

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



Name of Project: बाघबोर सडक सोलिंग क्रमागत योजना
 Location: Madi Rural Municipality 11

BOQ

S.N.	Description	Unit	Quantity	Rate		Amount	Remarks
				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	1.20				
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	42.72				
2	Providing and laying of Plain Cement Concrete M10 (or 1:3:6 for nominal mix) in Foundation complete as per Drawing and Technical Specifications including fromework, compaction, curing, testing and lead 30m etc. all complete as per specification and drawing.	m ³	0.80				
3	Providing and laying Random rubble stone masonry in cement mortar [cement(1) : sand(4)] in Structure complete as per drawing and technical specification	kg	12.00				
						Total Cost	
						VAT @ 13%	
						Grand Total	
Grand Total in words:							

Name of Firm :

Authorized Person Signature:

Firm Stamp:

Date:


 Goy Prashant
 Civil Engineer



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



Name of Project: बाघखोर सडक सोलिंग क्रमागत योजना
Location: Madi Rural Municipality 11

क्र.स.नः ३११५१
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	1.20	69.94	83.93	
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	42.72	4502.25	192336.12	
2	Providing and laying of Plain Cement Concrete M10 (or 1:3:6 for nominal mix) in Foundation complete as per Drawing and Technical Specifications including formwork, compaction, curing, testing and lead 30m. etc. all complete as per specification and drawing.	m ³	0.80	10440.28	8352.22	
3	Providing and laying Random rubble stone masonry in cement mortar [cement(1) : sand(4)] in Structure complete as per drawing and technical specification	m ³	12.00	11961.15	143533.83	
Total Civil Cost					344306.10	
Contingency(3%)					10329.18	
VAT 13%					44759.79	
including (VAT and contingency)					399395.07	

Prepared By:-

Checked By:-

Approved By:-



मादी गाँउपालिका
गाउँ कार्यपालिकाको कार्यालय
थुमाकोडाँडा, कास्की

योजनाको नाम :- बागखोर सडक सोलिंग क्रमागत
स्थान :- मादी ११, बागखोर, मादी गा.पा., कास्की

आ.व. :- २०७९/८०
सी.नं.:- १०८
खर्च शीर्षक नं.:- ३११५१

Detailed Quantity Estimate (लागत परिमाण)

क्र.स.	कामको विवरण	संख्या/जम्मा	चौडाइ (मी.)	उचाई (मी.)	परिमाण	ईकाइ	दररेट	रकम रु.	कैफियत
A	१:४ को सिमेन्टेड पर्खाल कार्य								
	धन बहादुरको घरको कुना पट्टि								
1	जग खन्ने कार्य	0.5	8.00	1.00	0.30				
2	सोलिंग कार्य	1	8.00	1.00	0.15	घ.मि.	69.94	83.93	dolidar
3	१:३:६ को पी.सी.सी.कार्य	1	8.00	1.00	0.10	घ.मि.	4502.25	5402.70	dolidar
4	१:४ को पर्खाल कार्य	1	8.00	0.75	2.00	घ.मि.	10440.28	8352.22	dor
						घ.मि.	11961.15	143533.83	dor
B	सोलिंग कार्य, मेन-शाखा मोटरबाटोमा	1.00	86.50	3.20	0.15				
						घ.मि.	4502.25	186933.42	dolidar

Prepared By:-

Checked By:-

Rechecked By:-

Planning By:-

Approved 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	Amount
Labour	Skilled				
	Unskilled	1.5	md	850.00	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

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Signature

Signature

Description of works:		Providing and placing machine mixed M10(or 1:3:6 for nominal mix) cement concrete for the foundation and footing etc. including compaction, curing, testing and lead 30m. etc. all complete as per specification and drawing.													Unit : 15 m ³		
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		
20.10	Skilled	md	3.00	1125.00	3375.00	cement	mt	3.450	13513.50	46621.57	mixer (0.28/ 0.20 m ³)	hr	6.00	0	0.00		
	Unskilled	md	33.00	850.00	28050.00	aggregate 20-40mm	m ³	13.500	2803.00	37840.50	Generator	hr	6.00	0	0.00		
						coarse sand	m ³	6.750	3006.00	20290.50							
						water	lit	2000.000	0.00	0.00							
Sub total of A =					31425.00	Sub total of B =					104752.57	Sub total of C =					0.00
Sub total of A + B + C =					136177.57	Contractor's overhead expenses 15% =					20426.64	Total Rate =					156604.21
															Rate per m ³		10440.28

Description of works:		Providing and laying Random rubble stone masonry in cement mortar [cement(1) : sand(4)] in Structure complete as per drawing and technical specification													Unit : 5 m ³		
Spec. cl. No: 2600, 2607		Labour (A)					Material (B)					Equipment (C)					
Norms No.	Type	Unit	Qty.	Rate	Amount	Type	Unit	Qty.	Rate	Amount	Type	Unit	Qty.	Rate	Amount		
	Skilled	md	7.00	1125.00	7875.00	Cement	t	0.660	13513.50	8918.91	Scaffolding 5 % of L C and MC		0.05	of L.C.	0.00		
	Unskilled	md	20.00	850.00	17000.00	Sand	m ³	1.850	3006.00	5561.10							
						Stone	m ³	5.750	2200.00	12650.00							
						water	lit	1000.00	0	0.00							
Sub total of A =					24875.00	Sub total of B =					27130.01	Sub total of C =					0.00
Sub total of A + B + C =					52005.01	Contractor's overhead expenses 15% =					7800.75	Rate per 5m ³					59805.76
															Rate per m ³		11961.15



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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
शुभाकोडाँडा, 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)

Labour/Material	Unit	Weight (kg)	Madi Rate		Load & Unload			Metalled Road Truck Transportation			NonMetalled Tractor Transport			Porter Transportation			Total Cost	
			Rate	VAT 13% 6=5x13%	Amount with VAT	Load	Unload	Amount	Km	Rate/ Km	Amount	Km	Rate/ Km	Amount	Km	Rate/ Km		Amount
2	3	4	5	6-5x13%	7-5x16	8	9	10=4(8+9)	11	12	13=4x11x12	14	15	16=4x14x15	17	18	19=4x17x18	20
Local OPC cement (नेपाली पोपि सिमेन्ट)	bag	50.00	697.50	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
Local PPC cement (नेपाली पोपि सिमेन्ट)	bag	50.00	607.50	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	765.68
White cement (सेतो सिमेन्ट)	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 (सुन्ने)	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
Cement admixture (silica, equivalent)	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
Gravel (बालुवा)	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 40mm (रोडा/मिट्टी)	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 20mm (रोडा/मिट्टी)	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/मिट्टी)	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	0.00	0.12	0.00	0.00	2.50	0.00	2200.00
Block stone (ढुंगा)	cu.m	1600.00	2200.00		2200.00			0.00	0.00	0.01	0.00	0.00	0.12	0.00	0.00	2.50	0.00	2200.00
Block stone (ढुंगा)	cu.m	1600.00	2200.00		2200.00			0.00	0.00	0.01	0.00	0.00	0.12	0.00	0.00	2.50	0.00	2200.00
Block stone (ढुंगा)	cu.m	1600.00	2200.00		2200.00			0.00	0.00	0.01	0.00	0.00	0.12	0.00	0.00	2.50	0.00	2200.00

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Approved by :