

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

Project Title: CONSTRUCTION OF DEL ROSARIO DD
Project Location: BRGY. DEL ROSARIO, PILI, CAMARINES SUR
Appropriation: ₱ 9,999,619.12
Source of fund: Rice 2022
Subject: BILL OF QUANTITIES AND COST PROPOSAL

Classification: Irrigation Facility
Number of Unit: 1
Net Length:
Project Duration: 88 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 Eight Hundred Thirty-Two (832) Linear Meter of Canal with Two (2) sets of Division Box & Two (2) Sets of Tractor Crossing
-Construction of Twenty (20) Linear Meter Elevated Flume

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 (P/F)	Total Amount (P/F)	
PART I	GENERAL REQUIREMENTS					
B.9	MOBILIZATION/DEMILIBILIZATION & TEMPORARY FACILITIES	1.00	ls.			
B.7(2)	PROVISION FOR CONSTRUCTION SAFETY &	1.00	ls.			
B.5	PROJECT BILLBOARD	1.00	ls.			
B.4(8)	PERMANENT CONCRETE MARKER	1.00	ls.			
						Sub-Total
PART II	CIVIL WORKS					
II.1	Diversion of Water & Care of Creek		ls.			
II.2	Diversion Dam					
102(2)	Common Excavation	103.50	cu.m			
515(3)	Structural Backfill/backfilling	51.34	cu.m			
200(1)	Aggregate Sub-base Course	3.15	cu.m			
902(1)a	Reinforcing Steel Bars	2,173.20	Kg			
900(1)a1	Concrete Class "A" With Forms	32.03	cu.m			
900(1)a2	Concrete Class "A" Without Forms	18.65	cu.m			
506(1)	Rubble Masonry	56.41	cu.m			
SPL1	Fabrication & Installation Slide Gate (1.3m x 2m x	2.00	Assy.			
						Sub-Total
PART II.3	SLOPE PROTECTION / RETAINING WALL STRUCTURE - 83 L.M.					
102(2)	Common Excavation	25.56	cu.m			
515(3)	Structural Backfill/backfilling	11.01	cu.m			
200(1)	Aggregate Sub-base Course	3.32	cu.m			
902(1)a	Reinforcing Steel Bars	379.92	Kg			
900(1)a2	Concrete Class "A" Without Forms	5.10	cu.m			
900(2)b	Concrete Class "B" With Forms	25.56	cu.m			
506(1)	Rubble Masonry	105.32	cu.m			
						Sub-Total
PART II.4	IRRIGATION CANAL (0.5x0.4) - 832 Lm.					
102(2)	Common Excavation	155.40	cu.m			
515(3)	Structural Backfill/backfilling	83.20	cu.m			
200(1)	Aggregate Sub-base Course	65.55	cu.m			
902(1)a	Reinforcing Steel Bars	6,466.00	Kg			
900(2)b	Concrete Class "B" With Forms	69.33	cu.m			
900(2)a	Concrete Class "B" Without Forms	65.55	cu.m			
						Sub-Total
PART II.5	ELEVATED FLUME - 20 L.M.					
102(2)	Common Excavation	4.00	cu.m			
515(3)	Structural Backfill/backfilling	2.58	cu.m			
200(1)	Aggregate Sub-base Course	0.40	cu.m			
902(1)a	Reinforcing Steel Bars	255.19	Kg			
900(1)a2	Concrete Class "A" Without Forms	1.20	cu.m			
900(1)a1	Concrete Class "A" With Forms	3.45	cu.m			
						Sub-Total
PART II.6	DIVISION BOX - 2 set					
102(2)	Common Excavation	1.00	cu.m			
515(3)	Structural Backfill/backfilling	0.50	cu.m			
200(1)	Aggregate Sub-base Course	0.20	cu.m			
902(1)a	Reinforcing Steel Bars	12.00	Kg			
900(2)b	Concrete Class "B" With Forms	1.00	cu.m			
SPL2	Wooden Flushboard	20.00	bd.ft.			
						Sub-Total
PART II.7	TRACTOR CROSSING - 2 set					
102(2)	Common Excavation	0.08	cu.m			
515(3)	Structural Backfill/backfilling	0.04	cu.m			
200(1)	Aggregate Sub-base Course	0.08	cu.m			
902(1)a	Reinforcing Steel Bars	20.16	Kg			
900(2)b	Concrete Class "B" With Forms	1.68	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