

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	Rank Taplakhola Motorable Bridge Const	0	Rolpa
2	Pang Khola Motorable Bridge	0	Rolpa
3	Pachhawang Khola Bridge	Holeri-Ghartigau-Iriwang Bagamara-Rukum-Bagamara, Iriwang VDC, Rolpa/Rukum	Rolpa
4	Lungri R.C. Bridge	Mijing 7 & 9	Rolpa
5	Sani Bheri River Garaghat Bridge	Between Syalapakha VDC & Jhula VDC	Rukum
6	Babai River (Mada) Bridge	Gulariya – Nepalaganj Road	Rukum
7	Jhupra Khola Kalimati	Jajarkot Dunai Road	Rukum
8	Sanu Bheri River Bridge	Taksera	Rukum
9	Mas Khola Motor Bridge	Laxmipur- Kalimati- Rampur Road	Salyan
10	Rikhe Bazzar Sarda Nadi Motor Bridge	Kabra -Rikhe Bazzar-Karagithi-Khairawang Road	Salyan

														Contract No.	BB-159-DSD-072/73-30		
SN	Particulars	Unit	Quantity										Total quantity	Rate (excl. VAT)	Rate in words	Amount (excl. VAT)	
			Rank Taplakhola Motorable Bridge	Pang Khola Motorable Bridge	Pachhawang Khola Bridge	Lungri R.C. Bridge	Sani Bheri River Garaghat Bridge	Babai River (Mada) Bridge	Jhupra Khola Kalimati	Sanu Bheri River Bridge	Mas Khola Motor Bridge	Rikhe Bazzar Sarda Nadi 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	3	4	4	3	4	3	2	32	-----	-----		
a	Drilling 0 to 20 m in clayey,sandy soils,& gravel mixed soils (Type_1)	RM	0	0	0	0	0	0	0	0	0	0	0				
b	Drilling 0 to 16 m in gravel,pebbles,cobbles & boulders, soft and hard rock (Type_2)	RM	48	48	48	48	32	32	48	32	48	48	432				
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)
			Rank Taplakhola Motorable Bridge	Pang Khola Motorable Bridge	Pachhawang Khola Bridge	Lungri R.C. Bridge	Sani Bheri River Garaghat Bridge	Babai River (Mada) Bridge	Jhupra Khola Kalimati	Sanu Bheri River Bridge	Mas Khola Motor Bridge	Rikhe Bazzar Sarda Nadi 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: