

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	Dudhiya River Bridge	Simranagaudh mun , Along Dewapur – Gangapur–Kotawali– Hariharapur	Bara
2	Hadahi River Bridge	Along Tharuhat Road	Parsa
3	Gai Khola Bridge -1	Nirmal Basti Ward No. 3	Parsa
4	Gai Khola Bridge -2	Nirmal Basti Ward No. 3	Parsa
5	Dorawa Khola Bridge, Parsa	Deurwana VDC	Parsa
6	Dedhu Khola Bridge Thori	0	Parsa
7	Oriya Khola Bridge	Between Mahadevpatti 2 & 3	Parsa
8	Siyasut River R.C. Bridge	Prasauni Birta Sabaivwa–Mabiyari–Belwa Milanchowk Road	Parsa
9	Supauli Uttar Smritikhola R.C. Bridge &	Bhishwa–Hariharapur–Janakitol Laxmipur – Jaganathpur – Supauli – Jitpur – Thori Road	Parsa
10	Tilawe Khola Bridge	Kuhadi Nagardaaha, Ajaypur Chaurasiya Bridge	Parsa

Contract No. BB-159-DSD-072/73-15

SN	Particulars	Unit	Quantity										Total quantity	Rate (excl. VAT)	Rate in words	Amount (excl. VAT)
			Dudhiya River Bridge	Hadahi River Bridge	Gai Khola Bridge -1	Gai Khola Bridge -2	Dorawa Khola Bridge, Parsa	Dedhu Khola Bridge Thori	Oriya Khola Bridge	Siyasut River R.C. Bridge	Supauli Uttar Smritikhola R.C. Bridge & Chandrawati R.C. Bridge	Tilawe 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		2	3	2	2	2	3	3	3	3	2	25	-----	-----	-----
a	Drilling 0 to 20 m in clayey,sandy soils,& gravel mixed soils (Type_1)	RM	40	60	40	40	40	60	60	60	60	60	520			
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)
			Dudhiya River Bridge	Hadahi River Bridge	Gai Khola Bridge -1	Gai Khola Bridge -2	Dorawa Khola Bridge, Parsa	Dedhu Khola Bridge Thori	Oriya Khola Bridge	Siyasut River R.C. Bridge	Supauli Uttar Smritikhola R.C. Bridge & Chandrawati River Bridge	Tilawe 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 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: