


 GANDAKI PROVINCE
MADI RURAL MUNICIPALITY
 Office of Rural Municipal Executive
 Thumakodada Kaski

Name of Project: वडा न ११ मूल सडक बागखोर चौतारी सडक ढलान तथा सोलिंग योजना
 Location: Madi Rural Municipality 11

S.N.	Description	Unit	Quantity	BOQ		Amount	Remarks
				Rate			
				In figure	In words		
A Earthwork Excavation In Foundation							
1	Earthwork in excavation of Ordinary Soil for foundation of structures, including construction of shoring and bracing, removal of stumps and other deleterious matter and backfilling with approved Material as per Drawing and Technical Specifications and instruction of engineer.	m ³	34.00				
B Structure Works							
1	Providing and laying of hand pack Stone soling with 150 to 200 mm thick stones and packing with smaller stone on prepared surface as per Drawing and Technical Specifications.	m ²	25.50				
2	Providing and laying of Reinforced Cement Concrete in Foundation complete as per Drawing and Technical Specifications .Grade M20 (Including Formwork)	m ³	34.00				
3	Providing and laying , fitting and placing HYSD bar reinforcement in sub-structure complete as per drawing and technical specification.	kg	1399.18				
						Total Cost	
						VAT @ 13%	
						Grand Total	
Grand Total in words:							

Name of Firm :

Authorized Person Signature:

Firm Stamp:

Date:


 10/11/2020
 Office of Rural Municipal Executive



GANDAKI PROVINCE
MADI RURAL MUNICIPALITY
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Abstract of cost



Name of Project: वडा न ११ मुल सडक बागखोर चौतारी सडक ढलान तथा सोलिंग योजना
Location: Madi Rural Municipality 11

क्र.स.नः
आ.बः ७९-८०

S.N.	Description	Unit	Quantity	Rate	Amount	Remarks
A	Earthwork Excavation In Foundation					
1	Earthwork in excavation of Ordinary Soil for foundation of structures, including construction of shoring and bracing, removal of stumps and other deleterious matter and backfilling with approved Material as per Drawing and Technical Specifications and instruction of engineer.	m ³	34.00	69.94	2377.96	
B	Structure Works					
1	Providing and laying of hand pack Stone soling with 150 to 200 mm thick stones and packing with smaller stone on prepared surface as per Drawing and Technical Specifications.	m ³	25.50	4502.25	114807.38	
2	Providing and laying of Reinforced Cement Concrete in Foundation complete as per Drawing and Technical Specifications. Grade M20 (Including Formwork)	m ³	34.00	13633.34	463533.58	
3	Providing and laying , fitting and placing HYSD bar reinforcement in sub-structure complete as per drawing and technical specification.	kg	1399.18	129.92	181781.50	
				Total Civil Cost	762500.42	
				Contingency(3%)	22875.01	
				VAT 13%	99125.05	
				Total Cost including (VAT and Contingency)	884500.48	

Prepared By:-

Checked By:-

Approved By:-



मादी गाँउपालिका
गाउँ कार्यपालिकाको कार्यालय
भुमाकोडाँडा, कास्की



योजनाको नाम :- वडा नं. ११ मूल सडक बागखोर चौतारी सडक ढलान तथा सोलिंग
स्थान :- मादी ११, बाघखोर.

आ.व. :- २०७९/८०

सी.नं. :-

खर्च शीर्षक नं. :-

Detailed Quantity Estimate (लागत परिमाण)

S.N.	Description of Works	Nos.	Length(m)	Breadth(m)	Height(m)	Quantity	Unit	Rate	Amount	Remarks
1	जग खन्ने कार्य	1.00	34.00	5.00	0.20	34.00				
				Total Quantity		34.00	Cum	69.94	2377.96	dr with vat
2	सोलिंग कार्य	1.00	34.00	5.00	0.15	25.50				
				Total Quantity		25.50	Cum	4502.25	114807.38	dolidar
3	आर.सि.सि. को लागि फलामे इण्डी काटने, मोइने, नक्शा अनुसार ठाउँमा राख्ने, इण्डी बाँध्ने र ३० मि. सम्म ढुवानी समेत					1399.18	Kg	129.92	181781.50	dolidar
	10mm Rebar @ 150mm Spacing c-c	33	34.00	0.62		699.59				
	10mm Rebar @ 150mm Spacing c-c	227	5.00	0.62		699.59				
4	M20 (१:१:५:३) को पी.सी.सी. ढलान कार्य	1.00	34.00	5.00	0.20	34.00	Cum	13633.34	463533.58	DOR

Prepared By:-

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Planning By:-

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Norms no	6.5	Norms Unit	1	CUM
Items Description	Stone filling work in foundation trench			
	Description	Quantity	Unit	Rate
Labour	Skilled		and	850.00
	Unskilled	1.5		1275.00
Materials	Stone	1.2	Cu.m	2200.00
				2640.00
				Total
				3915.00
				contractors overhead and expenses (15%)
				587.25
				Rate per unit
				4502.25
Norms no	40 - 10	Norms Unit	1	Metric Ton
Items Description	Reinforcement for RCC work. It includes procuring steel, its bending, placing, binding and fixing in position as shown on the drawings and as directed by the Engineer. It also includes all devices for keeping reinforcement in approved position and jointing as per approved method with due allowances for wastage, overlaps, spacer bars and annealed steel wire for binding.			
	b - For walls or vertical structures with a height not exceeding 4 m			
	Description	Quantity	Unit	Rate
Labour	Skilled	7	and	1125.00
	Unskilled	7		2875
Materials	Re- bar	1.05	mt	850.00
	binding wire	10	kg	5950
				98031.68
				Total
				11175
				1117.5
				contractors overhead and expenses (15%)
				16946.127
				Rate per kg
				120.920



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Description of work		Providing and laying of Reinforced Cement Concrete in Foundation complete as per Drawing and Technical Specifications. Grade M20 (Including Formwork)													Unit : 15 m3		
Spec. cl. No: 2000		Labour (A)					Material (B)					Equipment (C)					
Norms No.	Type	Unit	Qty.	Rate	Amount	Type	Unit	Qty.	Rate	Amount	Type	Unit	Qty.	Rate	Amount		
202 C	Skilled	md	4.50	1125.00	5062.50	cement	mt	5.210	13513.50	70405.33	mixer (0.28/ 0.20 m ³)	hr	6.00	0	0.00		
	Unskilled	md	45.00	850.00	38250.00	aggregate 20mm	m ³	8.100	2603.00	22704.30	Generator	hr	6.00	0	0.00		
						aggregate 10mm	m ³	5.400	2803.00	15136.20							
						Coarse Sand	m ³	6.750	3006.00	20290.50							
						water	lit	2500.000	0.00	0.00							
Sub total of A =					43312.50	Sub total of B =					128536.33	Sub total of C =					0.00
Sub total of A +B +C =					171848.83	Formwork @ 4 % of A+B+C	6873.9532	Contractor's		25777.32	Total Rate =					204500.11	
Rate Per 1m3 13633.34																	



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Excavation in Roadway, drain and foundation of structure including removal and satisfactory disposal of all materials up to a lead of 50m along the lead route using excavator or breaker(Weighted 100% machine)					
	Ordinary soil	Cum		69.94	Dar rate
	Hard soil	Cum		84.02	Dar rate
	Ordinary rock	Cum		163.18	Dar rate
	Medium rock	Cum		277.60	Dar rate
	Hard rock	Cum		820.06	Dar rate

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मादी गाउँपालिका
गाउँ कार्यपालिकाको कार्यालय
धुमाकोडाँडा, कास्की



सबै निर्माण सामग्री नेपाल वा इन्डियन स्टान्डर वा इन्जिनरीले तोके अनुसार हनुमान्छे
Labour & Material Rate At Site (कामदार र निर्माण सामग्रीको दर योजना स्थलमा)

SN	Labour/ Material	Unit	Weight (kg)	Rate	Mach Rate		Load & Unload		Metalled Road Truck Transportation			Non-Metalled Tractor Transp			Porter Transportation		Total Cost		
					VAT 13%	6=5x13%	Amount with VAT	Load	Unload	Amount	Km	Rate/ Km	Amount	Km	Rate/ Km	Amount		Km	Rate/ Km
1	Nepali OPC cement (नेपाली ओ पिसि सिमेन्ट)	3	4	5		697.50	8	9	10=4(8-9)	11	12	13=4x11x12	14	15	16=4x14x15	17	18	19=4x17x18	20
	Nepali PPC cement (नेपाली पिसि सि. सिमेन्ट)	bag	50.00		0.00	697.50	0.12	0.11	11.58	4.00	0.01	2.60	9.00	0.12	54.00	0.00	2.50	0.00	765.68
	White cement (सोतौ सिमेन्ट)	bag	50.00		0.00	607.50	0.12	0.11	11.58	4.00	0.01	2.60	9.00	0.12	54.00	0.00	2.50	0.00	675.68
	Lime (चुन)	kg	1.00	30.60	3.98	34.58	0.12	0.11	0.23	4.00	0.01	0.05	9.00	0.12	1.08	0.00	2.50	0.00	35.94
	Cement admixture (silica equivalent)	kg	1.00	32.00	4.16	36.16	0.12	0.11	0.23	4.00	0.01	0.05	9.00	0.12	1.08	0.00	2.50	0.00	37.52
	Sand (बालुवा)	kg	1.00	280.00	36.40	316.40	0.12	0.11	0.23	4.00	0.01	0.05	9.00	0.12	1.08	0.00	2.50	0.00	317.76
	Aggregate 40mm (रोडा/गिट्टी)	cu.m	1450.00	2310.00		2310.00			0.00	0.00	0.01	0.00	4.00	0.12	696.00	0.00	2.50	0.00	3006.00
	Aggregate 20mm (रोडा/गिट्टी)	cu.m	1600.00	2035.00		2035.00			0.00	0.00	0.01	0.00	4.00	0.12	768.00	0.00	2.50	0.00	2803.00
	Aggregate 10mm (रोडा/गिट्टी)	cu.m	1600.00	2035.00		2035.00			0.00	0.00	0.01	0.00	4.00	0.12	768.00	0.00	2.50	0.00	2803.00
	Block stone (ढुंगा)	cu.m	1600.00	2200.00		2200.00			0.00	0.00	0.01	0.00	4.00	0.12	768.00	0.00	2.50	0.00	2803.00
	Bond stone (ढुंगा)	cu.m	1600.00	2200.00		2200.00			0.00	0.00	0.01	0.00	4.00	0.12	768.00	0.00	2.50	0.00	2803.00
	Boulder stone (ढुंगा)	cu.m	1600.00	2200.00		2200.00			0.00	0.00	0.01	0.00	4.00	0.12	768.00	0.00	2.50	0.00	2200.00
		cu.m	1600.00	2200.00		2200.00			0.00	0.00	0.01	0.00	4.00	0.12	768.00	0.00	2.50	0.00	2200.00
		cu.m	1600.00	2200.00		2200.00			0.00	0.00	0.01	0.00	4.00	0.12	768.00	0.00	2.50	0.00	2200.00

Prepared by :

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Checked by :

Recommended By:

[Signature]

Approved by :



मादी गाउँपालिका
गाउँ कार्यपालिकाको कार्यालय
शुभाकोडाँडा, कास्की

सबै निर्माण सामग्री नेपाल वा इन्डियन स्टान्डर वा इन्जिनरीले तोके अनुसार हुनुपर्नेछ
Labour & Material Rate At Site (कामदार र निर्माण सामग्रीको दर योजना स्थलमा)

S.N.	Labour/Material	Unit	Weight (kg)	Madi Rate		Load & Unload		Metallized Road Truck Transportation		Non-Metallized Tractor Transp		Water Transportation		Total Cost					
				Rate	VAT 13%	Amount with VAT	Load	Unload	Amount	Km	Rate/ Km	Amount	Km		Rate/ Km	Amount			
1	फरामे रड	3	4	5	6=5x13%	7=5+6	8	9	10=4(8+9)	11	12	13=4x11x12	14	15	16=4x14x15	17	18	19=4x17x18	20
	MS solid circular bar	kg	1.00	92.00	0.00	92.00	0.12	0.11	0.23	5.00	0.01	0.00	15.00	0.12	1.08	0.00	5.02	0.00	0.00
							0.12	0.11	0.23	4.00	0.01	0.05	9.00	0.12	1.08	0.00	5.02	0.00	93.36



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Prepared by :

Checked by :

Recommended By:

Approved by :



मादी गाउँपालिका
गाउँ कार्यपालिकाको कार्यालय
थुमाकोडाँडा, कास्की



सबै निर्माण सामग्री नेपाल वा इन्डियन स्टान्डर्ड वा इन्जिनरीले तोके अनुसार हुनुपर्नेछ
Labour & Material Rate At Site (कामदार र निर्माण सामग्रीको दर योजना स्थलमा)

S.N.	Labour/ Material	Unit	Weight (kg)	Madi Rate		Load & Unload		Metalled Road/ Truck Transportation		Non-Metalled Road/ Tractor/ Transport		Porter Transportation		Total Cost					
				Rate	Amount with VAT	Load	Unload	Amount	Km	Rate/ Km	Amount	Km	Rate/ Km		Amount	Rate/ Km	Amount		
1	Binding wire (बाइन्डिंग वाइर)	kg	1.00	5	7=5+6	8	9	10=4(8+9)	11	12	13=4(11+12)	14	15	16=4(14+15)	17	18	19=4(17+18)	20	
				111.75	111.75	0.12	0.11	0.00	0.01	0.00	0.12	0.00	0.00	0.00	0.00	2.50	0.00	0.00	111.75

कास्की जिल्लाको मादी गाउँपालिकाको कार्यालय
थुमाकोडाँडा, कास्की

Prepared by :

Checked by :

Recommended By:

Approved by :

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