

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	Upallo Jhupri Chepe Khola Bridge,	Gorkha/Lamajung	Gorkha/Lamajung
2	Bridge	B.P. Road Pokhara 13 & 14	Kaski
3	Bijayapur Khola Bridge	Dahare	Kaski
4	Bridge	Laha Chowk 3 Dewangsingh Road Laha Chowk Kaski	Kaski
5	Bijayapur Khola Bridge	Dahare	Kaski
6	Suraudi Khola Bridge,	Ward No. 23 & Syangja District Taksar Khalanga Border	Kaski
7	Naya Bridge	BireThati Tikhe Dhunga Ulleri Road	Kaski
8	Bridge	Pambabirta Bhotumarg Beldhari Sundarbajar 3	Lamjung
9	Aandhi khola Bridge	Dahathum -9 and Sorek -7	Syangja
10	Andhi Khola Corridor	Putalikhet R.C. Bridge-Tallo Bhumreko R.C. Bridge	Syangja

Contract No. BB-159-DSD-072/73-19

SN	Particulars	Unit	Quantity										Total quantity	Rate (excl. VAT)	Rate in words	Amount (excl. VAT)
			Upallo Jhupri Chepe Khola Bridge,	Bridge	Bijayapur Khola Bridge	Bridge	Bijayapur Khola Bridge	Suraudi Khola Bridge,	Naya Bridge	Bridge	Aandhi khola Bridge	Andhi Khola Corridor				
	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	2	2	3	3	2	2	2	3	24	-----	-----	-----
a	Drilling 0 to 20 m in clayey,sandy soils,& gravel mixed soils (Type_1)	RM	0	0	0	0	0	60	0	0	0	0	60			
b	Drilling 0 to 16 m in gravel,pebbles,cobbles & boulders, soft and hard rock (Type_2)	RM	32	48	32	32	48	0	32	32	32	32	320			
	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)
			Upallo Jhupri Chepe Khola Bridge,	Bridge	Bijayapur Khola Bridge	Bridge	Bijayapur Khola Bridge	Suraudi Khola Bridge,	Naya Bridge	Bridge	Aandhi khola Bridge	Andhi Khola Corridor				
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: