

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



BILL OF QUANTITIES

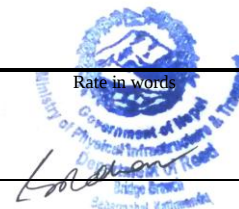
Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Study and Detailed Design of the bridge(s):

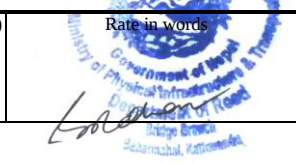
S. N.	Name of Bridge	Name of Road	District
1	Mariya Bakrah Khola R.C. Bridge	Rajat Jayanti Maagai-Pakari-Amardaha	Morang
2	Shukrabare Kajar Purba Lohandra Khola R.C. Bridge		Morang
3	Andheri Khola Bridge	Dharan Mathillo Panawari Kerabari Road	Sunsari
4	Babhani Khola Bridge	Dhok 3	Sunsari
5	Singiya Bridge	Inarawa Duhawi Tetariya	Sunsari
6	Bakraha Khola Motor Bridge	itahari 7-Osochowk-Itahari 9-Khanar 5 Saradar Tol-Mul Nahar Road	Sunsari
7	Sarpu Khola Bridge	Prakashpur-Rajabas-Mahendranagar Bajar-KutiBridge-Singhiya-Bharaul Pi.Ndari Bakarauli 5 Icho	Sunsari
8	Amaha Bridge, Itahari 23	0	Sunsari
9	Shyam Khola R.C. Bridge	Dingala-Khartamchha-Kudak Kahule-Dobhane-Salpa Pokhari Road	Bhojpur
10	Dudhakoshi River Bridge	Bhojpur Taksar-Manebhanjyang-Baikunthe- Baasikhora-Yu-Pasalbhanjyang-Balankha Road	Bhojpur

Contract No. BB-159-DSD-072/73-04

SN	Particulars	Unit	Quantity										Total quantity	Rate (excl. VAT)	Rate in words	Amount (excl. VAT)
			Mariya Bakrah Khola R.C. Bridge	Shukrabare Kajar Purba Lohandra Khola R.C. Bridge	Andheri Khola Bridge	Babhani Khola Bridge	Singiya Bridge	Bakraha Khola Motor Bridge	Sarpu Khola Bridge	Amaha Bridge, Itahari 23	Shyam Khola R.C. Bridge	Dudhakoshi River 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	3	3	3	3	2	3	29	-----	-----	-----
a	Drilling 0 to 20 m in clayey,sandy soils,& gravel mixed soils (Type_1)	RM	60	60	0	60	60	60	60	60	0	60	480			
b	Drilling 0 to 16 m in gravel,pebbles,cobbles & boulders, soft and hard rock (Type_2)	RM	0	0	48	0	0	0	0	0	32	0	80			
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)
			Mariya Bakrah Khola R.C. Bridge	Shukrabare Kajar Purba Lohandra Khola R.C. Bridge	Andheri Khola Bridge	Babhani Khola Bridge	Singiya Bridge	Bakraha Khola Motor Bridge	Sarpu Khola Bridge	Amaha Bridge, Itahari 23	Shyam Khola R.C. Bridge	Dudhakoshi River 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: