

Government of Nepal
Ministry of Physical Infrastructure and Transport
Department of Roads
BRIDGE BRANCH

BILL OF QUANTITIES



Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Study and Detailed Design of the bridge(s):

S. N.	Name of Bridge	Name of Road	District
1	Kaligandake Bridge,	Hariyochaur – Mirmi	Myagdi
2	Bridge Construction	Ringroad, Mid-Western–North Region	Myagdi
3	Setikhola Motor Bridge	Debilla–Phalebas Pitch Road	Parbat
4	Khahare Khola Bridge,	Kushma mun 4 – 5 Lamapata Himalaya	Parbat
5	Modi Khola Bridge	Bajhung 2 Ambot R Tilahar 3 Danabagar	Parbat
6	Bridge	Chalise Chautara – Naramtako Chautar R.C. Bridge, Kushma mun Ward No. 14	Parbat
7	Lamaye Khola Bridge	Lamaya Khola	Parbat
8	Ambot Khola Bridge	Domsa Durlung Bajung Road	Parbat
9	Gwar Khola Bridge	Rihar Simal Sota–Phulbari Raniyapur–Kutedanda Airport Road	Dang
10	Sisne Khola Bridge	Lamahi Tulsipur Road	Dang

													Contract No.		BB-159-DSD-072/73-26	
SN	Particulars	Unit	Quantity										Total quantity	Rate (excl. VAT)	Rate in words	Amount (excl. VAT)
			Kaligandake Bridge,	Bridge Construction	Setikhola Motor Bridge	Khahare Khola Bridge,	Modi Khola Bridge	Bridge	Lamaye Khola Bridge	Ambot Khola Bridge	Gwar Khola Bridge	Sisne Khola Bridge				
	Desk study and field works															
1	Desk Study including collection of data, maps and other information; planning of the works	Job	1	1	1	1	1	1	1	1	1	1	10			
2	Field works including general reconnaissance, feasibility study, detailed engineering survey of the site, geological & geomorphologic study, field survey, topographic survey, site selection and environmental study, detailed hydrometric and hydrological study and preliminary soil investigation in test pits	Job	1	1	1	1	1	1	1	1	1	1	10			
Subtotal of desk study & field works																
Submission of Feasibility Study Report - 3 copies		If the any of the bridge(s) is found to be unfeasible then the work(s) of that bridge(s) will be terminated at this stage and payment shall be made according to SCC Clause no. 6.4 (a) & (b) NOTE.														
3 Soil investigation																
3.1 Drilling of boreholes and carryout specified Field and Laboratory tests as per the TOR																
	Number of boreholes		2	3	2	2	2	2	3	2	3	2	23	-----	-----	-----
a	Drilling 0 to 20 m in clayey,sandy soils,& gravel mixed soils (Type_1)	RM	0	0	0	0	0	0	0	0	60	0	60			
b	Drilling 0 to 16 m in gravel,pebbles,cobbles & boulders, soft and hard rock (Type_2)	RM	32	48	32	32	32	32	48	32	0	48	336			
Subtotal of drilling works, field tests and laboratory tests																

Bill of Quantities



SN	Particulars	Unit	Quantity										Total quantity	Rate (excl. VAT)	Rate in words 	Amount (excl. VAT)	
			Kaligandake Bridge,	Bridge Construction	Setikhola Motor Bridge	Khahare Khola Bridge,	Modi Khola Bridge	Bridge	Lamaye Khola Bridge	Ambot Khola Bridge	Gwar Khola Bridge	Sisne Khola Bridge					
4	Transportation																
4.1	Transportation of personnel	job	1	1	1	1	1	1	1	1	1	1	10				
4.2	Transportation of equipment	job	1	1	1	1	1	1	1	1	1	1	10				
	Subtotal of transportation																
5	Detailed design and preparation of reports																
5.1	Detailed design works, preparation of cost estimates including bridge type selection, design of bridge, approach roads and river training works and preparation of drawing works as per TOR	job	1	1	1	1	1	1	1	1	1	1	10				
5.2	Submission and presentation of of the works as per TOR including 2 copies in electronic formats (CD-ROM) and (separate sets for each bridge)	job	1	1	1	1	1	1	1	1	1	1	10				
	Subtotal of detailed design and preparation of reports																
	Grand Total																

In words:

Signature:

Name and title:

Date:

Seal: