

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

BILL OF QUANTITIES



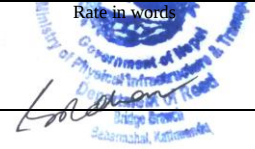
Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Study and Detailed Design of the bridge(s):

S. N.	Name of Bridge	Name of Road	District
1	Maresh Khola Bridge,	Syauli Bajar Naubise 2 – Jiwanpur 9	Dhading
2	Bridge	Satyadevi Gampu Nubhakot	Dhading
3	Maresh Khola Bridge (Gogan bridge)	Bhumesthan-6 & Goganpani 6	Dhading
4	Bishnumati Khola Bridge	Tokha Saraswati VDC Ward No. 2 recently mun Ward No. 5	Kathmandu
5	Dhobikhola Bridge	Sukedhara Narayan Chowk	Kathmandu
6	Dhobikhola Bridge	In front of Kapan Akashedhara Bhadra Petrol Pump	Kathmandu
7	Dhobikhola Bridge	Jyotinagar Kapan	Kathmandu
8	Dhobikhola Bridge	Kapan Bima Samiti	Kathmandu
9	Kankeshwari Motor Bridge	Sitapaila 1– Baphal Ganeshmandir – Mahadol Manamati Road	Kathmandu
10	Bagmati Bridge	Lokatantrik Shahidmarg	Kathmandu

													Contract No.		BB-159-DSD-072/73-12	
SN	Particulars	Unit	Quantity										Total quantity	Rate (excl. VAT)	Rate in words	Amount (excl. VAT)
			Maresh Khola Bridge,	Bridge	Maresh Khola Bridge (Gogan bridge)	Bishnumati Khola Bridge	Dhobikhola Bridge	Dhobikhola Bridge	Dhobikhola Bridge	Dhobikhola Bridge	Kankeshwari Motor Bridge	Bagmati 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	3	22	-----	-----	-----
a	Drilling 0 to 20 m in clayey,sandy soils,& gravel mixed soils (Type_1)	RM	0	0	0	60	40	40	40	40	40	40	300			
b	Drilling 0 to 16 m in gravel,pebbles,cobbles & boulders, soft and hard rock (Type_2)	RM	32	32	32	0	0	0	0	0	0	0	96			
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)	
			Mahesh Khola Bridge,	Bridge	Mahesh Khola Bridge (Gogan bridge)	Bishnumati Khola Bridge	Dhobikhola Bridge	Dhobikhola Bridge	Dhobikhola Bridge	Dhobikhola Bridge	Kankeshwari Motor Bridge	Bagmati 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: