

## Analysis

**OD/354/3380/117898/411379/00068312 : Completion of AWC-3 at ANM Center Site at  
Balichai  
Block : Polosara, Gram Panchayat : Balichai  
Created By:SASI BHUSAN MAHAPATRO**

<b>Item 1</b>					
<b>R.C.C. Work (AR0410d):</b> Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, grider and bressmer, etc. Data for 4.2sqm					
Sub-Item of Work <b>Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting</b>					
<b>a) Specific Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	2.32	1Mtr	51.87	120.3384	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0218	1Cum.	58374.79	1272.570422	0
<b>LR008</b> : Sangi mulia	2.75	Per day	512	1408	0
<b>LR027</b> : Carpenter	2.75	Per day	562	1545.5	0
<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0238	1Mtr	245.856	5.8513728	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0218	1Cum.	245.856	5.3596608	0
<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0238	1Mtr	0	0	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0218	1Cum.	0	0	0
<b>Total Amount (a+b+c)</b>	4357.6198556				
<b>Total GST (a)</b>	0				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	326.82148917				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	351.33310085775				
<b>LABOUR CESS @ 1% (+)</b>	50.357744456277				
<b>Grand Total</b>	5086.132190084				
<b>Say For Unit 1 (Grand Total/4.2)</b>	1210.9838547819				

**Item 2**

**R.C.C. Work (AR0410a):** Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height

Sub-Item of Work

**Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	5.6	1Mtr	51.87	290.472	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0452	1Cum.	58374.79	2638.540508	0
<b>LR008</b> : Sangi mulia	2.75	Per day	512	1408	0
<b>LR027</b> : Carpenter	2.75	Per day	562	1545.5	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.069	1Mtr	245.856	16.964064	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0452	1Cum.	245.856	11.1126912	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.069	1Mtr	0	0	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0452	1Cum.	0	0	0

<b>Total Amount (a+b+c)</b>	5910.5892632
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	443.29419474
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	476.5412593455
<b>LABOUR CESS @ 1% (+)</b>	68.304247172855
<b>Grand Total</b>	6898.7289644584
<b>Say For Unit 1 (Grand Total/9)</b>	766.52544049537

**Item 3**

**R.C.C. Work (AR0402a):** 'Reinforced cement concrete (1:1.5:3) work with 12mm size black hard hand 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. complete and as per direction of Engineer-in charge. (To be used for minor repair work only)

Sub-Item of Work

**Reinforced cement concrete (1:11/2:3) work with 12mm size black hard hand broken granite chips****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.	1070	963	0
<b>BRM340</b> : Cement	4.29	1 Qntl.	567.71	2435.4759	438.385662
<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>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	66.23	29.8035	0

**b) Carriage 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.	341.11	306.999	0
<b>BRM340</b> : Cement	4.29	1 Qntl.	30.732	131.84028	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	341.11	153.4995	0

**c) Royalty 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.	149.5	134.55	0
<b>BRM340</b> : Cement	4.29	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	40.25	18.1125	0

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

6680.64068

**Total GST (a)**

438.385662

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

533.92697565

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

573.97149882375

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

82.269248164737

**Grand Total**

8309.1940646385

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

8309.1940646385

**Item 4**

**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.	6192.44	65020.62	11703.7116

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	10.5	1 Qntl.	30.732	322.686	0

**c) Royalty Rate Details**

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

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

71821.386

**Total GST (a)**

11703.7116

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

6264.38232

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

6734.210994

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

965.23690914

**Grand Total**

97488.92782314

**Say For Unit 1 (Grand Total/10)**

9748.892782314

**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
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LR001 : Male mulia	0.12	Per day	462	55.44	0
LR002 : Female mulia	0.05	Per day	462	23.1	0
LR025 : Mason	0.14	Per day	562	78.68	0
BRM340 : Cement	0.0372	1 Qntl.	567.71	21.118812	3.80138616
BRM028 : Screened and washed sharp sand for mortar	0.0075	1 Cum	66.23	0.496725	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0372	1 Qntl.	30.732	1.1432304	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	40.25	0.301875	0

<b>Total Amount (a+b+c)</b>	182.8389674
<b>Total GST (a)</b>	3.80138616
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	13.998026517
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	15.047878505775
<b>LABOUR CESS @ 1% (+)</b>	2.1568625858278
<b>Grand Total</b>	217.8431211686
<b>Say For Unit 1 (Grand Total/1)</b>	217.8431211686

**Sarat Kumar Malla**  
**JE**  
**Polosara Block**

**Laxmi Narayan Pattanayak**  
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**Polosara Block**

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