

Project Name: DREDGING AND IMPROVEMENT OF ACCESS TO CARDONA FERRY PORT
 Location: BRGY. PATUNHAY, CARDONA, RIZAL
 Length: 200 m
 Estimated Volume: 18,000 Cubic Meters

BILL OF QUANTITIES

	Name of Item	Unit	Quantity	Unit Cost	Total Cost
PRELIMINARY AND GENERAL					
Mobilization					
	1 % of Estimated Direct Cost	LS	1.00		
Demobilization					
	1 % of Estimated Direct Cost	LS	1.00		
Survey and ground profiles					
	Hydrographic Survey	Hectares	1.50		
	Cross Section Survey	Hectares	0.50		
	Boring at Offshore	Nos.	2.00		
Implementation and operation of traffic management plan					
	Installation of Project Billboard	Nos.	2.00		
	Installation of Warning Signs for Land and Water	Nos.	20.00		
Implementation and operation of health and safety plan					
	Provision of Personal Protective Equipment (PPE)	Nos.	100.00		
	First Aid Kit	Nos.	10.00		
	Sanitary Control Facility and its Operation and Maintenance Cost	Unit	1.00		
Progress photographs					
	Digital Camera	Nos.	2.00		
Provision of office and its operation and maintenance					
	Construction of Office	Sq.m.	35.00		
	Parking Area	Sq.m.	100.00		
	Materials, Equipment and Office Supplies	Month	3.00		
	Electricity Consumption/month	Month	3.00		
	Water Consumption/month	Month	3.00		
Site clean up					
	Site Clean Up	Month	3.00		
Dredging works					
	Dredging Using Crawler Backhoe 2.0 cu.m.	Cu.m.	18,000.00		
	Hauling By Barge - 20 KM Including Loading and Unloading	Cu.m.	18,000.00		
Testing of dredged materials					
Elutriate Test					
	Pre-treatment	Sample	2.00		
	Cd	Sample	2.00		
	Cr+6	Sample	2.00		
	T-Hg	Sample	2.00		
	CN	Sample	2.00		
	As	Sample	2.00		
	PCB	Sample	2.00		
TCLP Test					
	Pre-treatment	Sample	2.00		
	Cd	Sample	2.00		
	Cr+6	Sample	2.00		
	T-Hg	Sample	2.00		
	CN	Sample	2.00		
	As	Sample	2.00		
Disposal of dredge materials					
	Installation and Removal of Fence	L-m	300.00		
	Spreading in Stockpile or Spoil Site	Cu.m.	18,000.00		
	Sand Bag for Slope Stabilization	Cu.m.	800.00		
TOTAL PROJECT COST		Cu.m.	18,000.00		

PREPARED BY:


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