

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



BILL OF QUANTITIES

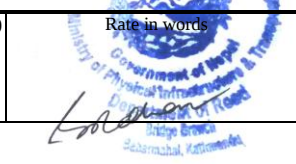
Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Study and Detailed Design of the bridge(s):

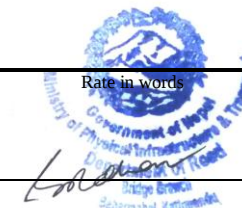
S. N.	Name of Bridge	Name of Road	District
1	Arun River Bridge	Naagi Ramailo Chowk–Sharada P.S.–Chakhewa–Wadatang Road	Bhojpur
2	Pikhuwa Khola Dovan R.C. Bridge Const		Bhojpur
3	Baguwa Khola Bridge, Jhyamtebagh	Mulghat Lumbughat Majhitar Road	Dhankuta
4	Lamphuwa Khola Bridge	Mulghat Lumbughat Majhitar Road	Dhankuta
5	Maya Khola Bridge	Mamling VDC 1 - Madi mun 8	Sankhuwashabha
6	Bhaluwahi Bridge	Bisahariya 1 Damabti	Saptari
7	Bridge	Mahuwa Mohanpur Ghordaha Kshetra No. 4	Saptari
8	Jita Bridge, Mahadev 6	Mansapur–Mahadewa –Kanchanapur Road	Saptari
9	Jita Bridge , Koiladi 4	Koyaladi Barshai – Hanuman Nagar Road	Saptari
10	Ketaniya Khola Bridge	Gadha–Maheshapur–Patari Road	Siraha

Contract No. BB-159-DSD-072/73-05

SN	Particulars	Unit	Quantity										Total quantity	Rate (excl. VAT)	Rate in words	Amount (excl. VAT)
			Arun River Bridge	Pikhuwa Khola Dovan R.C. Bridge Construction	Baguwa Khola Bridge, Jhyamtebagh	Lamphuwa Khola Bridge	Maya Khola Bridge	Bhaluwahi Bridge	Bridge	Jita Bridge, Mahadev 6	Jita Bridge , Koiladi 4	Ketaniya Khola 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	2	2	2	2	3	3	3	3	3	26	-----	-----	-----
a	Drilling 0 to 20 m in clayey,sandy soils,& gravel mixed soils (Type_1)	RM	0	0	0	0	0	60	60	60	60	60	300			
b	Drilling 0 to 16 m in gravel,pebbles,cobbles & boulders, soft and hard rock (Type_2)	RM	48	32	32	32	32	0	0	0	0	0	176			
	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)
			Arun River Bridge	Pikhuwa Khola Dovan R.C. Bridge Construction	Baguwa Khola Bridge, Jhyamtebagh	Lamphuwa Khola Bridge	Maya Khola Bridge	Bhaluwahi Bridge	Bridge	Jita Bridge, Mahadev 6	Jita Bridge , Koiladi 4	Ketaniya Khola 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: