

Republic of the Philippines
DEPARTMENT OF AGRICULTURE
Regional Field Unit No. 5
San Agustin, Pili, Camarines Sur

Project Title: CONSTRUCTION OF HIBAGO DD
Project Location: HIBAGO, OCAMPO, CAMARINES SUR
Appropriation: P 8, 999, 881.86
Source of fund : Rice 2022
Subject: BILL OF QUANTITIES AND COST PROPOSAL

Classification: Irrigation Facility
Number of Unit: 1
Net Length:
Project Duration : 202 CD
Starting Date: upon receipt of NTP

Scope of Work:
-Repair & Improvement of Existing Dam Structure
-Construction of Two Thousand (2000) Linear Meter 0.50m x 0.50m Main Canal
-Construction of Three Hundred Fifteen (315) Linear Meter 0.40m x 0.40m Canal

MINIMUM EQUIPMENT REQUIREMENT			TECHNICAL PERSONNEL REQUIRED		
Description	No.	Description	Description	No.	Description
Service Truck	1	3-5 m ³	Foreman	1	
Water Pump	1	4" diameter	Asst. Foreman	1	
Welding Machine	1	300 Amp, Gas Driven			
Electric Bar Cutter	1	12" Diameter Disc			
Hand Tools	enough				

COST OF PROPOSED WORK						
Item	Description	Quantity	Unit	Unit Cost (PhP)	Total Amount (PhP)	
PART I	GENERAL REQUIREMENTS					
	B.9 MOBILIZATION/DEMOBILIZATION & TEMPORARY FACILITIES	1.00	ls.			
	B.7(2) PROVISION FOR CONSTRUCTION SAFETY & HEALTH	1.00	ls.			
	B.5 PROJECT BILLBOARD	1.00	ls.			
	B.4(8) PERMANENT CONCRETE MARKER	1.00	ls.			
					Sub-Total	
PART II	CIVIL WORKS					
	II.1 Diversion of Water & Care of Creek	1.00	ls.			
	II.2 Repair & Improvement of Dam					
	102(2) Common Excavation	16.50	cu.m			
	902(1)a Reinforcing Steel Bars	2,951.07	Kg			
	900(1)a1 Concrete Class "A" With Forms	32.00	cu.m			
	900(1)a2 Concrete Class "A" Without Forms	86.02	cu.m			
	506(1) Rubble Masonry	146.50	cu.m			
	SPL1 Collapsible Gate	1.00	Assy.			
					Sub-Total	
PART II.3	II.3 IRRIGATION CANAL (0.4x0.4) - 315 Lm.					
	102(2) Common Excavation	63.00	cu.m			
	515(3) Structural Backfill/backfilling	31.50	cu.m			
	200(1) Aggregate Sub-base Course	22.05	cu.m			
	902(1)a Reinforcing Steel Bars	1,669.00	Kg			
	900(2)b Concrete Class "B" With Forms	25.20	cu.m			
	900(2)a Concrete Class "B" Without Forms	22.05	cu.m			
					Sub-Total	
PART II.4	II.4 IRRIGATION CANAL (0.5x0.5) - 2000 Lm.					
	102(2) Common Excavation	500.00	cu.m			
	515(3) Structural Backfill/backfilling	250.00	cu.m			
	200(1) Aggregate Sub-base Course	160.00	cu.m			
	902(1)a Reinforcing Steel Bars	16,000.00	Kg			
	900(2)b Concrete Class "B" With Forms	206.67	cu.m			
	900(2)a Concrete Class "B" Without Forms	160.00	cu.m			
					Sub-Total	
PART II.5	II.5 DIVISION BOX - 2 set					
	102(2) Common Excavation	1.00	cu.m			
	515(3) Structural Backfill/backfilling	0.50	cu.m			
	200(1) Aggregate Sub-base Course	6.20	cu.m			
	902(1)a Reinforcing Steel Bars	12.00	Kg			
	900(2)b Concrete Class "B" With Forms	1.00	cu.m			
	SPL2 Wooden Flushboard	20.00	bd.ft.			
					Sub-Total	
PART II.6	II.6 TURNOUT STRUCTURE - 10 set					
	102(2) Common Excavation	2.50	cu.m			
	515(3) Structural Backfill/backfilling	1.25	cu.m			
	200(1) Aggregate Sub-base Course	0.50	cu.m			
	902(1)a Reinforcing Steel Bars	15.00	Kg			
	900(2)b Concrete Class "B" With Forms	2.50	cu.m			
					Sub-Total	
PART II.7	II.7 TRACTOR CROSSING - 10 set					
	102(2) Common Excavation	0.42	cu.m			
	515(3) Structural Backfill/backfilling	0.21	cu.m			
	200(1) Aggregate Sub-base Course	0.42	cu.m			
	902(1)a Reinforcing Steel Bars	100.80	Kg			
	900(2)b Concrete Class "B" With Forms	8.40	cu.m			
					Sub-Total	
					Total Project Cost	

Note: All taxes, contractor's profit and hauling cost are included in unit cost per item.

NAME AND SIGNATURE OF CLIENTS