

## Analysis

**OD/355/3389/118124/397986/00016899 : Repair & Maintenance of Kaduapada-1 Pry. School**  
**Block : Jagatsinghpur, Gram Panchayat : Kaduapada**  
**Created By:Admin**

### Item 1

**Plastering (AR1004i):** 12mm thick cement plaster (1:6) over Brick work in outside 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 outside.**

#### 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.	588.54	21.069732	5.89952496
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	71.71	1.07565	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	24.787	0.8873746	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	77.25	1.15875	0

<b>Total Amount (a+b+c)</b>	163.4281566
<b>Total GST (a)</b>	5.89952496
<b>LABOUR CESS @ 1% (+)</b>	1.6932768156
<b>Grand Total</b>	171.0209583756
<b>Say For Unit 1 (Grand Total/1)</b>	171.0209583756

### Item 2

**Iron Work (AR1704):** Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.

Sub-Item of Work

**Iron Doors and windows fixing**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	6598.31	3351.94148	603.3494664
LR001 : Male mulia	3.25	Per day	462	1501.5	0
LR011 : Helper to carpenter or Blacksmith/ Painter/ Blaster/Plumber/ Electrician/ Fitter/Welder	1	Per day	512	512	0
LR028 : Fitter	1	Per day	562	562	0
LR047 : Fitter	1	Per day	612	612	0
LR026 : Black smith	1	Per day	562	562	0
LR046 : Blacksmith	0.75	Per day	612	459	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	24.787	12.591796	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	0	0	0

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

7573.033276

**Total GST (a)**

603.3494664

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

81.763827424

**Grand Total**

8258.146569824

**Say For Unit 1 (Grand Total/0.508)**

16256.194035087

**Item 3**

**Painting (AR0918ca):** Finishing wall surface two coats with weather coat with one coat oilbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)

Sub-Item of Work  
**Finishing wall two coats with weather coat with one coat oilbound Primer**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: Painting (AR0918f)</b>					
<b>BRM255 : Weather Coat (I.S.I.)</b>	0.125	1 Ltr	194.79	24.34875	0
<b>LR001 : Male mulia</b>	0.064	Per day	462	29.568	0
<b>LR048 : Painter/ Polisher</b>	0.054	Per day	612	33.048	0
<b>Combine :: Painting (AR0901ci)</b>					
<b>BRM252 : Wall cement primer (I.S.I.) Oil bound</b>	0.084	1 Ltr	125.5	10.542	0
<b>LR048 : Painter/ Polisher</b>	0.053763440860215	Per day	612	32.903225806452	0
<b>LR001 : Male mulia</b>	0.053763440860215	Per day	462	24.838709677419	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM255 : Weather Coat (I.S.I.)</b>	0.125	1 Ltr	0.24787	0.03098375	0
<b>BRM252 : Wall cement primer (I.S.I.) Oil bound</b>	0.084	1 Ltr	0.24787	0.02082108	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM255 : Weather Coat (I.S.I.)</b>	0.125	1 Ltr	0	0	0
<b>BRM252 : Wall cement primer (I.S.I.) Oil bound</b>	0.084	1 Ltr	0	0	0

<b>Total Amount (a+b+c)</b>	155.30049031387
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	1.5530049031387
<b>Grand Total</b>	156.85349521701
<b>Say For Unit 1 (Grand Total/1)</b>	156.85349521701

**Item 4**

**Painting (AR0922a):** Finishing wall surface with two coats with distemper of approved shades above one coat oil bound 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)

Sub-Item of Work  
**Finishing wall surface with two coats with distemper of approved shades above one coat oil bound Primer on new work (Inside)**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: Painting (AR0922)</b>					
LR048 : Painter/ Polisher	0.052	Per day	612	31.824	0
BRM142 : Distemper	0.25	1 Kg.	70.1	17.525	0
LR001 : Male mulia	0.062	Per day	462	28.644	0
<b>Combine :: Painting (AR0901c)</b>					
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	125.5	10.542	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
BRM142 : Distemper	0.25	1 Kg.	0.24787	0.0619675	0
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0.24787	0.02082108	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	0.25	1 Kg.	0	0	0
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0	0	0

<b>Total Amount (a+b+c)</b>	146.35972406387				
<b>Total GST (a)</b>	0				
<b>LABOUR CESS @ 1% (+)</b>	1.4635972406387				
<b>Grand Total</b>	147.82332130451				
<b>Say For Unit 1 (Grand Total/1)</b>	147.82332130451				

<b>Item 5</b>
<b>Flooring (AR0802ii):</b> 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.
Sub-Item of Work <b>2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips</b>

<b>a) Specific Rate Details</b>					
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 : Mason</b>	0.13	Per day	612	79.56	0
<b>BRM340 : Cement</b>	0.0858	1 Qntl.	588.54	50.496732	14.13908496
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.012	1 Cum	71.71	0.86052	0
<b>BRM057 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve &amp; retained on 9.50mm sieve but whole should pass through 19mm sieve)(Hand broken)</b>	0.023	1 Cum.	1066.86	24.53778	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340 : Cement</b>	0.0858	1 Qntl.	24.787	2.1267246	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.012	1 Cum	341.11	4.09332	0
<b>BRM057 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve &amp; retained on 9.50mm sieve but whole should pass through 19mm sieve)(Hand broken)</b>	0.023	1 Cum.	1321.91	30.40393	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340 : Cement</b>	0.0858	1 Qntl.	0	0	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.012	1 Cum	77.25	0.927	0
<b>BRM057 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve &amp; retained on 9.50mm sieve but whole should pass through 19mm sieve)(Hand broken)</b>	0.023	1 Cum.	444.5	10.2235	0

<b>Total Amount (a+b+c)</b>	369.5495066
<b>Total GST (a)</b>	14.13908496
<b>LABOUR CESS @ 1% (+)</b>	3.8368859156
<b>Grand Total</b>	387.5254774756
<b>Say For Unit 1 (Grand Total/1)</b>	387.5254774756

#### Item 6

**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.**

<b>a) Specific Rate Details</b>					
<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<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>	0.043	1 Qntl.	588.54	25.30722	7.0860216
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.018	1 Cum	71.71	1.29078	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>BRM340 : Cement</b>	0.043	1 Qntl.	24.787	1.065841	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.018	1 Cum	341.11	6.13998	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>BRM340 : Cement</b>	0.043	1 Qntl.	0	0	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.018	1 Cum	77.25	1.3905	0

<b>Total Amount (a+b+c)</b>	235.994321				
<b>Total GST (a)</b>	7.0860216				
<b>LABOUR CESS @ 1% (+)</b>	2.430803426				
<b>Grand Total</b>	245.511146026				
<b>Say For Unit 1 (Grand Total/1)</b>	245.511146026				

## **Item 7**

**Plastering (AR1027):** 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.

Sub-Item of Work

**6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)**

<b>a) Specific Rate Details</b>					
<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<b>LR001 : Male mulia</b>	0.12	Per day	462	55.44	0
<b>LR002 : Female mulia</b>	0.05	Per day	462	23.1	0
<b>LR025 : Mason</b>	0.14	Per day	562	78.68	0
<b>BRM340 : Cement</b>	0.0372	1 Qntl.	588.54	21.893688	6.13023264

BRM028 : Screened and washed sharp sand for mortar	0.0075	1 Cum	71.71	0.537825	0
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**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0372	1 Qntl.	24.787	0.9220764	0
BRM028 : Screened and washed sharp sand for mortar	0.0075	1 Cum	341.11	2.558325	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0372	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.0075	1 Cum	77.25	0.579375	0

<b>Total Amount (a+b+c)</b>	183.7112894				
<b>Total GST (a)</b>	6.13023264				
<b>LABOUR CESS @ 1% (+)</b>	1.8984152204				
<b>Grand Total</b>	191.7399372604				
<b>Say For Unit 1 (Grand Total/1)</b>	191.7399372604				

**Item 8**

**Painting (AR0903a):** Painting two coats of enamel paint with a coat of wood primer in inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)

Sub-Item of Work

**Painting two coats of enamel paint with a coat of wood primer in inner surface paint (Inside)**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<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>Combine :: Painting (AR0901a)</b>					
LR048 : Painter/ Polisher	0.053763440860215	Per day	612	32.903225806452	0
BRM138 : Wood Primer	0.075	1 Litre	155.08	11.631	0
LR001 : Male mulia	0.053763440860215	Per day	462	24.838709677419	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
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<b>BRM141 : Enamel paint</b>	0.125	1 Litre	0.24787	0.03098375	0
<b>BRM138 : Wood Primer</b>	0.075	1 Litre	0.24787	0.01859025	0

**c) Royalty Rate Details**

<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<b>BRM141 : Enamel paint</b>	0.125	1 Litre	0	0	0
<b>BRM138 : Wood Primer</b>	0.075	1 Litre	0	0	0

<b>Total Amount (a+b+c)</b>	231.99323529032				
<b>Total GST (a)</b>	0				
<b>LABOUR CESS @ 1% (+)</b>	2.3199323529032				
<b>Grand Total</b>	234.31316764323				
<b>Say For Unit 1 (Grand Total/1)</b>	234.31316764323				

**Item 9**

**Masonry Brick Work (AR0603bi):** 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/cm<sup>2</sup> with dimensional tolerance  $\pm 8$  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**

<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<b>LR002 : Female mulia</b>	0.14	Per day	462	64.68	0
<b>BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK</b>	1	1 Cum	33	33	0
<b>LR001 : Male mulia</b>	2.82	Per day	462	1302.84	0
<b>LR025 : Mason</b>	1.05	Per day	562	590.1	0
<b>LR044 : Mason</b>	0.35	Per day	612	214.2	0
<b>BRM340 : Cement</b>	0.672	1 Qntl.	588.54	395.49888	110.7396864
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.28	1 Cum	71.71	20.0788	0
<b>BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm<sup>2</sup> with dimensional tolerance <math>\pm 2</math> %</b>	350	1000 Nos	5.14255	1799.8925	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>BRM340 : Cement</b>	0.672	1 Qntl.	24.787	16.656864	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.28	1 Cum	341.11	95.5108	0
<b>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 <math>\pm 2\%</math></b>	350	1000 Nos	0.8641	302.435	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>BRM340 : Cement</b>	0.672	1 Qntl.	0	0	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.28	1 Cum	77.25	21.63	0
<b>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 <math>\pm 2\%</math></b>	350	1000 Nos	0.04025	14.0875	0

<b>Total Amount (a+b+c)</b>	4870.610344
<b>Total GST (a)</b>	110.7396864
<b>LABOUR CESS @ 1% (+)</b>	49.813500304
<b>Grand Total</b>	5031.163530704
<b>Say For Unit 1 (Grand Total/1)</b>	5031.163530704

**Dillip Kumar Dash**  
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