

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



BILL OF QUANTITIES

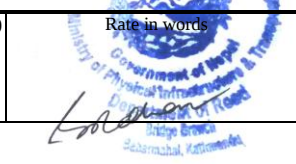
Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Study and Detailed Design of the bridge(s):

S. N.	Name of Bridge	Name of Road	District
1	Ghatte Khola Bridge, (Thanchowk)	0	Manang
2	Samjo Khola Bridge	0	Manang
3	Ghatte Khola Bridge, (Thanchowk)	0	Manang
4	Marthi River Bridge	Panchehara Uchadihawa Road, VDC Jahadi 1 Naagai	Kapilbastu
5	Kanchip River Bridge	Lalpur VDC	Kapilbastu
6	Kerungekhola Bridge	Danda-Manauli-Gudbhari Road	Nawalparasi
7	Bridge	Bridge at Amarapuri-Beldiya, Gaida Kot 16	Nawalparasi
8	Jharahi Khola Bridge	Rajahar VDC Bahrakol Road	Nawalparasi
9	Danda Khola Bridge	Chisapani Kumarbarti 2	Nawalparasi
10	Budhi Gandaki Bridge	Bhujahawa 6 Bhatawaliya	Nawalparasi

Contract No. BB-159-DSD-072/73-21

SN	Particulars	Unit	Quantity										Total quantity	Rate (excl. VAT)	Rate in words	Amount (excl. VAT)
			Ghatte Khola Bridge, (Thanchowk)	Samjo Khola Bridge	Ghatte Khola Bridge, (Thanchowk)	Marthi River Bridge	Kanchip River Bridge	Kerungekhola Bridge	Bridge	Jharahi Khola Bridge	Danda Khola Bridge	Budhi Gandaki 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	2	2	3	2	3	2	2	3	3	24	-----	-----	-----
a	Drilling 0 to 20 m in clayey,sandy soils,& gravel mixed soils (Type_1)	RM	0	0	0	60	0	60	0	40	60	0	220			
b	Drilling 0 to 16 m in gravel,pebbles,cobbles & boulders, soft and hard rock (Type_2)	RM	32	32	32	0	32	0	32	0	0	32	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)	
			Ghatte Khola Bridge, (Thanchowk)	Samjo Khola Bridge	Ghatte Khola Bridge, (Thanchowk)	Marthi River Bridge	Kanchip River Bridge	Kerungekhola Bridge	Bridge	Jharahi Khola Bridge	Danda Khola Bridge	Budhi Gandaki 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: