

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	Jamune River Bridge	Jatahi Janakapur Road	Mahottari
2	Jallad River Bridge	Jatahi Janakapur Road	Mahottari
3	Dudhamati River Bridge	Jatahi Janakapur Road	Mahottari
4	Bridge over Suni Khola	Belgachhi VDC Ward N0 2 & 7	Mahottari
5	Motor Bridge	Jaleshwar mun, Sajha Sanstha – Chaari Simardahi Bhirapur – Phulagambha, Ghaaghar Road	Mahottari
6	Bighe River Bridge	Sukhainiya, Jagatiya & Bagada VDC, Mahadaiya Tapanapur	Mahottari
7	Maraha Khola Bridge,	Belagachhi VDC Ward No. 9 – Lakshminiya VDC Ward No. 3	Mahottari
8	Budho Kholsi Bridge	Khayaramara Bajar – Chhadke Road, Khayarmara VDC Ward No. 6 & 4	Mahottari
9	Bhapsi Khola Bridge	East of Hattilet VDC Ward No. 5 Khajuriya Tol	Mahottari
10	Maraha Khola Bridge,	Bardibas mun Ward No. 12 – Khayaramara VDC Ward No. 7	Mahottari

Contract No. BB-159-DSD-072/73-09

SN	Particulars	Unit	Quantity										Total quantity	Rate (excl. VAT)	Rate in words	Amount (excl. VAT)
			Jamune River Bridge	Jallad River Bridge	Dudhamati River Bridge	Bridge over Suni Khola	Motor Bridge	Bighe River Bridge	Maraha Khola Bridge,	Budho Kholsi Bridge	Bhapsi Khola Bridge	Maraha 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	4	3	3	2	3	3	3	3	3	30	-----	-----	-----
a	Drilling 0 to 20 m in clayey,sandy soils,& gravel mixed soils (Type_1)	RM	60	0	60	0	0	60	0	60	0	0	240			
b	Drilling 0 to 16 m in gravel,pebbles,cobbles & boulders, soft and hard rock (Type_2)	RM	0	64	0	48	32	0	48	0	48	48	288			
	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)	
			Jamune River Bridge	Jallad River Bridge	Dudhamati River Bridge	Bridge over Suni Khola	Motor Bridge	Bighe River Bridge	Maraha Khola Bridge,	Budho Kholsi Bridge	Bhapsi Khola Bridge	Maraha 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: