

Approval: P-1,500,000.00
 Source of fund : Rice Savings 2021
 Subject: BILL OF QUANTITIES AND COST PROPOSAL
 Starting Date: upon receipt of NTP
 Project Duration : 60 CD
 Net Length:
 Foreman : 1
 Asst. Foreman : 1
 Description

-Construction of Three Hundred Eighty-Five (385) Linear Meter of Canal with Two (2) sets of Division Box, Two (2) Sets of Tractor Crossing & One (1) set of end check
 -Construction of Fifty (50) Linear Meter Elevated Flume

MINIMUM EQUIPMENT REQUIREMENT		TECHNICAL PERSONNEL REQUIRED	
Description	No.	Description	No.
Service Truck	1	3-5 m ³	1
Water Pump	1	4" diameter	1
Welding Machine	1	300 Amp, Gas Driven	1
Electric Bar Cutter	1	12" Diameter Disc	1
Hand Tools	enough		

Item	Description	Quantity	Unit	Unit Cost (PHP)	Total Amount (PHP)
PART I GENERAL REQUIREMENTS					
B.9	MOBILIZATION/DEMOBILIZATION & TEMPORARY FACILITIES	1.00	ls.		
B.7(2)	PROVISION FOR CONSTRUCTION SAFETY & PROJECT BILLBOARD	1.00	ls.		
B.6	PROJECT BILLBOARD	1.00	ls.		
PART II.1 CIVIL WORKS					
II.1	Irrigation Canal (0.5x0.5)	385.00	l.m.		
102(2)	Common Excavation	96.25	cu.m		
515(3)	Structural Backfill/backfilling	48.13	cu.m		
200(1)	Aggregate Sub-base Course	26.05	cu.m		
902(1)a	Reinforcing Steel Bars	3,080.00	kg		
902(1)b	Reinforcing Steel Bars	39.78	cu.m		
900(2)b	Concrete Class "B" Without Forms	30.80	cu.m		
900(2)a	Concrete Class "B" Without Forms	39.78	cu.m		
II.2	Elevated Flume	50.00	l.m.		
102(2)	Common Excavation	10.00	cu.m		
515(3)	Structural Backfill/backfilling	1.00	cu.m		
902(1)a	Reinforcing Steel Bars	187.94	kg		
900(1)a1	Concrete Class "A" With Forms	4.83	cu.m		
900(1)a2	Concrete Class "A" Without Forms	3.00	cu.m		
902(1)a	Reinforcing Steel Bars	400.00	kg		
902(1)b	Reinforcing Steel Bars	5.17	cu.m		
900(2)b	Concrete Class "B" With Forms	4.00	cu.m		
900(2)a	Concrete Class "B" Without Forms	4.00	cu.m		
II.3	Removal of Damage Canal	88.00	l.m.		
101(1)	Demolition and Disposal	88.00	l.m.		
PART II.4					
II.4	Division Box	2.00	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 Fluehboard	20.00	bd.ft.		
PART II.5					
II.5	End Check	1.00	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 Fluehboard	20.00	bd.ft.		
PART II.6					
II.6	Tractor Crossing	2.00	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		
Total Project Cost					
					Sub-Total

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

NAME AND SIGNATURE OF BIDDER

Source of fund : Rice Saangs 2021
 Subject: BILL OF QUANTITIES AND COST PROPOSAL
 Starting Date: upon receipt of NTP

Scope of Work: -Construction of Two Hundred Thirty-Seven (237) Linear Meter of Canal
 -Construction of Two Hundred (200) Linear Meter Box Culvert

MINIMUM EQUIPMENT REQUIREMENT		TECHNICAL PERSONNEL REQUIRED	
Description	No.	Description	No.
Service Truck	1	Foreman	1
Water Pump	1	Asst. Foreman	1
Welding Machine	1		
Electric Bar Cutter	1		
Hand Tools	enough		

Item	Description	Quantity	Unit	Unit Cost (Php)	Total Amount (Php)
PART I GENERAL REQUIREMENTS					
B.9	MOBILIZATION/DEMOLIBLIZATION & TEMPORARY FACILITIES	1.00	l.s.		
B.7(2)	PROVISION FOR CONSTRUCTION SAFETY &	1.00	l.s.		
B.5	PROJECT BILLBOARD	1.00	l.s.		
PART II.1 CIVIL WORKS					
II.1	Irrigation Canal (0.5x0.5) 237 l.m.	59.25	cu.m		
102(2)	Common Excavation	29.63	cu.m		
515(3)	Structural Backfill/backfilling	28.05	cu.m		
200(1)	Aggregate Sub-base Course	1,898.00	kg		
902(1)a	Reinforcing Steel Bars	24.49	cu.m		
900(2)b	Concrete Class "B" With Forms	18.96	cu.m		
900(2)a	Concrete Class "B" Without Forms		cu.m		
Sub-Total					
II.2	Box Culvert (0.5x0.5) 200 l.m.	168.00	cu.m		
102(2)	Common Excavation	84.00	cu.m		
515(3)	Structural Backfill/backfilling	14.00	cu.m		
200(1)	Aggregate Sub-base Course	2,000.00	kg		
902(1)a	Reinforcing Steel Bars	32.00	cu.m		
900(2)b	Concrete Class "B" With Forms	16.00	cu.m		
900(2)a	Concrete Class "B" Without Forms		cu.m		
Sub-Total					
PART II.2					
II.3	Canal Pedestal & Riprap	2.80	cu.m		
102(2)	Common Excavation	1.40	cu.m		
515(3)	Structural Backfill/backfilling	300.70	kg		
902(1)a	Reinforcing Steel Bars	3.26	cu.m		
900(2)b	Concrete Class "B" With Forms	1.12	cu.m		
900(2)a	Concrete Class "B" Without Forms	1.75	cu.m		
505(2)	Grouted Riprap		cu.m		
Sub-Total					
PART II.3					
II.4	Division Box 2 set	1.00	cu.m		
102(2)	Common Excavation	0.50	cu.m		
515(3)	Structural Backfill/backfilling	0.20	cu.m		
200(1)	Aggregate Sub-base Course	12.00	kg		
902(1)a	Reinforcing Steel Bars	1.00	cu.m		
900(2)b	Concrete Class "B" With Forms	20.00	bd ft.		
SP12	Wooden Flushboard				
Sub-Total					
PART II.4					
II.5	Tractor Crossing	2.00	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					
PART II.5					
II.6	Tractor Crossing	2.00	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.

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