

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

BILL OF QUANTITIES



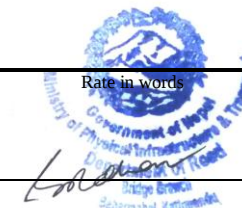
Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Study and Detailed Design of the bridge(s):

S. N.	Name of Bridge	Name of Road	District
1	Piple Dhimile Khola Bridge	0	Chitwan
2	Rapti Khola Bridge	Churiyamai (Raatmate)–Hetauda 6 Gauritar Road	Makawanpur
3	Rapti Khola Bridge	Basahamadi 2 – Hadi Khola 5	Makawanpur
4	Kukhareni Khola Bridge	Kshetra No. 9 & 14	Makawanpur
5	Hattisude, Bridge Construction	Lojar Khola Motor Bridge	Makawanpur
6	Chuchche Kholabarute Bridge , Karrakhola	0	Makawanpur
7	Losekhola Baraule Dovan Bridge	He.Na.Pa. 24 & 25	Makawanpur
8	Bagmate Khola Bridge	Dhuwakot Besimanthali – Lalitpur Aasarang	Makawanpur
9	Karra Khola Bridge	Chachchu Khet – Barute, Hetauda mun 6 & 20	Makawanpur
10	Daraudi River Bridge	Taku Chanaute	Gorkha

													Contract No.	BB-159-DSD-072/73-18		
SN	Particulars	Unit	Quantity										Total quantity	Rate (excl. VAT)	Rate in words	Amount (excl. VAT)
			Piple Dhimile Khola Bridge	Rapti Khola Bridge	Rapti Khola Bridge	Kukhareni Khola Bridge	Hattisude, Bridge Construction	Chuchche Kholabarute Bridge , Karrakhola	Losekhola Baraule Dovan Bridge	Bagmate Khola Bridge	Karra Khola Bridge	Daraudi 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	2	3	2	2	25	-----	-----	-----
a	Drilling 0 to 20 m in clayey,sandy soils,& gravel mixed soils (Type_1)	RM	0	0	0	60	40	60	40	60	40	40	340			
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)
			Piple Dhimile Khola Bridge	Rapti Khola Bridge	Rapti Khola Bridge	Kukhareni Khola Bridge	Hattisude, Bridge Construction	Chuchche Kholabarute Bridge , Karrahkola	Losekhola Baraule Dovan Bridge	Bagmate Khola Bridge	Karra Khola Bridge	Daraudi 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: