

## Analysis

**OD/366/3520/120537/427291/00086029 : satesbatia road**  
**Block : Raighar, Gram Panchayat : Hatabharandi**  
**Created By:CPPPMS**

<b>Item 1</b>
<b>Road Work (AR1341a):</b> Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per Clause 404 of MoRT&H Specifications for Road & Bridge works(Last Revision).
Sub-Item of Work <b>Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam</b>

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRMMR0037 : Cost of water	144	KL	10	1440	0
BRM025 : Gravel or moorum	108	1 Cum	64.52	6968.16	0
BRM075 : I.R.C. Grade I (90mm-45 mm.)	435.6	1 Cum.	804.94	350631.864	0
PM027 : Truck mounted water tanker Water transport 6KL	24	per hour	900.84	21620.16	0
PM025 : Smooth wheeled Roller 8 -10 tonne BMcompaction 25cum/hour	12	per hour	524.7	6296.4	0
LR001 : Male mulia	250	Per day	462	115500	0
LR025 : Mason	2	Per day	562	1124	0
LR010 : Mate	10.08	Per day	512	5160.96	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	108	1 Cum	341.11	36839.88	0
BRM075 : I.R.C. Grade I (90mm-45 mm.)	435.6	1 Cum.	471.31	205302.636	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	108	1 Cum	40.25	4347	0
BRM075 : I.R.C. Grade I (90mm-45 mm.)	435.6	1 Cum.	149.5	65122.2	0

<b>Total Amount (a+b+c)</b>	820353.26
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	8203.5326
<b>Grand Total</b>	828556.7926
<b>Say For Unit 1 (Grand Total/360)</b>	2301.5466461111

**Item 2**

**Road Work (AR1341c):** Providing, laying, spreading and compacting Grading-II stone aggregates of specific sizes using moorum or gravel to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per Clause 404 of MoRT&H Specifications for Road & Bridge works(Last Revision).

Sub-Item of Work

**Providing, laying, spreading and compacting Grading-II stone aggregates of specific sizes using moorum or gravel to water bound macadam**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRMMR0037</b> : Cost of water	144	KL	10	1440	0
<b>BRM076</b> : I.R.C. Grade II (63mm. to 45mm.)	435.6	1 Cum.	906.85	395023.86	0
<b>BRM025</b> : Gravel or moorum	105.59	1 Cum	64.52	6812.6668	0
<b>PM027</b> : Truck mounted water tanker Water transport 6KL	24	per hour	900.84	21620.16	0
<b>PM025</b> : Smooth wheeled Roller 8 -10 tonne BMcompaction 25cum/hour	12	per hour	524.7	6296.4	0
<b>LR001</b> : Male mulia	250	Per day	462	115500	0
<b>LR025</b> : Mason	2	Per day	562	1124	0
<b>LR010</b> : Mate	10.08	Per day	512	5160.96	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM025</b> : Gravel or moorum	105.59	1 Cum	341.11	36017.8049	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM025</b> : Gravel or moorum	105.59	1 Cum	40.25	4249.9975	0

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

593245.8492

**Total GST (a)**

0

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

5932.458492

**Grand Total**

599178.307692

**Say For Unit 1 (Grand Total/360)**

1664.3841880333

**Item 3**

**Road Work (AR1341e):** Providing, laying, spreading and compacting Grading-III stone aggregates of specific sizes using moorum or gravel to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per Clause 404 of MoRT&H Specifications for Road & Bridge works(Last Revision).

Sub-Item of Work

**Providing, laying, spreading and compacting Grading-III stone aggregates of specific sizes using moorum or gravel to water bound macadam**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRMMR0037 : Cost of water	144	KL	10	1440	0
BRM077 : I.R.C.Grade III (53mm. to 22.4mm.)	435.6	1 Cum.	990.88	431627.328	0
BRM025 : Gravel or moorum	105.59	1 Cum	64.52	6812.6668	0
PM027 : Truck mounted water tanker Water transport 6KL	24	per hour	900.84	21620.16	0
PM025 : Smooth wheeled Roller 8 -10 tonne BMcompaction 25cum/hour	12	per hour	524.7	6296.4	0
LR001 : Male mulia	250	Per day	462	115500	0
LR025 : Mason	2	Per day	562	1124	0
LR010 : Mate	10.08	Per day	512	5160.96	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	105.59	1 Cum	341.11	36017.8049	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	105.59	1 Cum	40.25	4249.9975	0

<b>Total Amount (a+b+c)</b>	629849.3172
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	6298.493172
<b>Grand Total</b>	636147.810372
<b>Say For Unit 1 (Grand Total/360)</b>	1767.0772510333

**Item 4**

**Road Work (AR1304):** Flank dressing to proper camber and as per direction of Engineer-in-charge.

Sub-Item of Work

**Flank dressing to proper camber and as per direction of Engineer-in-charge.**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	0.12	Per day	462	55.44	0

<b>Total Amount (a+b+c)</b>	55.44
<b>Total GST (a)</b>	0

<b>LABOUR CESS @ 1% (+)</b>	0.5544
<b>Grand Total</b>	55.9944
<b>Say For Unit 1 (Grand Total/9.3)</b>	6.0209032258065

**DURGAPRASAD HANSDAH**  
**JE**  
**Raighar Block**

**SIDDHARTH SHANKAR RANA**  
**AEE**  
**Raighar Block**

**RITU SINGH**  
**BDO**  
**Raighar Block**