

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

BILL OF QUANTITIES



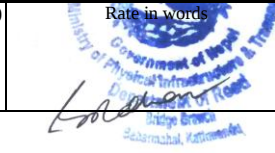
Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Study and Detailed Design of the bridge(s):

S. N.	Name of Bridge	Name of Road	District
1	Ayodhyapuri ko Tamata Bazar bat Ganesh	0	Chitwan
2	Riu Khola River R.C. Bridge	Ratauni, Bagauda – Botesimara Road	Chitwan
3	Ratani Khola	Inarawaruwa Palpali Tol, Baghauda – Pakistani Tol	Chitwan
4	Pampakhola Motor Bridge	Khairani 4 Magani – Amilipani–Rasauli Road	Chitwan
5	Surtani Bridge	Pampa Kholama, Khairahani–2,3	Chitwan
6	Gowaighat Bridge	Kumaroj–3 – Sawani, Dhungrakhola	Chitwan
7	Dhungrekhol Bridge	Kathar–3	Chitwan
8	Jhawanighat Bridge	Kumaroj – Bachhauri	Chitwan
9	RimalKhola Bridge	Along Savik Kalyanapur VDC	Chitwan
10	Tunamuna Khola Bridge	Along Savik Ayodhyapuri VDC	Chitwan

Contract No. BB-159-DSD-072/73-17

SN	Particulars	Unit	Quantity										Total quantity	Rate (excl. VAT)	Rate in words	Amount (excl. VAT)
			Ayodhyapuri ko Tamata Bazar bat Ganeshkunj	Riu Khola River R.C. Bridge	Ratani Khola	Pampakhola Motor Bridge	Surtani Bridge	Gowaighat Bridge	Dhungrekhol Bridge	Jhawanighat Bridge	RimalKhola Bridge	Tunamuna 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		2	3	3	3	2	3	3	3	2	3	27	-----	-----	-----
a	Drilling 0 to 20 m in clayey,sandy soils,& gravel mixed soils (Type_1)	RM	40	60	60	60	0	60	60	60	0	60	460			
b	Drilling 0 to 16 m in gravel,pebbles,cobbles & boulders, soft and hard rock (Type_2)	RM	0	0	0	0	32	0	0	0	32	0	64			
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)
			Ayodhyapuri ko Tamata Bazar bat Ganeshkunj Bridge	Riu Khola River R.C. Bridge	Ratani Khola	Pampakhola Motor Bridge	Surtani Bridge	Gowaighat Bridge	Dhungrekhola Bridge	Jhawanighat Bridge	RimalKhola Bridge	Tunamuna 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: