

## Analysis

**OD/353/3361/117531/414233/00070784 : Expansion of school building at Primary school  
,Putrupada  
Block : Nuagada, Gram Panchayat : Putrupada  
Created By:Loknath Sabar**

<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
LR002 : Female mulia	0.14	Per day	462	64.68	0
BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	1 Cum	33	33	0
LR001 : Male mulia	2.82	Per day	462	1302.84	0
LR025 : Mason	1.05	Per day	562	590.1	0
LR044 : Mason	0.35	Per day	612	214.2	0
BRM340 : Cement	0.672	1 Qntl.	569.86	382.94592	68.9302656
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	76.88	21.5264	0
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 $\pm 2$ %	350	1000 Nos	5.14255	1799.8925	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.672	1 Qntl.	48.567	32.637024	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	731.71	204.8788	0
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 $\pm 2$ %	350	1000 Nos	1.4531	508.585	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.672	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	279.25	78.19	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>	5233.475644
<b>Total GST (a)</b>	68.9302656
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	397.68044322
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	427.5064764615
<b>LABOUR CESS @ 1% (+)</b>	61.275928292815
<b>Grand Total</b>	6188.8687575743
<b>Say For Unit 1 (Grand Total/1)</b>	6188.8687575743

## Item 2

**R.C.C. Work (AR0404Ac):** Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)

Sub-Item of Work

**Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips**

### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: R.C.C. Work (AR0404A)</b>					
<b>PM096</b> : Generator 33KVA Generation of Electric Energy 50KVA	0.4	per hour	700	280	0
<b>PM083</b> : Concrete Mixer 04/0.28 cum Concrete Mixing 2.5cum/hour	0.4	per hour	229.55	91.82	0
<b>LR001</b> : Male mulia	1.3333	Per day	462	615.9846	0
<b>LR025</b> : Mason	0.1	Per day	562	56.2	0
<b>LR010</b> : Mate	0.0573	Per day	512	29.3376	0
<b>BRM340</b> : Cement	3.4733	1 Qntl.	569.86	1979.294738	356.27305284
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	76.88	34.596	0
<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	1418.67	510.7212	0
<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	1382.29	746.4366	0
<b>Combine :: R.C.C. Work (AR0410d)</b>					
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	1Mtr	51.87	229.244652	0

<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	1Cum.	58374.79	2424.24665391	0
<b>LR008</b> : Sangi mulia	5.23875	Per day	512	2682.24	0
<b>LR027</b> : Carpenter	5.23875	Per day	562	2944.1775	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.4733	1 Qntl.	48.567	168.6877611	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	731.71	329.2695	0
<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	861.91	310.2876	0
<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	861.91	465.4314	0
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.045339	1Mtr	245.856	11.146865184	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	1Cum.	245.856	10.210153824	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.4733	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	279.25	125.6625	0
<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	269.5	97.02	0
<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	269.5	145.53	0
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.045339	1Mtr	0	0	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	1Cum.	0	0	0

<b>Total Amount (a+b+c)</b>	14287.545324018
<b>Total GST (a)</b>	356.27305284
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	1098.2863782644
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	1180.6578566342
<b>LABOUR CESS @ 1% (+)</b>	169.22762611757
<b>Grand Total</b>	17091.990237874
<b>Say For Unit 1 (Grand Total/1)</b>	17091.990237874

**Item 3**

**R.C.C. Work (AR0404Ad):** Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)

Sub-Item of Work

**Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: R.C.C. Work (AR0404A)</b>					
<b>PM096</b> : Generator 33KVA Generation of Electric Energy 50KVA	0.4	per hour	700	280	0
<b>PM083</b> : Concrete Mixer 04/0.28 cum Concrete Mixing 2.5cum/hour	0.4	per hour	229.55	91.82	0
<b>LR001</b> : Male mulia	1.3333	Per day	462	615.9846	0
<b>LR025</b> : Mason	0.1	Per day	562	56.2	0
<b>LR010</b> : Mate	0.0573	Per day	512	29.3376	0
<b>BRM340</b> : Cement	3.4733	1 Qntl.	569.86	1979.294738	356.27305284
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	76.88	34.596	0
<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	1418.67	510.7212	0
<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	1382.29	746.4366	0
<b>Combine :: R.C.C. Work (AR0410e)</b>					
<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	3.7695	1Mtr.	41.81	157.602795	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	1Cum.	58374.79	4327.527494465	0
<b>LR008</b> : Sangi mulia	2.24375	Per day	512	1148.8	0
<b>LR027</b> : Carpenter	2.24375	Per day	562	1260.9875	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.4733	1 Qntl.	48.567	168.6877611	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	731.71	329.2695	0
<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	861.91	310.2876	0

<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	861.91	465.4314	0
<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	0.049542	1Mtr.	245.856	12.180197952	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	1Cum.	245.856	18.226165776	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.4733	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	279.25	125.6625	0
<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	269.5	97.02	0
<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	269.5	145.53	0
<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	0.049542	1Mtr.	0	0	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	1Cum.	0	0	0

<b>Total Amount (a+b+c)</b>	12911.603652293
<b>Total GST (a)</b>	356.27305284
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	995.09075288497
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	1069.7225593513
<b>LABOUR CESS @ 1% (+)</b>	153.32690017369
<b>Grand Total</b>	15486.016917543
<b>Say For Unit 1 (Grand Total/1)</b>	15486.016917543

**Item 4**

**R.C.C. Work (AR0404Ag):** Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)

Sub-Item of Work

**Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: R.C.C. Work (AR0404A)</b>					
<b>PM096</b> : Generator 33KVA Generation of Electric Energy 50KVA	0.4	per hour	700	280	0
<b>PM083</b> : Concrete Mixer 04/0.28 cum Concrete Mixing 2.5cum/hour	0.4	per hour	229.55	91.82	0

<b>LR001</b> : Male mulia	1.3333	Per day	462	615.9846	0
<b>LR025</b> : Mason	0.1	Per day	562	56.2	0
<b>LR010</b> : Mate	0.0573	Per day	512	29.3376	0
<b>BRM340</b> : Cement	3.4733	1 Qntl.	569.86	1979.294738	356.27305284
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	76.88	34.596	0
<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	1418.67	510.7212	0
<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	1382.29	746.4366	0
<b>Combine :: R.C.C. Work (AR0410a)</b>					
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	1Mtr	51.87	322.714392	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	1Cum.	58374.79	2931.418504388	0
<b>LR008</b> : Sangi mulia	3.05525	Per day	512	1564.288	0
<b>LR027</b> : Carpenter	3.05525	Per day	562	1717.0505	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.4733	1 Qntl.	48.567	168.6877611	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	731.71	329.2695	0
<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	861.91	310.2876	0
<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	861.91	465.4314	0
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.076659	1Mtr	245.856	18.847075104	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	1Cum.	245.856	12.3461999232	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.4733	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	279.25	125.6625	0
<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	269.5	97.02	0

<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	269.5	145.53	0
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.076659	1Mtr	0	0	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	1Cum.	0	0	0

<b>Total Amount (a+b+c)</b>	12552.944170515
<b>Total GST (a)</b>	356.27305284
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	968.19129175164
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	1040.805638633
<b>LABOUR CESS @ 1% (+)</b>	149.1821415374
<b>Grand Total</b>	15067.396295277
<b>Say For Unit 1 (Grand Total/1)</b>	15067.396295277

<b>Item 5</b>
<b>R.C.C. Work (AR0404Af):</b> Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Sun sheds & Chajja)
Sub-Item of Work <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b>

<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>Combine :: R.C.C. Work (AR0404A)</b>					
<b>PM096</b> : Generator 33KVA Generation of Electric Energy 50KVA	0.025	per hour	700	17.5	0
<b>PM083</b> : Concrete Mixer 04/0.28 cum Concrete Mixing 2.5cum/hour	0.025	per hour	229.55	5.73875	0
<b>LR001</b> : Male mulia	0.08333125	Per day	462	38.4990375	0
<b>LR025</b> : Mason	0.00625	Per day	562	3.5125	0
<b>LR010</b> : Mate	0.00358125	Per day	512	1.8336	0
<b>BRM340</b> : Cement	0.21708125	1 Qntl.	569.86	123.705921125	22.2670658025
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.028125	1 Cum	76.88	2.16225	0
<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.0225	1 Cum.	1418.67	31.920075	0
<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.03375	1 Cum.	1382.29	46.6522875	0

Combine :: R.C.C. Work (AR0410a)					
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.68432	1Mtr	51.87	35.4956784	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00552344	1Cum.	58374.79	322.4296500776	0
<b>LR008</b> : Sangi mulia	0.33605	Per day	512	172.0576	0
<b>LR027</b> : Carpenter	0.33605	Per day	562	188.8601	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.21708125	1 Qntl.	48.567	10.54298506875	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.028125	1 Cum	731.71	20.57934375	0
<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.0225	1 Cum.	861.91	19.392975	0
<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.03375	1 Cum.	861.91	29.0894625	0
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0084318	1Mtr	245.856	2.0730086208	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00552344	1Cum.	245.856	1.35797086464	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.21708125	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.028125	1 Cum	279.25	7.85390625	0
<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.0225	1 Cum.	269.5	6.06375	0
<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.03375	1 Cum.	269.5	9.095625	0
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0084318	1Mtr	0	0	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00552344	1Cum.	0	0	0

<b>Total Amount (a+b+c)</b>	1096.4164766568
<b>Total GST (a)</b>	22.2670658025
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	83.901265684447
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	90.19386061078
<b>LABOUR CESS @ 1% (+)</b>	12.927786687545
<b>Grand Total</b>	1305.7064554421
<b>Say For Unit 1 (Grand Total/1)</b>	1305.7064554421

**Item 6**

**Concrete (AR0303a):** Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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

**Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	2.5	Per day	462	1155	0
LR025 : Mason	0.18	Per day	562	101.16	0
BRM340 : Cement	2.29	1 Qntl.	569.86	1304.9794	234.896292
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	76.88	36.9024	0
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	787.36	755.8656	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	48.567	111.21843	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	731.71	351.2208	0
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	341.11	327.4656	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	279.25	134.04	0
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	269.5	258.72	0

<b>Total Amount (a+b+c)</b>	5183.37223
<b>Total GST (a)</b>	234.896292
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	406.37013915
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	436.84789958625
<b>LABOUR CESS @ 1% (+)</b>	62.614865607363
<b>Grand Total</b>	6324.1014263436
<b>Say For Unit 1 (Grand Total/1)</b>	6324.1014263436

**Item 7**

**Earth Work (AR0115):** Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.

Sub-Item of Work  
**Filling foundation and plinth with sand well watered and rammed**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	71.94	7194	0
LR002 : Female mulia	12.36	Per day	462	5710.32	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	731.71	73171	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	279.25	27925	0

<b>Total Amount (a+b+c)</b>	114000.32				
<b>Total GST (a)</b>	0				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	8550.024				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	9191.2758				
<b>LABOUR CESS @ 1% (+)</b>	1317.416198				
<b>Grand Total</b>	133059.035998				
<b>Say For Unit 1 (Grand Total/100)</b>	1330.59035998				

**Item 8**

**Plastering (AR1017i):** 20mm thick cement Plaster in CM (1:4) over stone 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  
**20mm thick cement Plaster in CM (1:4) over masonry work in outside**

**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	0.0744	1 Qntl.	569.86	42.397584	7.63156512
BRM028 : Screened and washed sharp sand for mortar	0.021	1 Cum	76.88	1.61448	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
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<b>BRM340</b> : Cement	0.0744	1 Qntl.	48.567	3.6133848	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	1 Cum	731.71	15.36591	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.0744	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	1 Cum	279.25	5.86425	0

<b>Total Amount (a+b+c)</b>	269.6556088
<b>Total GST (a)</b>	7.63156512
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	20.796538044
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	22.3562783973
<b>LABOUR CESS @ 1% (+)</b>	3.204399903613
<b>Grand Total</b>	323.64439026491
<b>Say For Unit 1 (Grand Total/1)</b>	323.64439026491

**Item 9**

**Plastering (AR1008i):** 20mm thick cement Plaster in CM (1:6) over stone 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

**20mm thick cement Plaster in CM (1:6) over stone work in outside (Outside)**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>LR002</b> : Female mulia	0.11	Per day	462	50.82	0
<b>LR001</b> : Male mulia	0.13	Per day	462	60.06	0
<b>LR025</b> : Mason	0.16	Per day	562	89.92	0
<b>BRM340</b> : Cement	0.057	1 Qntl.	569.86	32.48202	5.8467636
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	1 Cum	76.88	1.61448	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.057	1 Qntl.	48.567	2.768319	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	1 Cum	731.71	15.36591	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.057	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	1 Cum	279.25	5.86425	0

<b>Total Amount (a+b+c)</b>	258.894979
<b>Total GST (a)</b>	5.8467636
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	19.855630695
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	21.344802997125
<b>LABOUR CESS @ 1% (+)</b>	3.0594217629213
<b>Grand Total</b>	309.00159805505
<b>Say For Unit 1 (Grand Total/1)</b>	309.00159805505

### Item 10

**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.	569.86	24.50398	4.4107164
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.	48.567	2.088381	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	731.71	13.17078	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	279.25	5.0265	0

<b>Total Amount (a+b+c)</b>	246.973481
<b>Total GST (a)</b>	4.4107164
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	18.853814805
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	20.267850915375
<b>LABOUR CESS @ 1% (+)</b>	2.9050586312038
<b>Grand Total</b>	293.41092175158
<b>Say For Unit 1 (Grand Total/1)</b>	293.41092175158

**Item 11**

**R.C.C. Work (AR0409):** Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.

Sub-Item of Work

**Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	8	Per day	462	3696	0
LR046 : Blacksmith	3	Per day	612	1836	0
LR010 : Mate	0.44	Per day	512	225.28	0
BRM162 : Binding Wire.	8	1 Kg.	90.1	720.8	0
BRM341 : Steel	10.5	1 Qntl.	6176.82	64856.61	11674.1898

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	10.5	1 Qntl.	48.567	509.9535	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	10.5	1 Qntl.	0	0	0

<b>Total Amount (a+b+c)</b>		71844.6435
<b>Total GST (a)</b>		11674.1898
<b>OVERHEAD CHARGES @ 7.5% (+)</b>		6263.9124975
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>		6733.7059348125
<b>LABOUR CESS @ 1% (+)</b>		965.16451732312
<b>Grand Total</b>		97481.616249636
<b>Say For Unit 1 (Grand Total/10)</b>		9748.1616249636

**Item 12**

**Roofing (AR1132i):** Supplying, fitting & fixing of G.C.I. Sheet (0.40mm 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, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM150 : G.C.I. Sheet 0.40mm thick	9.3	1 Sqm.	333.12	3098.016	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
BRM150 : G.C.I. Sheet 0.40mm thick	9.3	1 Sqm.	2.9080968	27.04530024	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM150 : G.C.I. Sheet 0.40mm thick	9.3	1 Sqm.	0	0	0

<b>Total Amount (a+b+c)</b>	4967.06130024
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	372.529597518
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	400.46931733185
<b>LABOUR CESS @ 1% (+)</b>	57.400602150898
<b>Grand Total</b>	5797.4608172407
<b>Say For Unit 1 (Grand Total/9.3)</b>	623.38288357427

**Item 13**

**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.	6176.82	3137.82456	564.8084208
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>b) Carriage Rate Details</b>					
<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<b>BRM341 : Steel</b>	0.508	1 Qntl.	48.567	24.672036	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>BRM341 : Steel</b>	0.508	1 Qntl.	0	0	0

<b>Total Amount (a+b+c)</b>	7370.996596				
<b>Total GST (a)</b>	564.8084208				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	595.18537626				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	639.8242794795				
<b>LABOUR CESS @ 1% (+)</b>	91.708146725395				
<b>Grand Total</b>	9262.5228192649				
<b>Say For Unit 1 (Grand Total/0.508)</b>	18233.312636348				

**Prasant kumar mallick**  
**JE**  
**Nuagada Block**

**Pradiumna kumar dash**  
**AEE**  
**Nuagada Block**

**Loknath Sabar**  
**BDO**  
**Nuagada Block**