

## Analysis

**OD/372/3569/121461/418883/00063727 : MAINTANANCE OF KALYAN MANDAP AT  
GAMBHARIPALI**

**Block : Dunguripali, Gram Panchayat : Dunguripali**

**Created By:Dillip Kumar Bara**

<b>Item 1</b>
<b>Masonry Brick Work (AR0603bi):</b> 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 <b>Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure</b>

<b>a) Specific Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>LR002</b> : Female mulia	0.14	Per day	462	64.68	0
<b>BRMMR0025</b> : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	1 Cum	33	33	0
<b>LR001</b> : Male mulia	2.82	Per day	462	1302.84	0
<b>LR025</b> : Mason	1.05	Per day	562	590.1	0
<b>LR044</b> : Mason	0.35	Per day	612	214.2	0
<b>BRM340</b> : Cement	0.672	1 Qntl.	515.44	346.37568	62.3476224
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1 Cum	76.88	21.5264	0
<b>BRM005</b> : 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 $\pm 2$ %	350	1000 Nos	5.14255	1799.8925	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.672	1 Qntl.	30.732	20.651904	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1 Cum	341.11	95.5108	0
<b>BRM005</b> : 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 $\pm 2$ %	350	1000 Nos	1.30585	457.0475	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.672	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1 Cum	170.25	47.67	0

<b>BRM005</b> : 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 $\pm 2\%$	350	1000 Nos	0	0	0
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<b>Total Amount (a+b+c)</b>	4993.494784
<b>Total GST (a)</b>	62.3476224
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	379.18818048
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	407.627294016
<b>LABOUR CESS @ 1% (+)</b>	58.42657880896
<b>Grand Total</b>	5901.084459705
<b>Say For Unit 1 (Grand Total/1)</b>	5901.084459705

### Item 2

**miscellaneous (ARM075):** G.I. sheet gutter upto 30cm wide including fixing with clamps and making connection with rain water pipes, etc.complete.( Roofing) and as directed by Engineer-in-Charge.

Sub-Item of Work

**G.I. sheet gutter upto 30cm wide including fixing with clamps and making connection with rain water pipes, etc.complete.( Roofing) and as directed by Engineer-in-Charge.**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRMM075</b> : G.I. sheet gutter upto 30cm wide including fixing with clamps and making connection with rain water pipes, etc.complete.( Roofing)	1	Rmt	97.97	97.97	0

<b>Total Amount (a+b+c)</b>	97.97
<b>Total GST (a)</b>	0
<b>Grand Total</b>	5901.084459705
<b>Say For Unit 1 (Grand Total/1)</b>	5901.084459705

### Item 3

**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
<b>BRM341</b> : Steel	0.508	1 Qntl.	6215.96	3157.70768	568.3873824
<b>LR001</b> : Male mulia	3.25	Per day	462	1501.5	0
<b>LR011</b> : 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.	30.732	15.611856	0

#### c) Royalty Rate Details

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

<b>Total Amount (a+b+c)</b>	7381.819536
<b>Total GST (a)</b>	568.3873824
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	596.26551888
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	640.985432796
<b>LABOUR CESS @ 1% (+)</b>	91.87457870076
<b>Grand Total</b>	9279.3324487768
<b>Say For Unit 1 (Grand Total/0.508)</b>	18266.402458222

#### Item 4

**Other Building Items. (AR1911):** Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect. and as per direction of Engineer in Charge

Sub-Item of Work

**Stainless steel of 304 grade in hand railing using 50mm dia of 2mm**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR011 : Helper to carpenter or Blacksmith/ Painter/ Blaster/Plumber/ Electrician/ Fitter/Welder	0.89	Per day	512	455.68	0
LR047 : Fitter	0.89	Per day	612	544.68	0
BRMMR0024 : Buffing, Polishing etc.	1	L.S.	178.42	178.42	0
BRMMR0023 : Fabrication	34.16	kg	10	341.6	0
BRMMR0022 : Stainless steel square pipe bracing of size 32mmx32mmx2mm in 3 rows	16.63	kg	256.62	4267.5906	0

<b>BRMMR0021</b> : Balustrade of size 30mmx32mmx2mm	6.12	kg	256.62	1570.5144	0
<b>BRMMR0020</b> : Railing 50mm outer dia of 2mm thick	11.41	kg	240.24	2741.1384	0
<b>Total Amount (a+b+c)</b>	10099.6234				
<b>Total GST (a)</b>	0				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	757.471755				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	814.282136625				
<b>LABOUR CESS @ 1% (+)</b>	116.71377291625				
<b>Grand Total</b>	11788.091064541				
<b>Say For Unit 1 (Grand Total/3.26)</b>	3615.9788541538				

### Item 5

**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)**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>LR001</b> : Male mulia	0.12	Per day	462	55.44	0
<b>LR002</b> : Female mulia	0.05	Per day	462	23.1	0
<b>LR025</b> : Mason	0.14	Per day	562	78.68	0
<b>BRM340</b> : Cement	0.0372	1 Qntl.	515.44	19.174368	3.45138624
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0075	1 Cum	76.88	0.5766	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.0372	1 Qntl.	30.732	1.1432304	0
<b>BRM028</b> : 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
<b>BRM340</b> : Cement	0.0372	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0075	1 Cum	170.25	1.276875	0

<b>Total Amount (a+b+c)</b>	181.9493984				
<b>Total GST (a)</b>	3.45138624				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	13.905058848				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	14.9479382616				

<b>LABOUR CESS @ 1% (+)</b>	2.142537817496
<b>Grand Total</b>	216.3963195671
<b>Say For Unit 1 (Grand Total/1)</b>	216.3963195671

### Item 6

**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.	515.44	18.452752	3.32149536
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.	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	170.25	2.55375	0

<b>Total Amount (a+b+c)</b>	162.4965576
<b>Total GST (a)</b>	3.32149536
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	12.436353972
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	13.3690805199
<b>LABOUR CESS @ 1% (+)</b>	1.916234874519
<b>Grand Total</b>	193.53972232642
<b>Say For Unit 1 (Grand Total/1)</b>	193.53972232642

### Item 7

**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.	515.44	22.16392	3.9895056
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.	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	170.25	3.0645	0

<b>Total Amount (a+b+c)</b>				234.873716	
<b>Total GST (a)</b>				3.9895056	
<b>OVERHEAD CHARGES @ 7.5% (+)</b>				17.91474162	
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>				19.2583472415	
<b>LABOUR CESS @ 1% (+)</b>				2.760363104615	
<b>Grand Total</b>				278.79667356612	
<b>Say For Unit 1 (Grand Total/1)</b>				278.79667356612	

**Item 8**

**Flooring (AR0817aa):** Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) 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 plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3)**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
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<b>BRM131</b> : 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 Plain (Ivory)	10	1 Sqm.	651.08	6510.8	0
<b>BRMMR0027</b> : Wax Polish	10	1 Sqm	8.5	85	0
<b>LR044</b> : Mason	3.25	Per day	612	1989	0
<b>LR001</b> : Male mulia	3.25	Per day	462	1501.5	0
<b>LR008</b> : Sangi mulia	7.6	Per day	512	3891.2	0
<b>BRM340</b> : Cement	1.375	1 Qntl.	515.44	708.73	127.5714
<b>BRM028</b> : 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
<b>BRM131</b> : 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 Plain (Ivory)	10	1 Sqm.	12.8738891	128.738891	0
<b>BRM340</b> : Cement	1.375	1 Qntl.	30.732	42.2565	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.15	1 Cum	341.11	51.1665	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM131</b> : 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 Plain (Ivory)	10	1 Sqm.	0	0	0
<b>BRM340</b> : Cement	1.375	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.15	1 Cum	170.25	25.5375	0

<b>Total Amount (a+b+c)</b>	14945.461391
<b>Total GST (a)</b>	127.5714
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	1130.477459325
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	1215.2632687744
<b>LABOUR CESS @ 1% (+)</b>	174.18773519099
<b>Grand Total</b>	17592.96125429
<b>Say For Unit 1 (Grand Total/10)</b>	1759.296125429

**Item 9**

**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.	515.44	1664.8712	299.676816
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.	1380	1242	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.23	1 Qntl.	30.732	99.26436	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	341.11	153.4995	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.	471.31	424.179	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	170.25	76.6125	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.	279.5	251.55	0

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

6453.93256

**Total GST (a)**

299.676816

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

506.5207032

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

544.50975594

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

78.0463983514

<b>Grand Total</b>	7882.6862334914
<b>Say For Unit 1 (Grand Total/1)</b>	7882.6862334914

**SANJU  
JE  
Dunguripali Block**

**AEEDPALI  
AEE  
Dunguripali Block**

**Dillip Kumar Bara  
BDO  
Dunguripali Block**