

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	Jum Khola Motor Bridge	Khalanga-Marke-Kalimati Rampur-Kalche-Kapre Chaur Kohalpur Banke Sadak	Salyan
2	R.C. Bridge	Kharpunath-Chhipra	Humla
3	Hima River Bridge	Badaki 1 & 5 Jogiwada	Jumla
4	Haku VDC Haku, Sagu, Tila River R.C. B	0	Jumla
5	Kodbada-Lalu Rahagau Jho Bridge	Pili Pankha – Chhapre – Phoimahadev – Naagma Gau Motor Road	Kalikot
6	Gothikhola R.C. Bridge	Panchechaur-Nakharji-Sukadhik Krishi Road	Mugu
7	Kiran Khola Bridge,	Rajhena - Bedanaruwa	Banke
8	Banke Baijapur Moranga Khola R.C. Brid	0	Banke
9	Kiran Khola Rajhena Bedanapuruwa Jodn	0	Banke
10	Kachanapur Madhuvi Binauna Jodne Brid	0	Banke

Contract No. BB-159-DSD-072/73-31

SN	Particulars	Unit	Quantity										Total quantity	Rate (excl. VAT)	Rate in words	Amount (excl. VAT)
			Jum Khola Motor Bridge	R.C. Bridge	Hima River Bridge	Haku VDC Haku, Sagu, Tila River R.C. Bridge	Kodbada-Lalu Rahagau Jho Bridge	Gothikhola R.C. Bridge	Kiran Khola Bridge,	Banke Baijapur Moranga Khola R.C. Bridge	Kiran Khola Rajhena Bedanapuruwa Jodne R.C. Bridge	Kachanapur Madhuvi Binauna Jodne 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	2	2	2	2	2	21	-----	-----	-----
a	Drilling 0 to 20 m in clayey,sandy soils,& gravel mixed soils (Type_1)	RM	0	0	0	0	0	0	40	0	40	40	120			
b	Drilling 0 to 16 m in gravel,pebbles,cobbles & boulders, soft and hard rock (Type_2)	RM	32	32	32	48	32	32	0	32	0	0	240			
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)
			Jum Khola Motor Bridge	R.C. Bridge	Hima River Bridge	Haku VDC Haku, Sagu, Tila River R.C. Bridge	Kodbada–Lalu Rahagau Jho Bridge	Gothikhola R.C. Bridge	Kiran Khola Bridge,	Banke Baijapur Moranga Khola R.C. Bridge	Kiran Khola Rajhena Bedanapurawa Jodne R.C. Bridge	Kachanapur Madhuvi Binauna Jodne 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 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: