

## Detailed Estimate

**OD/366/3520/120549/427209/00085997 : Gouda sahi road**  
**Block : Raighar, Gram Panchayat : Naktisimoda**  
**Created By:TANMAY PATTNAIK**

<b>1. Road Work (AR1341e) : Providing, laying, spreading and compacting Grading-III stone aggregates of specific sizes using moorum or gravel to water bound macadam</b>								
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).								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	bhg	2.000	2.000	1.000	2.000	2.000	16.000	-
Total Quantity						16 Cft (Cubic Foot)	0.4530688 Cum (Cubic Meter)	
Amount						<b>0.4530688 X 1786.3623846167</b>	<b>809.35</b>	
<b>2. Road Work (AR1322a) : Laying 6mm thick precoated seal coat Type-B (VG-30) bitumen (from Paradip)</b>								
Laying 6mm thick precoated seal coat Type-B using 0.06 cum of 6.7mm size chips as per sieve analysis and 6.8Kg of viscosity grade (VG-30) bitumen (from Paradip) per 10sqm.including cost conveyance, royalty, taxes, cess etc. of all materials, hire and running charges of PRR, hot mix plant, tar boiler and all other T&P articles etc. required for the work complete as per specification and direction of the Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	bbb	1.000	3.000	2.000	1.000	2.000	12.000	-
Total Quantity						12 Sft (Square Foot)	1.114836 Sqm (Square Meter)	
Amount						<b>1.114836 X 74.067610983772</b>	<b>82.57</b>	
<b>3. Road Work (AR1344a) : Providing and applying tack coat with bitumen emulsion rapid setting (packed) using emulsion pressure distributor</b>								
Providing and applying tack coat with bitumen emulsion rapid setting (packed) (from Bhubaneswar) using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom as per MoRT&H Specifications for Road & Bridge works (Last Revision) including cost conveyance, taxes, cess etc. of all materials and direction of the Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	gfgf	3.000	2.000	2.000	1.000	2.000	24.000	-
Total Quantity					24 Sft (Square Foot)		2.229672 Sqm (Square Meter)	
Amount					2.229672 X 13.427048502857		29.94	

#### 4. Concrete (AR0304) : Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal

Cement concrete (1:4:8) with 4 cm. hard granite(Crusher 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	nvcgh	10.000	2.000	3.000	3.000	2.000	360.000	-
Total Quantity					360 Cft (Cubic Foot)		10.194048 Cum (Cubic Meter)	
Amount					10.194048 X 4958.0454792		50542.55	

#### 5. Concrete (AR0317) : First floor

2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	nbn	5.000	2.000	3.000	3.000	4.000	360.000	-
Total Quantity					360 Sft (Square Foot)		33.44508 Sqm (Square Meter)	
Amount					33.44508 X 382.423789756		12790.19	

**Total Amount (A) : 64254.60**

#### Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for PH Work @ 2%	-	1285.092081173
2	Provision for EI Work @ Rs.3	-	3

3	Provision for Contingency @ Rs.10	-	10
4	Display Citizen Board @ 2%	-	1285.092081173
5	Any Other Lumpsum @ 5%	-	3212.7302029326
6	Provision for survey investigation and quality control @ Rs.10	-	10
<b>Additional Components Amount (F) : 5805.9143652787</b>			
<b>Grand Total Amount (A + F) : 70060.518423931</b>			

**TANMAY PATTNAIK**  
**JE**  
**Raighar Block**

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

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