

BILL OF QUANTITIES AND COST PROPOSAL

NAME/LOCATION OF PROJECT: CONSTRUCTION OF CANAL EXTENSION OF SAN ANTONIO SWIP	Appropriation (Php) :	₱ 1,324,122.90
	Source of Funds :	
	Issued Obligated Authority :	
	Mode of Implementation :	<u>By Contract</u>
	Released :	
Location: Brgy. San Antonio, Ocampo, Camarines Sur	Calendar Days to Complete :	<u>90 days</u>
	Starting Date :	<u>Upon receipt of NTP</u>
PROJECT CATEGORY: Irrigation Network Services		

PROJECT DESCRIPTION:

Construction of 225 Linear Meters Concrete Canal, 50 Linear Meters Flume and Other Irrigation Structure

MINIMUM EQUIPMENT REQUIREMENT				TECHNICAL PERSONNEL REQUIRED			
Description	No.	Description	No.	Description	No.	Description	No.
Concrete Mixer, 1 bagger	1			Foreman	1	Unskilled	14
Dump truck, 6-8 cu.m.	1			First Aider	1		
Mini-Backhoe, 0.75 cu.m.	1			Safety Officer	1		
Mechanical Tamper	1			Skilled	3		

Item	Description	Unit	Quantity	Unit Cost (PhP)	Total Amount (PhP)
PART I OTHER GENERAL REQUIREMENTS					
I.1	Project Billboard/Signboard	e.a.	1.00		
I.2	Occupational Safety and Health Program	L.S.	1.00		
I.3	Mobilization / Demobilization	L.S.	1.00		
I.4	Construction of Camps, Other Temporary Facilities	L.S.	1.00		
Sub-Total					
PART II CONCRETE IRRIGATION CANAL (225 L.M.)					
102	Common Soil Excavation	cu.m.	80.00		
100(2)	Structural BackFill/Backfilling	cu.m.	25.00		
201	Aggregate Sub Base Course (Gravel Fill)	cu.m.	18.00		
405(3)	Concrete Class "B" w/ Forms (Wall)	cu.m.	23.00		
405(4)	Concrete Class "B" w/out Forms (Flooring)	cu.m.	18.00		
404	Reinforcing Steel Bar	kgs.	1,760.00		
Sub-Total					
PART III ELEVATED CANAL/ FLUME (50 L.M.)					
102	Common Soil Excavation	cu.m.	20.00		
100(2)	Structural BackFill/Backfilling	cu.m.	14.00		
201	Aggregate Sub Base Course (Gravel Fill)	cu.m.	2.00		
405(3)	Concrete Class "B" w/ Forms (Wall)	cu.m.	27.00		
405(4)	Concrete Class "B" w/out Forms (Flooring)	cu.m.	5.00		
404	Reinforcing Steel Bar	kgs.	1,875.00		
Sub-Total					
PART IV RCP ROAD CROSSING (9.0 L.M.)					
102	Common Soil Excavation	cu.m.	10.00		
100(2)	Structural BackFill/Backfilling	cu.m.	6.00		
201	Aggregate Sub Base Course (Gravel Fill)	cu.m.	0.50		
405(3)	Concrete Class "B" w/ Forms (End Structure)	cu.m.	1.00		
405(4)	Concrete Class "B" w/out Forms (Collar)	cu.m.	2.00		
404	Reinforcing Steel Bar	kgs.	75.00		
SPL1	0.60 m Diameter RCP	l.m.	9.00		
Sub-Total					

PART V	DIVISION BOX (1 UNITS)				
102	Common Soil Excavation	cu.m.	0.75		
100(2)	Structural BackFill/Backfilling	cu.m.	0.25		
201	Aggregate Sub Base Course (Gravel Fill)	cu.m.	0.25		
405(3)	Concrete Class "B" w/ Forms (Wall)	cu.m.	0.50		
404	Reinforcing Steel Bar	kgs.	30.00		
				Sub-Total	
PART VI	END CHECK (1 UNITS)				
102	Common Soil Excavation	cu.m.	1.00		
100(2)	Structural BackFill/Backfilling	cu.m.	0.75		
201	Aggregate Sub Base Course (Gravel Fill)	cu.m.	0.35		
405(3)	Concrete Class "B" w/ Forms	cu.m.	0.50		
404	Reinforcing Steel Bar	kgs.	30.00		
				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