

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



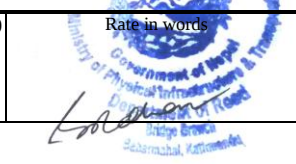
BILL OF QUANTITIES

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	Sole-Bhimali-Hakubesi Motor Bridge	Laukil-Sasryoo-Yarsa Road	Rasuwa
2	Dabi Khola Bridge	Khadichaur Tekanapur Sunakoshi Road	Sindhupalchowk
3	Indrawati River Bridge	Bahune Pati	Sindhupalchowk
4	Dudhauri Khola Motor Bridge	Chhatapipara-Nitanpur-Baluwa-Harpur-Inakhasira-Banajariya - Kalaiya Road	Bara
5	Jamudi River Bridge	Narahi Chauk-Tetariya-Kakadi Road	Bara
6	Shakti Khola Bridge	Nijgadh mun Ringroad	Bara
7	Yamuni River Bridge,	Between Ramanag Baladhusuwa	Bara
8	Yamuni Khola Bridge Construction	VDC Kudawa ward No.9 Balpyusawa & Ramanagar	Bara
9	Pasaha Bridge Construction	Simara - Kolhavi Road	Bara
10	Thalahi River Bridge	Pipara Birta - Dharmapur	Bara

													Contract No.		BB-159-DSD-072/73-14		
SN	Particulars	Unit	Quantity										Total quantity	Rate (excl. VAT)	Rate in words	Amount (excl. VAT)	
			Sole-Bhimali-Hakubesi Motor Bridge	Dabi Khola Bridge	Indrawati River Bridge	Dudhauri Khola Motor Bridge	Jamudi River Bridge	Shakti Khola Bridge	Yamuni River Bridge,	Yamuni Khola Bridge Construction	Pasaha Bridge Construction	Thalahi River 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	3	2	3	3	3	2	3	27	-----	-----	-----	
a	Drilling 0 to 20 m in clayey,sandy soils,& gravel mixed soils (Type_1)	RM	0	0	0	60	40	60	60	60	40	60	380				
b	Drilling 0 to 16 m in gravel,pebbles,cobbles & boulders, soft and hard rock (Type_2)	RM	32	48	48	0	0	0	0	0	0	0	128				
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)
			Sole-Bhimali-Hakubesi Motor Bridge	Dabi Khola Bridge	Indrawati River Bridge	Dudhauri Khola Motor Bridge	Jamudi River Bridge	Shakti Khola Bridge	Yamuni River Bridge	Yamuni Khola Bridge Construction	Pasaha Bridge Construction	Thalahi River 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: