

Contract ID No.:  
Contract Name :

**001: Ensure Safe and Reliable National Road System**  
**Bridge Program - Widening of Permanent Bridge**  
**Tapayas Br. (B00470LZ) along Nabua - Balatan Rd. (Phase 2)**  
Balatan, Camarines Sur

Location of the Contract:

### BILL OF QUANTITIES

**Part No. A**

**Part Description:**

**FACILITIES FOR THE ENGINEER**

(Vol. III, Standard Specifications for Public Works Structures (Buildings, Ports and Harbours, Flood Control and Drainage Structures and Water supply Systems/Standardized Pay items of Work for Construction of Infrastructure Projects)

PAY ITEM No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
A.1.1 (8)	Provision of Field Office for the Engineer (Rental Basis)	mo.	6.47	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
TOTAL COST (PART A) (Carried to Summary) (Pesos: _____ and _____ Centavos)					P _____

**Part No. B**

**Part Description:**

**OTHER GENERAL REQUIREMENTS**

(Vol. III, Standard Specifications for Public Works Structures (Buildings, Ports and Harbours, Flood Control and Drainage Structures and Water supply Systems/Standardized Pay items of Work for Construction of Infrastructure Projects)

PAY ITEM No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
B.5(1)	Project Billboard/Signboard	ea.	2.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
B.7(2)	Occupational Safety & Health	l.s.	1.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
B.8(2)	Traffic Management	l.s.	1.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
B.9	Mobilization/Demobilization	l.s.	1.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
TOTAL COST (PART B) (Carried to Summary) (Pesos: _____ and _____ Centavos)					P _____

READ AND ACCEPTED AND GOOD FOR AGREEMENT:

(Name and Signature of the Bidder or Duly Authorized Bidder's Representative)
(Position of the Bidder or Duly Authorized Bidder's Representative)
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 Balatan, Camarines Sur

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## BILL OF QUANTITIES

**Part No.**

**C**

**Part Description:**

**EARTHWORK**

*(Vol. II, Standard Specification for Highways, Bridges and Airports/ Standardized Pay Items of Work for Construction of Infrastructure Projects)*

PAY ITEM No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
100(3)a1	Individual Removal of Trees (150 - 300 mm.dia) - Small	ea	12.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
100(3)a2	Individual Removal of Trees (301 - 500 mm.dia) - Small	ea	8.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
101(1)	Removal of Structures and Obstruction	l.s	1.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
101(3)b5	Removal of Actual Structures/Obstruction - 0.28m thick PCCP (Unreinforced)	sq.m.	25.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
101(6)	Removal of Structures and Obstruction (Concrete)	cu.m.	141.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
103(3)	Foundation Fill	cu.m.	31.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
103(5)b	Shoring, Cribbing and Related Works (Cribbing/Cofferdamming)	l.s.	1.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
104(1)a	Embankment from Roadway/ Structure Excavation	sq.m.	1,271.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
104(2)a	Embankment from borrow (Common Soil)	l.s.	617.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
105(1)a	Subgrade Preparation (Common Material)	sq.m.	32.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
TOTAL COST (PART C) (Carried to Summary) (Pesos: _____ and _____ Centavos)					P _____

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**BILL OF QUANTITIES****Part No. D****Part Description:****SUBBASE AND BASE COURSE***(Vol. II, Standard Specification for Highways, Bridges and Airports/ Standardized Pay Items of Work for Construction of Infrastructure Projects)*

PAY ITEM No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
200(1)	Aggregate Subbase Course	cu.m.	7.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
201(1)	Aggregate Base Course	cu.m.	178.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
TOTAL COST (PART D) (Carried to Summary) (Pesos: _____ and _____ Centavos)					P _____

**Part No. E****Part Description:****SURFACE COURSES***(Vol. II, Standard Specification for Highways, Bridges and Airports/ Standardized Pay Items of Work for Construction of Infrastructure Projects)*

PAY ITEM No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
311(1)e1	Portland Cement Concrete Pavement (Unreinforced) - (0.28 m thick, 14 days)	sq.m.	35.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
TOTAL COST (PART E) (Carried to Summary) (Pesos: _____ and _____ Centavos)					P _____

**Part No. F****Part Description:****BRIDGE CONSTRUCTION***(Vol. II, Standard Specification for Highways, Bridges and Airports/ Standardized Pay Items of Work for Construction of Infrastructure Projects)*

PAY ITEM No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
400(17)e	Concrete Pile Casts in Drilled Holes. 1.20 dia.	m.	120.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
400(23)e1	Permanent Casing, 1.2 m dia., 10mm thick	m.	120.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
400(26)	Pile Integrity Testing	ea.	2.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____

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PAY ITEM No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
400(27)	High Strain Dynamic Testing (P.D.A)	ea.	1.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
401(2)a	Concrete Railing (Standard)	m	27.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
404(1)a	Reinforcing Steel, Grade 40	kg.	14,900.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
404(1)b	Reinforcing Steel, Grade 60	kg.	6,290.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
405(1)b3	Structural Concrete - 27.58 Mpa, Class A (28 days)	cu.m.	96.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
406(1)g2	Prestressed Structural Concrete Members - 27.00 m., Type V, I-Girders	ea.	2.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
411(2)	Paint	sq.m.	286.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
412(1)c	Elastomeric Bearing Pads	ea.	4.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
413(1)	Preformed Sponge Rubber Joint Expansion	cu.m.	0.04	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
413(7)	Asphaltic Plug Joints (APJ) for bridges	l.m.	35.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
TOTAL COST (PART F) (Carried to Summary) (Pesos: _____ and _____ Centavos)					P _____

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**BILL OF QUANTITIES****Part No. G****Part Description: DRAINAGE AND SLOPE PROTECTION STRUCTURE***(Vol. II, Standard Specification for Highways, Bridges and Airports/ Standardized Pay Items of Work for Construction of Infrastructure Projects)*

PAY ITEM No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
505(2)a	Grouted Riprap (Class A)	cu.m.	693.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
509(1)b1	Sheet Piles (Steel) - Slope Protection	l.m.	3,123.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
517(1)	Drain Pipes (Galvanized)	l.m.	4.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
TOTAL COST (PART G) (Carried to Summary) (Pesos: _____ and _____ Centavos)					P _____

**Part No. H****Part Description: MISCELLANEOUS STRUCTURES***(Vol. II, Standard Specification for Highways, Bridges and Airports/ Standardized Pay Items of Work for Construction of Infrastructure Projects)*

PAY ITEM No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
603(3)a1	Metal Guardrail (Metal Beam) Including Post, Single, W- Beam	l.m.	8.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
611(1)	Metal Beam End Piece, Bull Nose	ea.	2.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
611(1)	Trees (Furnishing and Transplanting)	ea.	2,000.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
612(1)	ReflectORIZED Thermoplastic Pavement Markings (White)	sq.m.	8.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
TOTAL COST (PART H) (Carried to Summary) (Pesos: _____ and _____ Centavos)					P _____

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 Balatan, Camarines Sur

## BILL OF QUANTITIES

**Part No.**

**L**

**Part Description:**

**FLOOD AND RIVER CONTROL AND DRAINAGE**

**Part No.**

**L.A.**

**Part Description:**

**EARTHWORKS**

(Vol. III, Standard Specifications for Public Works Structures (Buildings, Ports and Harbours, Flood Control and Drainage Structures and Water supply Systems/Standardized Pay items of Work for Construction of Infrastructure Projects)

PAY ITEM No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
1700(1)	Clearing & Grubbing	sq.m.	733.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
1701(1)	Channel Excavation (Unsuitable Excavation)	cu.m.	10.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
TOTAL COST (PART L.A.) (Carried to Summary) (Pesos: _____ and _____ Centavos)					P _____

**Part No.**

**L.B.**

**Part Description:**

**BANK AND SLOPE PROTECTION WORKS**

(Vol. III, Standard Specifications for Public Works Structures (Buildings, Ports and Harbours, Flood Control and Drainage Structures and Water supply Systems/Standardized Pay items of Work for Construction of Infrastructure Projects)

PAY ITEM No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
405(1)a3	Structural Concrete, Class A (20.68 MPa)-	cu.m.	39.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
508(1)	Hand Laid Rock Embankment	cu.m.	383.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
1712(1)	Concrete Slope Protection	cu.m.	187.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____

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**001: Ensure Safe and Reliable National Road System**  
**Bridge Program - Widening of Permanent Bridge**  
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Balatan, Camarines Sur

SUMMARY OF BID PRICES  
(All Parts of Bill of Quantities)

Instructions for completing the Summary of Bid Prices:

1. Part No. - Enter the "Part No." for each section of the BOQ where unit prices are entered.
2. Part Description - Enter the "Part Description" corresponding to the "Part No."
3. Total Amount - Enter the "Total Amount" in Pesos for all pages having the same "Part Description"

Contract ID:		
Part No.	Part Description	Total Amount
<b>A</b>	<b>FACILITIES FOR THE ENGINEER</b> (Vol. III, Standard Specifications for Public Works Structures(Buildings, Ports and Harbours, Flood Control and Drainage Structures and Water supply Systems/StandardizedPay items of Work for Construction of Infrastructure Projects)	
<b>B</b>	<b>OTHER GENERAL REQUIREMENTS</b> (Vol. III, Standard Specifications for Public Works Structures(Buildings, Ports and Harbours, Flood Control and Drainage Structures and Water supply Systems/StandardizedPay items of Work for Construction of Infrastructure Projects)	
<b>C</b>	<b>EARTHWORKS</b> (Vol. II, Standard Specification for Highways, Bridges and Airports/ Standardized Pay Items of Work for Construction of Infrastructure Projects)	
<b>D</b>	<b>SUBBASE AND BASE COURSE</b> (Vol. II, Standard Specification for Highways, Bridges and Airports/ Standardized Pay Items of Work for Construction of Infrastructure Projects)	
<b>E</b>	<b>SURFACE COURSES</b> (Vol. II, Standard Specification for Highways, Bridges and Airports/ Standardized Pay Items of Work for Construction of Infrastructure Projects)	
<b>F</b>	<b>BRIDGE CONSTRUCTION</b> (Vol. II, Standard Specification for Highways, Bridges and Airports/ Standardized Pay Items of Work for Construction of Infrastructure Projects)	
<b>G</b>	<b>DRAINAGE AND SLOPE PROTECTION</b> (Vol. II, Standard Specification for Highways, Bridges and Airports/ Standardized Pay Items of Work for Construction of Infrastructure Projects)	
<b>H</b>	<b>MISCELLANEOUS STRUCTURE</b> (Vol. II, Standard Specification for Highways, Bridges and Airports/ Standardized Pay Items of Work for Construction of Infrastructure Projects)	
<b>L</b>	<b>FLOOD AND RIVER CONTROL AND DRAINAGE</b> (Vol. III, Standard Specifications for Public Works Structures(Buildings, Ports and Harbours, Flood Control and Drainage Structures and Water supply Systems/StandardizedPay items of Work for Construction of Infrastructure Projects)	
<b>L.A.</b>	<b>EARTHWORKS</b> (Vol. III, Standard Specifications for Public Works Structures(Buildings, Ports and Harbours, Flood Control and Drainage Structures and Water supply Systems/StandardizedPay items of Work for Construction of Infrastructure Projects)	
<b>L.B.</b>	<b>BANK AND SLOPE PROTECTION WORKS</b> (Vol. III, Standard Specifications for Public Works Structures(Buildings, Ports and Harbours, Flood Control and Drainage Structures and Water supply Systems/StandardizedPay items of Work for Construction of Infrastructure Projects)	
<b>Total of All Amount</b>		
Total of All Amount in words:		
Pesos: _____		
and _____ centavos		

READ AND ACCEPTED AND GOOD FOR AGREEMENT:

\_\_\_\_\_  
(Name and Signature of the Bidder or Duly Authorized Bidder's Representative,

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Position of the Bidder or Duly Authorized Bidder's Representative,

\_\_\_\_\_  
(Name of the Bidder)