

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



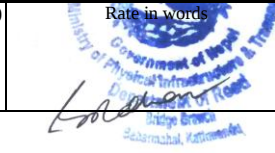
BILL OF QUANTITIES

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	Naurangiya River	Chaukiya Beriya Postal Road Link Bridge	Parsa
2	Dhonghi Khola Motor Bridge	Bindabaasini – Pipara – Nagardaaha – Gamhariya – Bahuwari – Bageshwaritatrauna – Ektanga – Tel	Parsa
3	Gagol River Bridge	Aauraha VDC	Parsa
4	Bhakuwa Bridge	Chirchiraiya	Rautahat
5	Bridge Construction	Katahariya, Jhanjh Khola, L. Anirudra Yadav	Rautahat
6	Jhajh River R.C. Bridge	Near Bagmati along Rautahat Pipara Bajara Sidhai Jodane Parsa Tol	Rautahat
7	Jhajh River Bridge	Rajapurtulsi-Chhatauna, Pacharukhi, Matsari 3	Rautahat
8	Bhediyahe Najik Kamadehe Riverma Brid	0	Rautahat
9	Dange Khola R.C. Bridge	Ma.mun 1 , Gardi – Shikaripur	Chitwan
10	Managui Khola Bridge	Gardi Ko Bairath bat Bagauda jodne sadak ma parne	Chitwan

													Contract No.	BB-159-DSD-072/73-16		
SN	Particulars	Unit	Quantity										Total quantity	Rate (excl. VAT)	Rate in words	Amount (excl. VAT)
			Naurangiya River	Dhonghi Khola Motor Bridge	Gagol River Bridge	Bhakuwa Bridge	Bridge Construction	Jhajh River R.C. Bridge	Jhajh River Bridge	Bhediyahe Najik Kamadehe Riverma	Dange Khola R.C. Bridge	Managui 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	2	3	3	2	3	3	3	3	2	27	-----	-----	-----
a	Drilling 0 to 20 m in clayey,sandy soils,& gravel mixed soils (Type_1)	RM	60	40	60	60	40	60	60	60	60	60	560			
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)	
			Naurangiya River	Dhonghi Khola Motor Bridge	Gagol River Bridge	Bhakuwa Bridge	Bridge Construction	Jhajh River R.C. Bridge	Jhajh River Bridge	Bhediyahe Najik Kamadehe Riverma Bridge	Dange Khola R.C. Bridge	Managui 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: