

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

BILL OF QUANTITIES



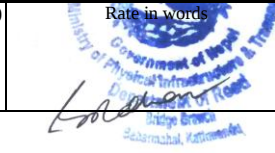
Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Study and Detailed Design of the bridge(s):

S. N.	Name of Bridge	Name of Road	District
1	Nawalapur Motorable Bridge	Balapu Okhaladhunga	Okhaldhunga
2	Sisakhola Chatyangghat	Between Kerung 1 & 6	Solukhumbu
3	Solu Khola	Salvan-2 & Kagel-9	Solukhumbu
4	Kinja Khola – Kinja Majar	Between Chaulakharka & Bhakanje	Solukhumbu
5	Dudhkoshi River Motorable Bridge, Diple	0	Solukhumbu
6	BasaiKhola Motor Bridge	Tulsi VDC 1 – 5 Bisambar – Sindhuli Motor Way	Dhanusa
7	Balawa River Bridge	Kharihani – Geruwahi – Bhatahi Road	Dhanusa
8	Dudhmati River Bridge, Dhanusa	Mahottari Bardaha – Dhanusako VDC Tulasiyahi Nikas Pechaha	Dhanusa
9	Jamani River Bridge	Auri–Sarawe Road	Dhanusa
10	Jamuni River Bridge Paureshwor Deuri	Dui Desh Link Road, Dhanusa	Dhanusa

Contract No. BB-159-DSD-072/73-07

SN	Particulars	Unit	Quantity										Total quantity	Rate (excl. VAT)	Rate in words	Amount (excl. VAT)
			Nawalapur Motorable Bridge	Sisakhola Chatyangghat	Solu Khola	Kinja Khola – Kinja Majar	Dudhkoshi River Motorable Bridge, Diple	BasaiKhola Motor Bridge	Balawa River Bridge	Dudhmati River Bridge, Dhanusa	Jamani River Bridge	Jamuni River Bridge Paureshwor Deuri				
	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	2	3	2	3	3	3	3	3	3	27	-----	-----	-----
a	Drilling 0 to 20 m in clayey,sandy soils,& gravel mixed soils (Type_1)	RM	0	0	0	0	0	60	60	60	60	60	300			
b	Drilling 0 to 16 m in gravel,pebbles,cobbles & boulders, soft and hard rock (Type_2)	RM	32	32	48	32	48	0	0	0	0	0	192			
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)
			Nawalapur Motorable Bridge	Sisakhola Chatyangghat	Solu Khola	Kinja Khola – Kinja Majar	Dudhkoshi River Motorable Bridge, Dhanusa	BasaiKhola Motor Bridge	Balawa River Bridge	Dudhmati River Bridge, Dhanusa	Jamani River Bridge	Jamuni River Bridge Paureshwor Deuri				
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: