

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	Pangre Khola Bridge	Gaidakot mun 3	Nawalparasi
2	Danav River Bridge	Dayanagar VDC Ward No. 7 Downhill	Rupandehi
3	Bargadahighat Bridge	Dewan Baksapur Majhegawa VDC, Rupandehi	Rupandehi
4	Bridge on Sainamaina mun. Ward No. 9 B	0	Rupandehi
5	Kewasi Road Bridge	0	Rupandehi
6	Ghamaha River Bridge, Sainamain mun.,	0	Rupandehi
7	Siyari Khola Bridge	Ghamaskhote Kaitholijaye Road	Rupandehi
8	Siyari Khola Bridge	Jangathabodh Vihar to Sisani Pannagar	Rupandehi
9	Ghodaha Khola Bridge	Devdaha Mayadevi Park	Rupandehi
10	Ilguriyanari Bridge	Rajapur Lodhpani Shantipur Palpa Road	Rupandehi

													Contract No.		BB-159-DSD-072/73-22	
SN	Particulars	Unit	Quantity										Total quantity	Rate (excl. VAT)	Rate in words	Amount (excl. VAT)
			Pangre Khola Bridge	Danav River Bridge	Bargadahighat Bridge	Bridge on Sainamaina mun. Ward No. 9 Bairakatti to	Kewasi Road Bridge	Ghamaha River Bridge, Sainamain mun., Baksad	Siyari Khola Bridge	Siyari Khola Bridge	Ghodaha Khola Bridge	Ilguriyanari 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	2	3	3	3	3	2	3	2	26	-----	-----	-----
a	Drilling 0 to 20 m in clayey,sandy soils,& gravel mixed soils (Type_1)	RM	40	60	40	60	60	60	60	40	60	60	540			
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)
			Pangre Khola Bridge	Danav River Bridge	Bargadahighat Bridge	Bridge on Sainamaina mun. Ward No. 9 Bairakatti to	Kewasi Road Bridge	Ghamaha River Bridge, Sainamain mun., Baksad	Siyari Khola Bridge	Siyari Khola Bridge	Ghodaha Khola Bridge	Ilguriyanari 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: