

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):

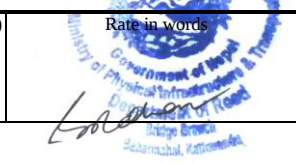
S. N.	Name of Bridge	Name of Road	District
1	Gwar Khola Bridge	Lamahi Tulsipur Road	Dang
2	Sewar Khola Bridge	Lamahi Tulsipur Road	Dang
3	Bridge	Satabariya 2 Banadhuli – Bela 5 Road	Dang
4	Katuwa Khola Bridge	Ghorahi 6 Mahina – Syuja	Dang
5	Bridge between Arnawa Mod to Chaulahi		Dang
6	Hapur Khola Bridge, Ghorahi Hapur Eye		Dang
7	Hapur Khola Bridge, Duruwa VDC Kohar		Dang
8	Katuwa Khola Bridge, Ghorahi 6 Masina		Dang
9	Chamai Khola Bridge, Bijaura 6 Hadim		Dang
10	Baulaha Khola Bridge	Dhanauri VDC Korawang & Panchakule–Matheuli	Dang

Contract No. BB-159-DSD-072/73-27

SN	Particulars	Unit	Quantity										Total quantity	Rate (excl. VAT)	Rate in words	Amount (excl. VAT)
			Gwar Khola Bridge	Sewar Khola Bridge	Bridge	Katuwa Khola Bridge	Bridge between Arnawa Mod to Chaulahi, Khatuwa	Hapur Khola Bridge, Ghorahi Hapur Eye Hospital	Hapur Khola Bridge, Duruwa VDC Kohare	Katuwa Khola Bridge, Ghorahi 6 Masina to Ghorahi 4	Chamai Khola Bridge, Bijaura 6 Hadim - Bijaura 4	Baulaha 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	3	2	3	3	4	4	3	3	3	31	-----	-----	-----
a	Drilling 0 to 20 m in clayey,sandy soils,& gravel mixed soils (Type_1)	RM	60	0	0	60	60	0	0	60	60	0	300			
b	Drilling 0 to 16 m in gravel,pebbles,cobbles & boulders, soft and hard rock (Type_2)	RM	0	48	32	0	0	64	64	0	0	64	272			
	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)
			Gwar Khola Bridge	Sewar Khola Bridge	Bridge	Katuwa Khola Bridge	Bridge between Arnawa Mod to Chaulahi, Kailash	Hapur Khola Bridge, Ghorahi Hapur Eye Hospital, Nepal	Hapur Khola Bridge, Duruwa VDC Kohare, Nepal	Katuwa Khola Bridge, Ghorahi 6 Masina to Ghorahi 6 Masina	Chamai Khola Bridge, Bijaura 6 Hadim - Bijaura 4	Baulaha 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: