

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

**Project Title:** Construction of Canal Extension of Tagbangan DD  
**Project Location:** Bgy. Pipian, San Fernando, Camarines Sur  
**Appropriation:** ₱3,959,974.47  
**Source of fund :** Rice 2022  
**Subject:** BILL OF QUANTITIES AND COST PROPOSAL

**Classification:** Irrigation Facility  
**Number of Unit:** 1  
**Net Length:**  
**Project Duration :** 105 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 )  
-Construction of Slope Protection on Pond Area

**MINIMUM EQUIPMENT REQUIREMENT**

Description	No.	Description
Dump Truck	1	3-5 m <sup>3</sup>
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)
<b>General Requirements</b>						
1.0	SPL2	Construction of Camp, Temporary Facilities & Movement of Equipment	1	L.S.		
2.0	SPL3	Construction Safety and Health	1	L.S.		
<b>Sub-total</b>						
3.0	<b>Canal Works</b> 1213 "L.m.					
	102(2)	Common Excavation	208.00	cu.m.		
	515(3)	Structural Backfill/backfilling	103.00	cu.m.		
	900(2)a	Concrete Class "B" With Forms	124.50	cu.m.		
	900(2)b	Concrete Class "B" Without Forms	84.90	cu.m.		
	404(1)a	Reinforcing Steel Bars	8907.00	kgs		
	200(1)	AggregateSub Base Course	84.90	cu.m.		
<b>Sub-total</b>						
4.0	<b>Slope Protection</b> 57 "L.m.					
	102(2)	Common Excavation	17.00	cu.m.		
	515(3)	Structural Backfill/backfilling	10.00	cu.m.		
	900(1)a	Concrete Class "A" With Forms	12.00	cu.m.		
	900(1)b	Concrete Class "A" Without Forms	15.00	cu.m.		
	404(1)a	Reinforcing Steel Bars	1029.00	kgs		
	506(1)	Rubble Masonry	22.00	cu.m.		
	200(1)	AggregateSub Base Course	3.00	cu.m.		
<b>Sub-total</b>						
5.0	<b>End Check</b> 3 "unit					
	102(2)	Common Excavation	1.50	cu.m.		
	515(3)	Structural Backfill/backfilling	0.75	cu.m.		
	900(2)a	Concrete Class "B" With Forms	1.50	cu.m.		
	404(1)a	Reinforcing Steel Bars	18.00	kgs		
	200(1)	AggregateSub Base Course	0.30	cu.m.		
	SPL1	Wooden Flush Board (Yakal)	3.00	bd.ft		
<b>Sub-total</b>						
6.0	<b>Division Box</b> 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		
<b>Sub-total</b>						
7.0	<b>Tractor Crossing</b> 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.		
<b>Sub-total</b>						
8.0	<b>Turn-out</b> 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		
<b>Sub-Total</b>						
9.0	<b>Billboard/Marker</b>					
	SPL4	Billboard and Project Marker	1.00	L.S.		
<b>Sub-Total</b>						
<b>TOTAL PROJECT COST</b>						

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

NAME AND SIGNATURE OF BIDDER