

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	Jamuni River Bridge	Jhitkoshiya	Dhanusa
2	Culvert Road	Kapleshwor Postal Road – Dakshin Budhiya Maithan	Dhanusa
3	Dudhamati Bridge	Ghodhghas Ward No. 4 – East of Halakhori Pokhari – Ward No. 5 – Bajaba Tol – Bisanapur – Majhi	Dhanusa
4	Jallad River Bridge, Dhanusa	Depura Koharwa Road – Rupain Panchagathi Road	Dhanusa
5	Baluwaha River R.C. Bridge	Nagarain – Lagma Purbari Tol Road	Dhanusa
6	Jallad River Bridge	Kataiya – Bahuarwa Road	Dhanusa
7	Kataha River Bridge	Kataiya – Bahuarwa Road	Dhanusa
8	Kanthi Khola Bridge,	Udayapur Ghurmi	Dhanusa
9	Dudhmati River Bridge	Sinurjoda – Dohar Road	Dhanusa
10	Rato Khola Bridge	Damhi Road	Mahottari

														Contract No.		BB-159-DSD-072/73-08		
SN	Particulars	Unit	Quantity										Total quantity	Rate (excl. VAT)	Rate in words	Amount (excl. VAT)		
			Jamuni River Bridge	Culvert Road	Dudhamati Bridge	Jallad River Bridge, Dhanusa	Baluwaha River R.C. Bridge	Jallad River Bridge	Kataha River Bridge	Kanthi Khola Bridge,	Dudhmati River Bridge	Rato 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	3	2	3	2	2	2	3	24	-----	-----	-----		
a	Drilling 0 to 20 m in clayey,sandy soils,& gravel mixed soils (Type_1)	RM	60	40	40	60	40	60	40	40	40	40	460					
b	Drilling 0 to 16 m in gravel,pebbles,cobbles & boulders, soft and hard rock (Type_2)	RM	0	0	0	0	0	0	0	0	0	0	0					
	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)
			Jamuni River Bridge	Culvert Road	Dudhamati Bridge	Jallad River Bridge, Dhanusa	Baluwaha River R.C. Bridge	Jallad River Bridge	Kataha River Bridge	Kanthi Khola Bridge,	Dudhmata River Bridge	Rato 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: