

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

Project Title: CONSTRUCTION OF ORAS-PINIT DIVERSION DAM
Project Location: Brgy. Oras, Ocampo, Camarines Sur
Appropriation: ₱ 6,929,997.95
Source of fund : Rice 2022
Subject: BILL OF QUANTITIES AND COST PROPOSAL

Classification: Irrigation Facility
Number of Unit: 1
Net Length:
Project Duration : 188 CD
Starting Date: upon receipt of NTP

Scope of Work:
-Construction of One (1) Unit Diversion Dam with 2 sets of Slide Gate
-Construction of One Thousand Nine Hundred Four (1904) Linear Meter of Canal with Four (4) sets of Division Box & Four (4) Sets of Tractor Crossing

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.9	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(8)	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	Dam & Intake Structure			
	102(2)	Common Excavation	19.29	cu.m	
	515(3)	Structural Backfill/backfilling	3.86	cu.m	
	200(1)	Aggregate Sub-base Course	13.61	cu.m	
	902(1)a	Reinforcing Steel Bars	3,655.01	Kg	
	900(1)a1	Concrete Class "A" With Forms	4.00	cu.m	
	900(1)a2	Concrete Class "A" Without Forms	76.32	cu.m	
	506(1)	Rubble Masonry	25.93	cu.m	
	SPL1	Fabrication & Installation Slide Gate (0.5m x 0.5m x 1.1m frame height)	1.00	Assy	
	SPL1	Fabrication & Installation Slide Gate (1m x 0.5m x 1.1m frame height)	1.00	Assy	
				Sub-Total	
PART II.3	II.3	Irrigation Canal (0.5x0.5)	1,878.00	Lm.	
	102(2)	Common Excavation	469.50	cu.m	
	515(3)	Structural Backfill/backfilling	234.75	cu.m	
	200(1)	Aggregate Sub-base Course	150.24	cu.m	
	902(1)a	Reinforcing Steel Bars	15,024.00	Kg	
	900(2)b	Concrete Class "B" With Forms	194.06	cu.m	
	900(2)a	Concrete Class "B" Without Forms	150.24	cu.m	
				Sub-Total	
PART II.4	II.4	Division Box	4.00	set	
	102(2)	Common Excavation	2.00	cu.m	
	515(3)	Structural Backfill/backfilling	1.00	cu.m	
	200(1)	Aggregate Sub-base Course	0.40	cu.m	
	902(1)a	Reinforcing Steel Bars	24.00	Kg	
	900(2)b	Concrete Class "B" With Forms	2.00	cu.m	
	SPL2	Wooden Flushboard	20.00	bd. ft.	
				Sub-Total	
PART II.5	II.5	Tractor Crossing	4.00	set	
	102(2)	Common Excavation	0.17	cu.m	
	515(3)	Structural Backfill/backfilling	0.08	cu.m	
	200(1)	Aggregate Sub-base Course	0.17	cu.m	
	902(1)a	Reinforcing Steel Bars	40.32	Kg	
	900(2)b	Concrete Class "B" With Forms	3.36	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