

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

Project Title: CONSTRUCTION OF SAN JUAN DAAN DD
Project Location: San Juan Daan, Bulan Sorsogon
Appropriation: P. 6, 929, 925.59
Source of fund : Rice 2022
Subject: BILL OF QUANTITIES AND COST PROPOSAL

Classification: Irrigation Facility
Number of Unit: 1
Net Length:
Project Duration : 165 CD
Starting Date: upon receipt of NTP

Scope of Work:
-Construction of One (1) Unit Diversion Dam & Intake Structure
-Construction of One Thousand Four Hundred Ninety-Five (1495) Linear Meter of Canal with One (1) set of Division Box & Six (6) Sets of Tractor Crossing

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 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.		
PART II	CIVIL WORKS				
	PART II.1 Diversion of Water & Care of Creek	1.00	l.s.		
	PART II.2 Dam & Intake Structure				
	102(2) Common Excavation	26.25	cu.m		
	1703(3) Desiltation of Dam	549.00	cu.m		
	515(3) Structural Backfill/backfilling	15.75	cu.m		
	200(1) Aggregate Sub-base Course	5.25	cu.m		
	902(1)a Reinforcing Steel Bars	2,266.37	Kg		
	900(1)a1 Concrete Class "A" With Forms	13.37	cu.m		
	900(1)a2 Concrete Class "A" Without Forms	27.93	cu.m		
	506(1) Rubble Masonry	7.13	cu.m		
	1722(2) Railings	1.00	Assy.		
	Slope Protection & Riprap				
	506(1) Rubble Masonry	184.38	cu.m		
	900(2)a Concrete Class "B" Without Forms	34.25	cu.m		
	104(2) Embankment from Desiltation Materials	402.20	cu.m		
	SPL1 Fabrication & Installation Slide Gate (1.2m x 1.6m x	2.00	Assy.		
	SPL1 Fabrication & Installation Slide Gate (0.5m x 0.5m x	2.00	Assy.		
PART III	PART III Irrigation Canal (0.5x0.5) 1495 Lm.				
	102(2) Common Excavation	373.75	cu.m		
	515(3) Structural Backfill/backfilling	186.88	cu.m		
	200(1) Aggregate Sub-base Course	119.60	cu.m		
	902(1)a Reinforcing Steel Bars	11,960.00	Kg		
	900(2)b Concrete Class "B" With Forms	154.48	cu.m		
	900(2)a Concrete Class "B" Without Forms	119.60	cu.m		
PART IV	PART IV.4 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		
PART V	PART V.5 End Check 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		
PART VI	PART VI.6 Tractor Crossing 6 set				
	102(2) Common Excavation	0.25	cu.m		
	515(3) Structural Backfill/backfilling	0.13	cu.m		
	200(1) Aggregate Sub-base Course	0.25	cu.m		
	902(1)a Reinforcing Steel Bars	60.48	Kg		
	900(2)b Concrete Class "B" With Forms	5.04	cu.m		

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

NAME AND SIGNATURE OF BIDDER