

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

Project Title: Construction of Canal Extension of Mambolo
Project Location: Brgy. Mambolo Viejo, Libmanan, Camarines Sur
Appropriation: ₱3,960,000.00
Source of fund : Rice 2022
Subject: BILL OF QUANTITIES AND COST PROPOSAL

Classification: Irrigation Facility
Number of Unit: 1
Net Length:
Project Duration : 115 C.D.
Starting Date: upon receipt of NTP

Scope of Work: -Delivery of Labor and Materials for the Construction of Concrete Canal Lining
-Construction of Canal Structure (Division Box, Tractor Crossing, etc.)

MINIMUM EQUIPMENT REQUIREMENT

Description	No.	Description
Dump Truck	1	3-5 m ³
Electric Bar Cutter	1	12" Diameter Disc
Mechanical Tamper	1	3-5 HP Gas Driven
Concrete Mixer	1	1 Bagger
Hand Tools	enough	

TECHNICAL PERSONNEL REQUIRED

Description	No.	Description
Foreman	1	
Asst. Foreman	1	
Safety Officer	1	Part Time

COST OF PROPOSED WORK						
Item	Description		Quantity	Unit	Unit Cost (PhP)	Total Amount (PhP)
General Requirements						
1.0	SPL2	Construction of Camp, Temporary Facilities & Movement of Equipment	1	L.S.		
2.0	SPL3	Construction Safety and Health	1	L.S.		
Sub-total						
3.0	Canal Works 1400 "l.m.					
	102(2)	Common Excavation	244.00	cu.m		
	515(3)	Structural Backfill/backfilling	116.00	cu.m		
	900(2)a	Concrete Class "B" With Forms	143.50	cu.m		
	900(2)b	Concrete Class "B" Without Forms	98.00	cu.m		
	404(1)a	Reinforcing Steel Bars	10283.00	kgs		
	200(1)	AggregateSub Base Course	98.00	cu.m		
Sub-total						
4.0	End Check 2 "unit					
	102(2)	Common Excavation	1.00	cu.m		
	515(3)	Structural Backfill/backfilling	0.50	cu.m		
	900(2)a	Concrete Class "B" With Forms	1.00	cu.m		
	404(1)a	Reinforcing Steel Bars	12.00	kgs		
	200(1)	AggregateSub Base Course	0.20	cu.m		
	SPL1	Wooden Flush Board (Yakal)	2.00	bd ft		
Sub-total						
5.0	Division Box 2 "unit					
	102(2)	Common Excavation	1.00	cu.m		
	515(3)	Structural Backfill/backfilling	0.50	cu.m		
	900(2)a	Concrete Class "B" With Forms	0.72	cu.m		
	900(2)b	Concrete Class "B" Without Forms	0.28	kgs		
	404(1)a	Reinforcing Steel Bars	20.00	cu.m		
	200(1)	AggregateSub Base Course	0.30	cu.m		
	SPL1	Wooden Flush Board (Yakal)	6.00	bd ft		
Sub-total						
6.0	Tractor Crossing 6 "units					
	102(2)	Common Excavation	1.80	cu.m		
	515(3)	Structural Backfill/backfilling	0.90	cu.m		
	900(2)a	Concrete Class "B" With Forms	1.50	cu.m		
	900(2)b	Concrete Class "B" Without Forms	1.80	cu.m		
	404(1)a	Reinforcing Steel Bars	72.00	kgs		
	200(1)	AggregateSub Base Course	0.60	cu.m		
Sub-total						
7.0	Turn-out 5 "units					
	102(2)	Common Excavation	1.25	cu.m		
	515(3)	Structural Backfill/backfilling	0.63	cu.m		
	900(2)a	Concrete Class "B" With Forms	1.25	cu.m		
	404(1)a	Reinforcing Steel Bars	60.00	kgs		
	200(1)	AggregateSub Base Course	0.50	cu.m		
	SPL1	Wooden Flush Board (Yakal)	5.00	bd ft		
Sub-Total						
8.0	Billboard/Marker					
	SPL4	Billboard and Project Marker	1.00	L.S.		
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