

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

Project Title: CONSTRUCTION OF BAGONG ABRE CHECK-INTAKE STRUCTURE
Project Location: Bnyg, Bagong Abre, Lajazpi City, Albay
Appropriation: P 2,969,837.13
Source of fund: Rice 2022
Subject: BILL OF QUANTITIES AND COST PROPOSAL

Classification: Irrigation Facility
Number of Unit: 1
Net Length:
Project Duration: 104 CD
Starting Date: upon receipt of NTP

Scope of Work:
 -Construction of One (1) Unit Diversion Dam
 -Construction of Eight Hundred Ninety-nine (899) Linear Meter
 -Demolition & Restoration of Existing Dike

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

TECHNICAL PERSONNEL REQUIRED		
Description	No.	Description
Foreman	1	
Asst. Foreman	1	

COST OF PROPOSED WORK					
Item	Description	Quantity	Unit	Unit Cost (PhP)	Total Amount (PhP)
PART I	GENERAL REQUIRMENTS				
	B.3	MOBILIZATION/DEMobilIZATION & TEMPORARY	1.00	l.s.	
	B.7(2)	PROVISION FOR CONSTRUCTION SAFETY &	1.00	l.s.	
	B.5	PROJECT BILLBOARD	1.00	l.s.	
	B.4(6)	PERMANENT CONCRETE MARKER	1.00	l.s.	
					Sub-Total
PART II	CIVIL WORKS				
	II.1	Diversion of Water & Care of Creek	1.00	l.s.	
	II.2	Intake Structure			
	102(2)	Common Excavation	6.00	cu.m	
	515(3)	Structural Backfill/backfilling	2.70	cu.m	
	200(1)	Aggregate Sub-base Course	0.20	cu.m	
	902(1)a	Reinforcing Steel Bars	351.65	Kg	
	900(1)a1	Concrete Class "A" With Forms	1.02	cu.m	
	900(1)a2	Concrete Class "A" Without Forms	4.12	cu.m	
	506(1)	Rubble Masonry	1.00	cu.m	
	SPL3	Trashrack / Steel Cover	1.00	Assy.	
	500(1)	610mmØ RC Pipe Culvert	16.00	Assy.	
	SPL1	Fabrication & Installation of Collapsible Gate	1.00	Assy.	
PART II.3	II.3 Demolition and Restoration of Existing Dike				
	102(2)	Common Excavation	3.00	sq.m	
	101(6)	Demolition of Existing Dike	16.35	sq.m	
	506(1)	Rubble Masonry	4.91	cu.m	
	515(3)	Structural Backfill/backfilling	11.55	cu.m	
	900(1)a2	Concrete Class "A" Without Forms	1.23	cu.m	
902(1)a	Reinforcing Steel Bars	58.61	Kg		
					Sub-Total
PART II.4	II.4 Irrigation Canal (0.5x0.5) - 899 Lm.				
	102(2)	Common Excavation	899.00	l.m.	
	515(3)	Structural Backfill/backfilling	224.75	cu.m	
	200(1)	Aggregate Sub-base Course	112.38	cu.m	
	902(1)a	Reinforcing Steel Bars	7192.00	Kg	
	900(2)b	Concrete Class "B" With Forms	92.90	cu.m	
	900(2)a	Concrete Class "B" Without Forms	71.92	cu.m	
					Sub-Total
PART II.5	II.5 Division Box - 1 set				
	102(2)	Common Excavation	0.50	cu.m	
	515(3)	Structural Backfill/backfilling	0.25	cu.m	
	200(1)	Aggregate Sub-base Course	0.10	cu.m	
	902(1)a	Reinforcing Steel Bars	6.00	Kg	
	900(2)b	Concrete Class "B" With Forms	0.50	cu.m	
	SPL2	Wooden Flushboard	20.00	bd.ft.	
					Sub-Total
PART II.6	II.6 Tractor Crossing - 1 set				
	102(2)	Common Excavation	0.04	cu.m	
	515(3)	Structural Backfill/backfilling	0.02	cu.m	
	200(1)	Aggregate Sub-base Course	0.04	cu.m	
	902(1)a	Reinforcing Steel Bars	10.08	Kg	
	900(2)b	Concrete Class "B" With Forms	0.84	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 BIDDER