

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



BILL OF QUANTITIES

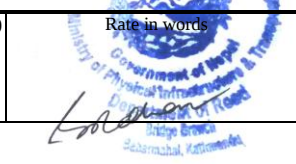
Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Study and Detailed Design of the bridge(s):

S. N.	Name of Bridge	Name of Road	District
1	Puwakhola Bridge	Illam mun 5 – Sangrumba	Illam
2	Bridge Construction, Harkate Phajiganoo	0	Illam
3	Lakhuwa Khola Bridge	Mulghat Lumbughat Majhitar Road	Panchthar
4	Hewa Khola Bridge	Mulghat Lumbughat Majhitar Road	Panchthar
5	Sanwa Khola Bridge	Mulghat Lumbughat Majhitar Road	Panchthar/Dhankuta
6	Iwakhola Bridge	Tharpu – Sinaam – Khandembe Bajar – Tellok – Mamankhe – Yamphudin – Kanchanajunga Basecamp	Taplejung
7	Thiwa Khola Bridge	Taplejung Olangchung Gola Road (North – South Road)	Taplejung
8	Tamor Handrung Phungaling Motor Bridge	Debhan – Saanthaakra – Lingtep–Nalbu – Papung Road	Taplejung
9	Altai Holi Bridge	0	Morang
10	Katnu Khola Bridge	Madan Marg Jhurkiya–Urlawari	Morang

Contract No. BB-159-DSD-072/73-03

SN	Particulars	Unit	Quantity										Total quantity	Rate (excl. VAT)	Rate in words	Amount (excl. VAT)
			Puwakhola Bridge	Bridge Construction, Harkate Phajiganoo to Sangrumba	Lakhuwa Khola Bridge	Hewa Khola Bridge	Sanwa Khola Bridge	Iwakhola Bridge	Thiwa Khola Bridge	Tamor Handrung Phungaling Motor Bridge	Altai Holi Bridge	Katnu 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	3	2	3	3	2	3	2	3	26	-----	-----	-----
a	Drilling 0 to 20 m in clayey,sandy soils,& gravel mixed soils (Type_1)	RM	0	0	0	0	0	0	0	0	40	0	40			
b	Drilling 0 to 16 m in gravel,pebbles,cobbles & boulders, soft and hard rock (Type_2)	RM	32	48	48	32	48	48	32	48	0	32	368			
	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)
			Puwakhola Bridge	Bridge Construction, Harkate Phajiganoo to G... Khola	Lakhuwa Khola Bridge	Hewa Khola Bridge	Sanwa Khola Bridge	Iwakhola Bridge	Thiwa Khola Bridge	Tamor Handrung Phungaling Motor Bridge	Altai Holi Bridge	Katnu 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: