984
<b>LABOUR CESS @ 1% (+)</b>	2.6912885104
<b>Grand Total</b>	271.8201395504
<b>Say For Unit 1 (Grand Total/1)</b>	271.8201395504

**Item 7**

**Flooring (AR0817abk):** 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(For repair and maintenance).

Sub-Item of Work

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

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>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)</b>	10	1 Sqm.	695.76	6957.6	0
<b>BRMMR0027 : Wax Polish</b>	10	1 Sqm	8.5	85	0

<b>LR044 : Mason</b>	3.25	Per day	612	1989	0
<b>LR001 : Male mulia</b>	3.25	Per day	462	1501.5	0
<b>LR008 : Sangi mulia</b>	7.6	Per day	512	3891.2	0
<b>BRM340 : Cement</b>	1.375	1 Qntl.	536.37	737.50875	206.50245
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.15	1 Cum	76.88	11.532	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM132 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B 1a) of sizes Vitrified Tile 600mmx600mm Coloured / Printed series(Homogeneous)</b>	10	1 Sqm.	15.8193893	158.193893	0
<b>BRM340 : Cement</b>	1.375	1 Qntl.	47.378	65.14475	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.15	1 Cum	536.41	80.4615	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM132 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B 1a) of sizes Vitrified Tile 600mmx600mm Coloured / Printed series(Homogeneous)</b>	10	1 Sqm.	0	0	0
<b>BRM340 : Cement</b>	1.375	1 Qntl.	0	0	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.15	1 Cum	40.25	6.0375	0

<b>Total Amount (a+b+c)</b>	15483.178393
<b>Total GST (a)</b>	206.50245
<b>LABOUR CESS @ 1% (+)</b>	156.89680843
<b>Grand Total</b>	15846.57765143
<b>Say For Unit 1 (Grand Total/10)</b>	1584.657765143

**Item 8**

**Concrete (AR0317):** 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specification and direction of Engineer-in charge. (new work)

Sub-Item of Work

**2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	0.36	Per day	462	166.32	0
LR044 : Mason	0.1	Per day	612	61.2	0
BRM340 : Cement	0.1208	1 Qntl.	536.37	64.793496	18.14217888
BRM028 : Screened and washed sharp sand for mortar	0.0169	1 Cum	76.88	1.299272	0
BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1 Cum.	850.2	14.36838	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.1208	1 Qntl.	47.378	5.7232624	0
BRM028 : Screened and washed sharp sand for mortar	0.0169	1 Cum	536.41	9.065329	0
BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1 Cum.	536.41	9.065329	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.1208	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.0169	1 Cum	40.25	0.680225	0
BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1 Cum.	149.5	2.52655	0

<b>Total Amount (a+b+c)</b>	335.0418434
<b>Total GST (a)</b>	18.14217888
<b>LABOUR CESS @ 1% (+)</b>	3.5318402228
<b>Grand Total</b>	356.7158625028

Say For Unit 1 (Grand Total/1)	356.7158625028
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**Item 9**

**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.	0.48567	1.214175	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>	781.144175
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	7.81144175
<b>Grand Total</b>	788.95561675
<b>Say For Unit 1 (Grand Total/10)</b>	78.895561675

**Item 10**

**Painting (AR0903i):** Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)

Sub-Item of Work  
**Painting two coats of enamel paint in outer surface paint (outer surface)**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR048 : Painter/ Polisher	1.25	Per day	612	765	0

LR001 : Male mulia	1.1	Per day	462	508.2	0
BRM141 : Enamel paint	1.1625	1 Litre	205.34	238.70775	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM141 : Enamel paint	1.1625	1 Litre	0.47378	0.55076925	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM141 : Enamel paint	1.1625	1 Litre	0	0	0

<b>Total Amount (a+b+c)</b>	1512.45851925
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	15.1245851925
<b>Grand Total</b>	1527.5831044425
<b>Say For Unit 1 (Grand Total/9.3)</b>	164.25624778952

**Item 11**

**Roofing (AR1132):** Supplying, fitting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge

Sub-Item of Work

**Supplying, fitting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM149 : G.C.I. Sheet 0.30mm thick	9.3	1 Sqm	317.5	2952.75	0
LR001 : Male mulia	2	Per day	462	924	0
LR047 : Fitter	1	Per day	612	612	0
LR045 : Carpenter	0.5	Per day	612	306	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM149 : G.C.I. Sheet 0.30mm thick	9.3	1 Sqm	1.231828	11.4560004	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM149 : G.C.I. Sheet 0.30mm thick	9.3	1 Sqm	0	0	0

<b>Total Amount (a+b+c)</b>	4806.2060004
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	48.062060004
<b>Grand Total</b>	4854.268060404
<b>Say For Unit 1 (Grand Total/9.3)</b>	521.96430757032

**Er Nihar Ranjan Sarkar**  
**JE**  
**Malkangiri Block**

**Er. ABHIJIT SETHI**  
**AEE**  
**Malkangiri Block**

**Tapan kumar senapati**  
**BDO**  
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