

**BoQ for restoration of Xorgoble River/stream-Qardho PL**

Item	Description of Work/Items	Unit	Quantity	Rate	Amount
<b>Bill no :1</b>	<u><i>Preliminaries &amp; General Items</i></u>				
1.1	Provision for contractor's mobilization, setting-up & demobilization, cleaning and disposal of construction debris	L.S.	1.0		
1.2	Provision for project sign boards as per provided details-size should not be less than 1.8mx1.2m	No.	1.0		
<b>Bill no :2</b>	<u><i>Earthworks and Gabion installation</i></u>				
2.1	Setting-out, survey works & horizontal and vertical alignment.	L.S.	1.0		
2.2	Removal of dry-river deposited clay top soil, not exceeding 1000mm depth, and dispose away spoils by spreading the soil to form river bank protection at both sides.	m <sup>2</sup>	20,094.2		
2.3	Excavation of cut-off trenches, 0.8m deep for gabion retention wall. Use gabion boxes size (1X1x1)m, reusing excavated material to backfill around completed gabion boxes, and disposing away surplus soil. The base width of the trench should be a minimum of 2m.	m <sup>3</sup>	160.0		
2.4	Supply & install protection retaining wall using gabion boxes of rubber-coated galvanized woven wire 2.5mm thick, box sizes should be 1mx1mx1m. filling with selected natural round stone should be graded no bigger than 150mm average size, sealing gabions with neat rectangular shape. The retaining wall base width is 2m. Gabion should not protrude no more than 0.3m above stream. Note on making gabions: Place the line of gabion baskets in the trench. Fill the middle basket to act as an anchor and tension the baskets with a rope before filling. place 12mm reinforcement bars at the end gabion.	m <sup>3</sup>	300.0		

<b>Total Cost</b>	
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