

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

BILL OF QUANTITIES

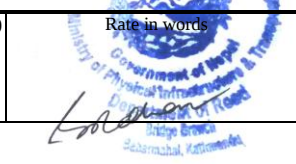


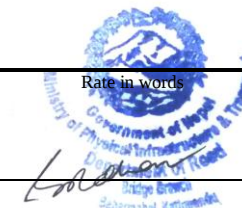
Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Study and Detailed Design of the bridge(s):

S. N.	Name of Bridge	Name of Road	District
1	Sisahaniya Kalakhola Bridge	0	Dang
2	Sisahaniya Rapti River Bridge	0	Dang
3	Dangal khola Pakki Bridge	Dakhawadi Bhingi Swargadwari Road	Pyuthan
4	Arang khola Bridge	Markawang Udaypurkot	Pyuthan
5	Rapti Nadi Bridge	Jhiliwang Lamatal	Pyuthan
6	Mandavi R.C. Bridge	Syaulighari Phoolghat	Pyuthan
7	Chhape khola Pakki Bridge	Chunjathanti Barbot	Pyuthan
8	Bijayanagar - Bijuwar Jumri khola Phedi	0	Pyuthan
9	Lung khola Bridge, Khawang Mulghat	0	Pyuthan
10	Jari Khola R.C. Bridge	Bhingri 2 Hulak & Bhingri 3 Habhi	Pyuthan

													Contract No.	BB-159-DSD-072/73-28		
SN	Particulars	Unit	Quantity										Total quantity	Rate (excl. VAT)	Rate in words	Amount (excl. VAT)
			Sisahaniya Kalakhola Bridge	Sisahaniya Rapti River Bridge	Dangal khola Pakki Bridge	Arang khola Bridge	Rapti Nadi Bridge	Mandavi R.C. Bridge	Chhape khola Pakki Bridge	Bijayanagar - Bijuwar Jumri khola Phedi Green Road	Lung khola Bridge, Khawang Mulghat	Jari Khola R.C. 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		3	3	2	3	2	2	3	2	2	3	25	-----	-----	-----
a	Drilling 0 to 20 m in clayey,sandy soils,& gravel mixed soils (Type_1)	RM	60	60	0	0	0	0	0	0	0	0	120			
b	Drilling 0 to 16 m in gravel,pebbles,cobbles & boulders, soft and hard rock (Type_2)	RM	0	0	32	48	32	32	48	32	32	48	304			
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)	
			Sisahaniya Kalakhola Bridge	Sisahaniya Rapti River Bridge	Dangal khola Pakki Bridge	Arang khola Bridge	Rapti Nadi Bridge	Mandavi R.C. Bridge	Chhape khola Pakki Bridge	Bijayanagar - Bijjuwar Jumri khola Phedi Green Road	Lung khola Bridge, Khawang Mulghat	Jari Khola R.C. 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: