

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	Andhabara Khola Bridge	Between Chandranagar & Mokailawako	Sarlahi
2	Kamala River Bridge	0	Sindhuli
3	Tawa Khola R.C.	Dudhauri mun 5 Koda Bajar – Katari mun 56 Khoksa	Sindhuli/Udayapur
4	Salletar Khola Bridge	Daduwa Ward No. 7 & 8	Ramechhap
5	Sunkoshi Bridge	Ninglabas–Patle–Doramba Road	Ramechhap
6	Mahire Khola Bridge	Kalinchowk VDC Kyampal - Khopachagu VDC Chamachagu	Dolakha
7	Charnawati Bridge	Bhimeshwar mun Ward No. 8 Gaighat - Katakuti VDC	Dolakha
8	Ghyankhola Ghyansukathokar R.C. Bridge	Bhirakot–Shahare Khawa–Jiri Road	Dolakha
9	Trishuli Motor Bridge	Palpa – Sandhbanjyang – Maidi – Majhuwa – Pipaltar Road	Dhading
10	Trishuli River Motor Bridge	Dhadingabesi Sunaulabajar Phosretar Road	Dhading

Contract No. BB-159-DSD-072/73-11

SN	Particulars	Unit	Quantity										Total quantity	Rate (excl. VAT)	Rate in words	Amount (excl. VAT)
			Andhabara Khola Bridge	Kamala River Bridge	Tawa Khola R.C.	Salletar Khola Bridge	Sunkoshi Bridge	Mahire Khola Bridge	Charnawati Bridge	Ghyankhola Ghyansukathok ar R.C. Bridge	Trishuli Motor Bridge	Trishuli River Motor 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	3	2	3	2	2	2	3	3	26	-----	-----	-----
a	Drilling 0 to 20 m in clayey,sandy soils,& gravel mixed soils (Type_1)	RM	60	0	0	0	0	40	40	0	0	40	180			
b	Drilling 0 to 16 m in gravel,pebbles,cobbles & boulders, soft and hard rock (Type_2)	RM	0	48	48	32	48	0	0	32	48	0	256			
	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)
			Andhabara Khola Bridge	Kamala River Bridge	Tawa Khola R.C.	Salletar Khola Bridge	Sunkoshi Bridge	Mahire Khola Bridge	Charnawati Bridge	Ghyankhola Ghyansukathok ar R.C. Bridge	Trishuli Motor Bridge	Trishuli River Motor 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: