

Source of Funds : CY-2019



PROGRAM OF WORK/BUDGET COST

	115-01-00	

Project	:	Construction/Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers, Construiction of Flood Control Structure along Dicayo River (Downstream), Barangay Daanglungsod, Katipunan, Zamboanga del Norte	Net Length	:	(a) Others _ (b) Road		428.00 ln.m	0.43 km	
					(c) Bridge				
roject ID	:		Target Start Date	:					
ocation	:	Zamboanga del Norte	Total Project Duration	:	-	225	Calendar Days		
Station Limits	:	0+020.00 - 0+428.00	No. of Pre-determined	:		50	Calendar Days		

DESCRIPTION OF WORKS TO BE DONE	OLIANITTO	110177	1	AS SUBMITTED	1	AS EVALUATED
DESCRIPTION OF WORKS TO BE DONE	QUANTITY	QUANTITY UNIT		TOTAL DIRECT COST	% TOTAL	TOTAL DIRECT COST
PART A: Facilities for the Engineers			1.89%	1,125,701.20		
B: Other General Requirements			1.28%	764,867.82		
C: Earthworks			0.00%	•		
D: Subbase and Base Course			0.00%	¥-		
E: Surface Courses			0.00%			
F: Bridge Construction			0.00%			
G: Drainage and Slope Protection Structures			20.84%	12,429,932.50		
H: Miscellaneous Structure			0.00%	-		
I: Provisional Sum			0.00%	a		
J: Flood Control and Drainage			3.51%	2,093,105.95		
I-B: Bank and Slone Protection Works			72.49%	43.240.770.45		

EQUIPMENT:

DESCRIPTION	REQUIRED
(PLS. SEE FORM POW	-2015-01B-00)

BREAKDOWN OF EXPENDITURES:

	AS SUBMITTED	AS EVALUATED
1. Labor	3,833,678.96	
2. Materials	44,716,670.95	
3. Rental of Equipment	11,104,028.01	
4. Provisional Sum/Daywork	-	
5. OCM and Profit	10,495,150.49	
6. Value Added Tax	3,507,476.42	
7. EAO, 3.5%	2,577,995.17	
8. RROW Acquisition	(0.00)	
9. Physical Reseved (Contigency)		
10. TOTAL ESTIMATED COST	76,235,000.00	

TURMING C. TORREFRANCA

District Engineer

	AS SUBMITTED	AS EVALUATED
A. Total Direct Cost	59,654,377.93	
B. OCM and Profit	10,495,150.49	
C. Value Added Tax	3,507,476.42	
D. Total Construction Cost	- 1	
E. Eng'g. & Administrative Overhead	2,577,995.17	
F. RROW Acquisition	(0.00)	
G. Physical Reserved (Contingency)	-	
	-	
H. TOTAL ESTIMATED COST	76,235,000.00	

Calendar Days

76,235,000.00

Preparation and Submission:

JERALD R. BARRERA

Engineer II

Prepared by:

Checked/Submiletd by:

ISIDRA A. ESTANISLAO

Engineer IV

Evaluation:

Reviewed by:

Approval:

Recommending Approva

Unworkable Days

KHADAFFY D. TONGGOL

Approved:

CAYAMOMBAO D. DIA, CESO IV

Regional Director

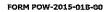


Zamboanga del Norte

FORM POW-2015-01A-00

ITEMIZED BREAKDOWN

						DIRECT		TOTAL U	% DIRECT			
ITEM NO.	DESCRIPTION	QUAI	YTITY	UNIT	TOTA	AL	UNIT	COST	TOTAL		COST	
		AS SUBMITTED	AS EVALUATED		AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS EVALUATED	
PART A	Facilities for the Engineers											
A.1.1 (3)	Const. of Field Office for the Enigneer	1.00		ls	387,015.63		387,015.63		479,512.37		0.65%	
A.1.1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	1.00		ls	273,355.07		273,355.07		287,022.82		0.46%	
A.1.2 (5)	Operation & Maintenance of Gov't. Service Vehicles	1.00		ls	465,330.50		465,330.50		488,597.03		0.78%	
	TOTAL OF PART A				1,125,701.20						1.89%	
PART B	Other General Requirements											
B.4(1)	Construction Survey and Staking	0.43		km	41,324.15		96,551.75		119,627.62		0.07%	
B.5	Project Billboard	4.00		unit	8,083.93		2,020.98		2,504.00		0.01%	
B.7(2)	Occupational Safety & Health Program	1.00		ls	238,857.75		238,857.75		270,864.69		0.40%	
B.9	Mobilization & Demobilization	1.00		ls	476,602.00		476,602.00		500,432.10		0.80%	
	TOTAL OF PART B				764,867.82						1.28%	
PART G	Drainage and Slope Protection Structures											
508(1)	Handlaid Rock Embankment	7,922.00		cu.m	12,429,932.50		1,569.04		1,944.04		20.84%	
	TOTAL OF PART G				12,429,932.50						20.84%	
PARTJ	Flood Control and Drainage											
1702(1)	Structure Excavation	4,169.00		cu.m	666,010.67		159.75		197.93		1.12%	
1704(1)b	Embankment from Borrow	1,327.00		cu.m	859,637.60		647.81		802.63		1.44%	
1707(1)	Aggregate Subbase Course	591.00		cu.m	567,457.68		960.17	Carrier - Land	1,189.64		0.95%	
	TOTAL OF PART J				2,093,105.95						3,51%	
PART I-B	Bank and Slope Protection Works											
1710(1)a	Grouted Riprap, Class "A"	1,122.00		cu.m	3,376,091.66		3,008.99		3,728.14		5.66%	
404(1)a	Reinforcing Steel (Grade 40)	26,759.00		kg	1,313,037.19		49.07		60.80		2.20%	
404(1)b	Reinforcing Steel (Grade 60)	6,078.00		kg	311,005.14		51.17		63.40		0.52%	
405(1)b1	Structural Concrete, Class A	1,104.00		cu.m	6,881,372.94		6,233.13		7,722.85		11.54%	
	Structural Steel Sheet Piles, Furnished	8,025.00		m	19,643,921.50		2,447.84		3,032.87		32.93%	
1716(12)	Structural Steel Sheet Piles, Driven	8,025.00		m	11,612,525.83		1,447.04		1,792.89		19.47%	
	Steel Sheets Test Piles, Furnished and Driven	15.00		ln.m	102,816.19		6,854.41		8,492.62		0.17%	
	TOTAL OF PART I-B				43,240,770.45						69.76%	
	GRAND TOTAL	1			59,654,377.93						97.28%	



MINIMUM EQUIPMENT REQUIREMENT

No.	Equipment Description	Capacity	Number of Equipment	No.	Equipment Description	Capacity	Number of Equipment
1	Dumptruck (10 Wheeler)	12 cu. Yd	6	26			
2	Bullduzer		2	27			
3	Backhoe	0.83 cu.m/1.04 cu. Yd	2	28			
4	Road Grader		2	29			
5	Road Roller	10 mt	2	30			
6	Payloader	1.50 cu.m/1.95 cu.yd	2	31			
7	Water Truck/Pump	16000L	2	32			
8	Water Tank		2	33			
9	Transit Mixer	5-6 cu. Yd	2	34			
10	Portable Screed		1	35			
11	Concrete Vibrator		2	36			
12	Concrete Cutter		2	37			
13	Bar Cutter		1	38			
14	Bar Bender		1	39			
15	Cobcrete Mixer	4-6 cu.ft/min	2	40			
16	Plate Compactor		1	41			
17	Truck Mounted Crane		1	42			
18	Vibro Hammer		1	43			
19	Generator Set		1	44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			
	SUB-TOTAL				SUB-TOTAL		

AS SUBMITTED

AS EVALUATED

AS SUBMITTED

AS EVALUATED

AS SUBMITTED

AS EVALUATED

AS SUBMITTED

1.44%

0.95%

3.51%

5.66%

1,327.00

591.00

1,122,00

cu.m

CII.III

culm

1704(1)b | Embankment from Borrow

1707(1) Aggregate Subbase Course

1710(1)a Grouted Riprap, Class "A"

PART I-B Bank and Slope Protection Works

TOTAL OF PART J



Zamboanga del Norte FORM POW-2015-01C-00 ITEMIZED BREAKDOWN DETAILED BREAKDOWN OF COMPONENT COST FOR EACH ITEM ITEM NO. DESCRIPTION DIRECT COST TOTAL MARK-UP % QTY UNIT 5% VAT TOTAL COST MATERIAL LABOR EQUIPMENT TOTAL % VALUE PART A Facilities for the Engineers AS EVALUATED A.1.1 (3) Const. of Field Office for the Enigneer 56,283,30 18.00% 22,833.92 479,512.37 AS SUBMITTED 0.65% 1.00 ls 300,000.00 30,732.33 387,015.63 69,662.81 AS EVALUATED A.1.1 (11) Prov. Of Furniture, Equipment, & Appliance for Field Engineer AS SUBMITTED 0.46% 1.00 ls. 273,355.07 273,355.07 0.00% 13,667.75 287,022.82 AS EVALUATED A.1.2 (5) Operation & Maintenance of Gov't. Service Vehicles 70,330,50 23,266.53 488.597.03 AS SUBMITTED 0.78% 1.00 ls 395,000.00 465,330.50 0.00% AS EVALUATED TOTAL OF PART A AS SUBMITTED 1.89% 968,355.07 126,613,80 30,732,33 1,125,701.20 69,662.81 59,768.20 1,255,132.21 PART 8 Other General Requirements AS EVALUATED B.4(1)Construction Survey and Staking 0.07% 12,180.00 26,444.15 2,700.00 41,324.15 18.00% 7,438.35 2,438.12 51,200.62 AS SUBMITTED 0.43 km AS EVALUATED 8.5 Project Billboard AS SUBMITTED 10,015.98 0.01% 4.00 6,930.00 1,153.93 8,083.93 18.00% 1,455.11 476.95 unit AS EVALUATED B.7(2)Occupational Safety & Health Program 8.00% 270,864.69 AS SUBMITTED 0.40% 1.00 ls 12,360.00 226,497,75 238,857.75 19,108.62 12,898.32 AS EVALUATED B.9 Mobilization & Demobilization AS SUBMITTED 0.80% 1.00 ls 476,602.00 476,602.00 0.00% 23,830.10 500,432.10 AS EVALUATED TOTAL OF PART B 832,513,39 AS SUBMITTED 1.28% 31,470.00 254,095.82 479,302.00 764,867.82 28,002.07 39,643.49 PART G Drainage and Slope Protection Structures AS EVALUATED 508(1) Handlaid Rock Embankment AS SUBMITTED 20.84% 7,922.00 cu.m 11,058,082.14 1,247,136.69 124,713,67 12,429,932.50 18.00% 2,237,387.85 733,366.02 15,400,686.37 AS EVALUATED TOTAL OF PART G AS SUBMITTED 124,713.67 20.84% 1,247,136.69 12,429,932.50 2,237,387.85 733,366.02 15,400,686.37 11,058,082.14 PARTJ Bank and Slope Protection Works AS EVALUATED 1702(1) Structure Excavation 45,112.75 620,897.92 666.010.67 18,00% 119,881.92 39,294,63 825,187,22 AS SUBMITTED 1.12% 4,169.00 cu.m AS EVALUATED

732,172.25

510,689.01

1,242,861.26

2,619,346.78

4,545.34

2,024.34

51,682,43

447,637,89

122,920.01

54,744.33

798,562.26

309,106.99

859,637.60

567,457.68

2,093,105.95

3,376,091.66

18,00%

18.00%

18,00%

154,734.77

102,142.38

376,759.07

607,696.50

50,718.62

33,480.00

123,493.25

199,189,41

1,065,090.99

703,080.06

2,593,358.27

4,182,977.56

404(1)a	Reinforcing Steel (Grade 40)	AS EVALUATED					T		***************************************				
	temorally occupated	AS SUBMITTED	2.20%	26,759.00	kg	1,160,404.04	83,163.81	69,469.34	1,313,037.19	18.00%	236,346.69	77,469.19	1,626,853.07
404(1)b	Reinforcing Steel (Grade 60)	AS EVALUATED			******		-						-7-2-7-0-0-10-1
(-7-	, , , , , , , , , , , , , , , , , , ,	AS SUBMITTED	0.52%	6,078.00	kg	276,336.27	18,889.71	15,779.16	311,005.14	18.00%	55,980.93	18,349.30	385,335.37
405(1)b1	Structural Concrete, Class A	AS EVALUATED					·					· · · · · · · · · · · · · · · · · · ·	,
	State and an analysis of the state of the st	AS SUBMITTED	11.54%	1,104.90	cu.m	5,427,099.52	1,003,316.19	450,957.24	6,881,372,94	18.00%	1,238,647.13	406,001.00	8,526,021.07
1716(6)	Structural Steel Sheet Piles, Furnished	AS EVALUATED										·	
		AS SUBMITTED	32.93%	8,025.00	m	19,260,000.00	32,153.64	351,767.86	19,643,921.50	18.00%	3,535,905.87	1,158,991.37	24,338,818.74
1716(12)	Structural Steel Sheet Piles, Driven	AS EVALUATED											
	3,5,5,5,5,5,5,5,5,5,5,5,5,5,5,5,5,5,5,5	AS SUBMITTED	19.47%	8,025.00	m	2,592,216.88	564,591.85	8,455,717.10	11,612,525.83	18.00%	2,090,254.65	685,139.02	14,387,919.51
1716 (16)	Steel Sheets Test Piles, Furnished and Driven	AS EVALUATED									-		
		AS SUBMITTED	0.17%	15.00	ln.m	80,499.00	4,397.13	17,920.06	102,816.19	18.00%	18,506.91	6,065.16	127,389.26
	TOTAL OF PART I-B	AS EVALUATED							·				
		AS SUBMITTED	69.76%			31,415,902.48	2,154,150.22	9,670,717.75	43,240,770.45		7,783,338.68	2,551,205.46	53,575,314.58
	GRAND TOTAL	AS EVALUATED											
		AS SUBMITTED	83.59%			44,716,670.95	3,833,678.96	11,104,028.01	59,654,377.93		10,495,150.49	3,507,476.42	73,657,004.84



Construction/Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers, Construction of Flood Control Structure along Dicayo River (Downstream), Barangay Daanglungsod, Katipunan, Zamboanga del Norte

Zamboanga del Norte

SUMMARY OF APPROVED BUDGET FOR THE CONTRACT

FORM POW-2015-02-00

	DESCRIPTION OF WORKS TO BE I	ONE	ECTIMATED DIDECT COCT	1	TOTAL MARK-UP	1/0-			
	DESCRIPTION OF WORKS TO BE	JONE	ESTIMATED DIRECT COST	%	TOTAL DIRECT COST	VAT	TOTAL INDIRECT COST	TOTAL COST	
PART A	Facilities for the Engineers	AS EVALUATED							
TAKLA	radiacs for the Lighteets	AS SUBMITTED	1,125,701.20		69,662.81	59,768.20	129,431.01	1,255,132.21	
PART B	Other General Requirements	AS EVALUATED							
PARTU	Other General Requirements	AS SUBMITTED	764,867.82		28,002.07	39,643.49	67,645.57	832,513.39	
PART G	Drainage and Slope Protection Structures	AS EVALUATED							
PART	Prairiage and Stope Protection Structures	AS SUBMITTED	12,429,932.50		2,237,387.85	733,366.02	2,970,753.87	15,400,686.37	
PART J	Flood Control and Drainage	AS EVALUATED							
PARTJ	Priodd Collidol alid Draillage	AS SUBMITTED	2,093,105.95		376,759.07	123,493.25	500,252.32	2,593,358.27	
DADT T-R	Bank and Slope Protection Works	AS EVALUATED							
PART I-D	bank and Slope Protection Works	AS SUBMITTED	43,240,770.45		7,783,338.68	2,551,205.46	10,334,544.14	53,575,314.58	
	TOTAL	AS EVALUATED				- no too har see film on the con-		22 22	
	IVIAL	AS SUBMITTED	59,654,377.93		10,495,150.49	3,507,476.42	14,002,626.91	73,657,004.84	

Preparation and Submission:

Prepared by:

Checked/Submiletd by:

0

Engineer IV

DPWH RO9

JERALD R. BARRERA ISIDRA A. ESTANISLAO

Engineer II

DPWH RO9

Evaluation:

Reviewed by:

SATURNING C. TORREFRANCA

District Engineer

DPWH RO9

Approval:

Recommending Approva

KHADAFFY D. TANGGOL

Assistant Regional Director

DPWH RO9

Approved:

CAYAMOMBAO D. DIA, CESO IV

egional Director

DPWH RO9



onstruction/Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers, Construction of Flood Control Structure along Dicayo River (Downstream), Barangay Daanglungsod, Katipunan, Zamboanga del Norte

FORM POW-2015-02A-00

ITEM NO	DESCRIPTION		уту	UNIT	ESTIMATED DIRECT COST	1	TOTAL MARK-UP	VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
}				. 1		%	VALUE	-			
PARTA	Facilities for the Engineers	Victory in		88446		10000000				Marka kalenyakan kal	415kg/4446ji/kg/5
A 1 1 (2)	Const. of Field Office for the Enigneer	AS EVALUATED									
M.I.I (3)	Corst of Field Office for the Ethigheer	AS SUBMITTED	1.00	ls	387,015,63	18.00%	69,662.81	22,833.92	92,496.74	479,512.37	479,512.37
A 1 1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	AS EVALUATED	- "								
W1:1 (11)	Prov. Or Furniture, Equipment, & Appliance for Held Engineer	AS SUBMITTED	1.00	is	273,355.07	0.00%	-	13,667.75	13,667.75	287,022,82	287,022.82
A 1 2 /E\	Operation & Maintenance of Gov't, Service Vehicles	AS EVALUATED									
A.1.2 (5)	Operation & Maintenance of Gov t. Service Verticles	AS SUBMITTED	1.00	ls	465,330.50	0.00%	-	23,266.53	23,266.53	488,597.03	488,597.03
	TOTAL OF DADY A	AS EVALUATED									
	TOTAL OF PART A	AS SUBMITTED			1,125,701.20		69,562.81	59,768.20	129,431.01	1,255,132.21	
PART B	Other General Requirements										
5 4/11	Combine Concerned Philips	AS EVALUATED									
8.4(1)	Construction Survey and Staking	AS SUBMITTED	0.43	km	41,324.15	18.00%	7,438.35	2,438.12	9,876.47	51,200.62	119,627.62
B.5	During Pills and	AS EVALUATED									
D. 3	Project Billboard	AS SUBMITTED	4.00	unit	8,083.93	18.00%	1,455.11	476.95	1,932.06	10,015.98	2,504.00
p. 7(2)	Comment of Control of the Market Control	AS EVALUATED									
B.7(2)	Occupational Safety & Health Program	AS SUBMITTED	1.00	ls	238,857.75	8.00%	19,108.62	12,898.32	32,006.94	270,864.69	270,864.69
	Making at a Q D and the at	AS EVALUATED									
B.9	Mobilization & Demobilization	AS SUBMITTED	1.00	ls	476,602.00	0.00%	-	23,830.10	23,830.10	500,432.10	500,432.10
		AS EVALUATED			-						
	TOTAL OF PART B	AS SUBMITTED			764,867.82		28,002.07	39,643.49	67,645.57	832,513.39	
PART G	Drainage and Slope Protection Structures			A Secretary		Paranga.					
508(1)	Handlaid Rock Embankment	AS EVALUATED									
200(1)	nandad Rock Embankment	AS SUBMITTED	7,922.00	cu.m	12,429,932.50	18.00%	2,237,387.85	733,366.02	2,970,753.87	15,400,686.37	1,944.04
	TOTAL OF PART G	AS EVALUATED			-						
	TOTAL OF PART G	AS SUBMITTED			12,429,932.50		2,237,387.85	733,366.02	2,970,753.87	15,400,686.37	
PARTJ	Flood Control and Drainage										
1707(1)	Charles Sandia	AS EVALUATED									
1702(1)	Structure Excavation	AS SUBMITTED	4,169.00	cu.m	666,010.67	18.00%	119,881.92	39,294.63	159,176.55	825,187.22	197.93
1704/11	F-1-1	AS EVALUATED									
1704(1)0	Embankment from Borrow	AS SUBMITTED	1,327.00	cu.m	859,637.60	18.00%	154,734.77	50,718.62	205,453.39	1,065,090.99	802.63
1707/1\	Annuante Subbase Causes	AS EVALUATED									
1101(1)	Aggregate Subbase Course	AS SUBMITTED	591.00	cu.m	567,457 <i>,</i> 68	18.00%	102,142.38	33,480.00	135,622.38	703,080.06	1,189.64
	TOTAL OF BART 1	AS EVALUATED			-						
	TOTAL OF PART 3	AS SUBMITTED			2,093,105.95		376,759.07	123,493.25	500,252.32	2,593,358.27	
PART 1-8	Bank and Slope Protection Works					elektrik deresis Poleskopansker					
1710/11	Can had Diverse Place 951	AS EVALUATED									
1710(1)8	Grouted Riprap, Class "A"	AS SUBMITTED	1,122.00	cu.m	3,376,091.66	18.00%	607,696.50	199,189.41	806,885.91	4,182,977.56	3,728.14

404(1)a	Reinforcing Steel (Grade 40)	AS EVALUATED									
101(1)d	Removeling Steel (Grade 40)	AS SUBMITTED	26,759.00	kg	1,313,037.19	18.00%	236,346.69	77,469.19	313,815.89	1,626,853.07	60.80
404(1)b	Reinforcing Steel (Grade 60)	AS EVALUATED									Parameter State of the State of
101(1)0	Removing Steer (Grade 60)	AS SUBMITTED	6,078.00	kg	311,005.14	18.00%	55,980.93	18,349.30	74,330.23	385,335.37	63.40
405(1)b1	Structural Concrete, Class A	AS EVALUATED									
105(1)51	Suddatal Collete, Class A	AS SUBMITTED	1,104.00	cu.m	6,881,372.94	18.00%	1,238,647.13	406,001.00	1,644,648.13	8,526,021.07	7,722.85
1716(6)	Structural Steel Sheet Piles, Furnished	AS EVALUATED									90
1, 10(0)	Sa actural Seed Street Files, Furnished	AS SUBMITTED	8,025.00	m	19,643,921.50	18.00%	3,535,905.87	1,158,991.37	4,694,897.24	24,338,818.74	3,032.87
1716(12)	Structural Steel Sheet Piles, Driven	AS EVALUATED									
		AS SUBMITTED	8,025.00	m	11,612,525.83	18.00%	2,090,254.65	685,139.02	2,775,393.67	14,387,919.51	1,792.89
1716 (16)	Steel Sheets Test Piles, Furnished and Driven	AS EVALUATED									
1710 (10)	Succi Sheets Test Files, Furnished and Driven	AS SUBMITTED	15.00	ln.m	102,816.19	18.00%	18,506.91	6,066.16	24,573.07	127,389.26	8,492.62
	TOTAL OF PART I-B	AS EVALUATED			•						
	IOIAL OF PART 1-B	AS SUBMITTED			43,240,770.45		7,783,338.68	2,551,205.46	10,334,544.14	53,575,314.58	
	GRAND TOTAL	AS EVALUATED		1	<u></u>						
	SIGNED TOTAL	AS SUBMITTED			59,654,377.93		10,495,150.49	3,507,476.42	14,002,626.91	73,657,004.84	<u> </u>

Preparation and Submission:

-400

Prepared by:

JERALD R. BARRERA

Engineer II DPWH RO9 Checked/Submiletd by:

ISIDRA A. ESTANISLAO

Engineer IV DPWH RO9 Evaluation: Reviewed by:

District Engineer

DPWH RO9

73,657,004.84

Zamboanga del Norte

Item No./Description Const. of Field Office for the Enigneer

1.00 ls 1.00

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated

	(P.Z+HZ+1Z+J1)			Total Offic Cost - As Evaluated	7.2
441,435.01	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	5 5
	5% of (G.2+H2+12)			Tablifie Cost A Cobounted	5 1.
21,020./1	5% of (G.1+H1+11)			Value Added Tax As Submitted	1.1
1	10%/8% of G.1			Conditions Profit - As Evaluated	7.7
28,502.66	10%/8% of G.1			Contractor's Profit - As Submitted	
1	12%/9%/7%/6% of G.1		uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
35,628.33	12%/9%/7%/6% of G.1		mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
1	*			Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
356,283.30				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					i
					E.)
				Equipment	5711200 CH
300,000.00				Sub-Total for F-1 As Submitted	
300,000.00	300,000.00	Р	lumpsum	d, materials	7
				Materials	1
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	E.2
56,283.30				Direct Unit Cost (C.1 ÷D.1) - As Submitted	E.1
ı				Output per Hour - As Evaluated	D.2
1.00				Output per Hour - As Submitted	D.1
1				Total (A.2+B.2) - As Evaluated	C.2
56.283.30				Total (A.1+B.1) - As Submitted	CI
				Sub-Total for B-2 As Evaluated	
					В.2
				Equipment	
30.732.33				Sub-Total for B-1 As Submitted	
5,628 33	2,100,00		,	Minor Tools (10% of Labor Cost)	
19 600 00	2 450 00	20 %		b. Water Truck	
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	173 00	3)	-	Equipment a One Ranger Miyer	77
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
56,283.30				Sub-Total for A-1 As Submitted	
21,675.00	45.16	80	6	d. Laborers	
14,066.10	58.61	80	3	c. Carpenters	
14,066,10	58.61	80	3	b. Masons	1
6,476.10	80.95	80	1	a. Construction Foreman	>
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

JERALD R. BARRERA Engineer II

The same

Checked/Reviewed

Zamboanga del Norte

Item No./Description Prov. Of Furniture, Equipment, & Appliance for Field Engineer

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 1.00 ls 1.00

	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	
5% of (G.Z+HZ+IZ)	5% OI			Total I Init Cost - As Submitted	J.Z
5% of (G.1+H1+I1)	5% 0			Value Added Tax - As Submitted	
10%/8% of G.1				Contractor's Profit - As Evaluated	
10%/8% of G.1				Contractor's Profit - As Submitted	
12%/9%/7%/6% of G.1	129		luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	
1001-1701-1601-of C 1	1300		mitted	Overhead Contingencies & Miscellaneous (OCM) - As Sut	H 1
			i i	Direct Unit Cost (E.1+F.1) - As Submitted	
				Sub-Total for F-2 As Evaluated	
					F.2
				Equipment	
				Sub-Total for F-1 As Submitted	
273,355.07	2	1	lumpsum	a. Office Equipment/Facilities & Supplies	EI
				Materials	
Unit Cost		Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 +D.2) - As Evaluated	E.2
				Direct Unit Cost (C.1 +D.1) - As Submitted	
				Output per Hour - As Evaluated	
				Output ner Hour - As Submitted	
				Total (A.2+B.2) - As Subilitied	CI
				Sub-lotal for 6-2 As Evaluated	2
					5
					B 3
				Equipment	
				Sub-Total for B-1 As Submitted	
					1.8
		5.		Equipment	!
Hourly Rate		No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
				Sub-Total for A-1 As Submitted	
				Labor	A.1
Hourly Rate	표	No. of Hour/s	No. of Person/s	Designation	
	:		:	7	

Prepared by:

Engineer II the the

Checked/Reviewed

Zamboanga del Norte

Item No./Description Operation & Maintenance of Gov't. Service Vehicles

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 1.00 ls 1.00

1	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.2
488,597.03	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	
1	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	1.2
23,266.53	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	1.1
•	10%/8% of G.1			Contractor's Profit - As Evaluated	1.2
•	10%/8% of G.1			Contractor's Profit - As Submitted	
ľ	12%/9%/7%/6% of G.1		luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
	12%/9%/7%/6% of G.1		mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
1				Direct Unit Cost (E.2+F.2) - As Evaluated	
465,330.50				Direct Unit Cost (E.1+F.1) - As Submitted	
1				Sub-Total for F-2 As Evaluated	
					F.2
				Equipment	
395,000.00				Sub-Total for F-1 As Submitted	
****	****			-	
100.000.00	100.000.00	1.00	Is	d. Spareparts etc.	
40,000,00	10,000.00	4.00	DCS IS	C. Tires	
20,000,00	30,000	1,00.00	lo Sul	h Engine Oil & Lubricante	T 1
225 000 00	5000	4 500 00	Pro	Materials a Diacel Fuel	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 +D.2) - As Evaluated	E.2
70,330.50				Direct Unit Cost (C.1 +D.1) - As Submitted	
1				Output per Hour - As Evaluated	
1.00				Output per Hour - As Submitted	
1				Total (A.2+B.2) - As Evaluated	1
70,330.50				Total (A.1+B.1) - As Submitted	_
,				Sub-Total for B-2 As Evaluated	
					B,2
				Equipment	
				oup-rotal for b-1 As submitted	I
				Cub Tatal for B 1 An Cubmitted	
					ļ
				Equipment	P.
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
ı				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
70,330.50				Sub-Total for A-1 As Submitted	
/0,330.50	10.80	1200	-	a. Ja vice Di vei	
70 70 50	59 61	1200	-	a Service Driver	Δ 1
(reduct)					
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Item No./Description ** Construction Survey and Staking

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 0.43 km 1.00

** ** **

K.2	7.7	1 1	7.7	3 =	1	5	ΞĮ.	0.1	2		F.2	1					TI A		E.2	E.1	D.2	D.1	C.2	2		B.2			Ş	D			A.2						A.1				
Total Unit Cost - As Submitted	Value Added Tax - As Evaluated	Value Added Tay As Evaluated	Value Added Tay - As Evaluated	Contractor's Profit - As Submitted	Contractor's Droft As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.1+F.1) - As Subilitied	Direct I hit Cost (E 1 LE 1) As Submitted	Sub-Total for E-2 As Evaluated			Materials	Sub-Total for F-1 As Submitted	Miscellaneous (5% of Materials)		Materials a Chandard Chake Dlan	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 ÷D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted	ar rom contain that completes accounting		Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	b. Skilled Laborer	a Geodetic Engineer	c. Laborer	b. Skilled Laborer	a. Geodetic Engineer	(For Field Works)	Labor	Designation
					Hadrod	luated	mitted									DCS CS	DOG .	Unit												-	No. of Units				ļ	2	-	u	ω	1			No. of Person/s
																115	ž	Quantity												77	No. of Hour/s					80	80	27	27	27			No. of Hour/s
(G.2+H2+I2+J1)	0% OI (U.Z+HZ+IZ)	5% of (G.1:11111)	5% of (G.1+H1+I1)	10%/8% of G 1	10%/8% of G 1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1									40.00	200 00	Unit Cost											100,00	100.00	Hourly Rate					58.61	80.95	45.16	58.61	80.95			Hourly Rate
21,200.02			2.438.12		3 305 03		4.132.41	41,324.13	41 324 15	•				12,180.00	580.00	4,600.00	7 000 00	Amount (Php.)		29,144.15		1.00		29,144.15				2,700.00	-// 00:00	2 700 00	Amount (Php.)				26,444.15	9.377.40	6.476.10	3,657.66	4,747.31	2,185.68			Amount (Php.)

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Item No./Description Project Billboard

4.00 unit 1.00

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated

	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.2
1	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	<u></u>
2+12)	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	3.2
+11)	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	1,1
f G.1	10%/8% of G.1			Contractor's Profit - As Evaluated	17
FG.1	10%/8% of G.1			Contractor's Profit - As Submitted	
of G.1	12%/9%/7%/6% of G.1		luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
୍ର କ	12%/9%/7%/6% of G.1		mitted	Overhead. Contingencies & Miscellaneous (OCM) - As Submitted	H
				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					7.2
					1
				Materials	
			ó	Sub-Total for F-1 As Submitted	
	58.00	1.00	ka	d. Assorted Sizes CWN Nails	
	18 00	1.00	bd ft	c. Assorted Lumber Sizes	
	850.00	1.00	pcs	a. Marine Plywood, 3/6" thk x 4' x 8'	F.1
	Unit Cost	Quantity	Unit	Name and Specification	
)		Niews and Constitution	
				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	E)
				Output per nour - As Evaluated	
				Output per Hour - As Submitted	
				Total (A.2+B.2) - As Evaluated	
				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					В.2
				Equipment	
				Sub-Total for B-1 As Submitted	
				Orb Tabel for D.4. As Colombias	
					8.1
				Equipment	
	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				ERIDOI	
				Lahor	
				Sub-Total for A-1 As Submitted	
	45.16	1	2	c. Laborer	
	58.61	1	2	b. Skilled Laborer	A.1
	80.95	r	1	a. Construction Foreman	
				Labor	
	nouny Rate	No. of Flour's	No. of Person/s	Designation	
	Hourly Date	No of Hourle	No of Derson/s	Decimation	

Prepared by:

JERALO R. BARRERA Engineer II

Checked/Reviewed

nga del Norte

FORM-POW-2015-01D-00

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Occupational Safety & Health Program

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 1.00 ls 1.00

Item No./Description

	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.2
	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	2
	5% of (G.1+H1+II)			Value Added Tax - As Submitted	
	10%/8% of G.1			Contractor's Profit - As Evaluated	_
	10%/8% of G.1			Contractor's Profit - As Submitted	
	12%/9%/7%/6% of G.1		luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
	12%/9%/7%/6% of G.1		mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	_
				Direct Unit Cost (E.2+F.2) - As Evaluated	
				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Sub-10tal for F-1 AS Submitted Materials	
				0	
	100.00	24.00	pcs	C. Rain Coats (Rain Forced, Hip Length Small, Medium & Large)	-
	15,00	24.00	pair	b. Pairs, Working Gloves (Maong Materials)	7.
	400.00	24.00	pair	Materials a. Pairs, Rubber Boots Men, Long with Steel Toe, Black	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	E.2
				Direct Unit Cost (C.1 ÷D.1) - As Submitted	E.1
				Output per Hour - As Evaluated	
				Output per Hour - As Submitted	
				Total (A.2+B.2) - As Evaluated	C.2
				Total (A.1+B.1) - As Submitted	_
				Sub-Total for B-2 As Evaluated	- T
					В.2
				Equipment	
				Sub-Total for B-1 As Submitted	100
				0.1 4.1.1.0.0 4.4.0.4	
					8.1
				Equipment	-
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	(0)
					A.2
				Labor	
				Sub-Total for A-1 As Submitted	- 100
	74.14	1200	2	b. First Aider	A.1
	80.95	600	1	a. Safety Practitioner	ן עם
				Labor	1=
Allo	i rodily racc	No. of Houl/s	No. of Felsony's	near freeze	_
Amount (Dhn)	Hamber Data	NIA AF HAIDE	NA AF DAMANIC	Doctoration	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

ownstream), Barangay Daanglungsod, Katipunan, Zamboanga del Norte

FORM-POW-2015-01D-00

Item No./Description Mobilization & Demobilization

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 1.00 ls 1.00

		_	_	13	1,	_	_	G.1	_	т г	F.2	77	123	 			\perp	E.1 D			C) [B.2		m c	al I	19			SI	7.	3	ıc	اي	 _	Т	A.1	 TE	T
Total Unit Cost - As Evaluated	Total Unit Cost - As Submitted	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Overliedu, colliligencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated			Materials	Sub-Total for F-1 As Submitted		Materials	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 ÷D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Subilitied	Sub-Total for B-2 As Evaluated		segun per recine	auinment	Sub-Total for R-1 As Submitted	a. LAM DEG HORIE	Equipment Trailer	Name and Capacity	Sub-Total for A-2 As Evaluated			Labor	Sub-Total for A-1 As Submitted				Labor	Designation
					indied	mitted										Unit											7	2	No. of Units										No. of Person/s
																Quantity											00	E C	No. of Hour/s										No. of Hour/s
(G.2+H2+I2+J1)	(G.1+H1+I1+I1)	5% of (G.2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	100//90/ of C 1	12%/9%//%/6% of G.1										Unit Cost											4,233.36	00 33C V	Hourly Rate										Hourly Rate
	500.432.10		23,830.10					476,602.00								Amount (Php.)	-	476,602.00		1.00	7/0,002.00	00 CO3 37A			in of our ion	476,602,00	4/0,002.00	476 CO2 OO	Amount (Php.)								1		Amount (Php.)

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Item No./Description Handlaid Rock Embankment

7,922.00 cu.m

3.13

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated

Note: Use Six (6) gangs

SE	1.2	1.1	1.2	I.1	H.2	H	G.2	G.1		F.2	1	-		E				E.2	E.1	D.2	D.1				В.2					8.1				A.2				A.1				
Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		Materials	Sub-Total for F-1 As Submitted			a. Boulders	Materials	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 ÷D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted	Minor Tools (10% of Labor Cost)			Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	c. Laborer	b. Skilled Laborer	a. Construction Foreman	Labor	Designation	
					aluated	bmitted									cu.m		Unit															No. of Units					48	12	1		No. of Person/s	
															1.05		Quantity															No. of Hour/s					1.00	1.00	1.00		No. or Hour/s	
(G.1+H1+I1+J1) (G.2+H2+I2+J1)	5% of (G.2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1								-3	1,329.40		Unit Cost															Hourly Rate					45.16	58.61	80.95		Hourly Kate	
1,749.60		83.31		112.97		141.21	•	1,412.10				1,395.87	r	1	1,395.87		Amount (Php.)	3	16.23	1	200.00		3,246.93				295.18	295.18	1 1			Amount (Php.)				2,951.76	2,167.50	703.31	80.95		Amount (Pnp.)	A

Prepared by:

JEKALD R. BARRERY Engineer II

Checked/Reviewed

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description Structure Excavation

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Fvaluated 4,169.00 cu.m 20.00

Output pe
utput per hour-As Evaluated : -
L.
ı

	(G.2+H2+12+J1)			Total Unit Cost - As Evaluated	K.2
197.93	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	
	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	J.2
9.43	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	3.1
,	10%/8% of G.1			Contractor's Profit - As Evaluated	
12.78	10%/8% of G.1			Contractor's Profit - As Submitted	
1	12%/9%/7%/6% of G.1		luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	
15.98	12%/9%/7%/6% of G.1		mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
-				Direct Unit Cost (E.2+F.2) - As Evaluated	6.2
159.75				Direct Unit Cost (E.1+F.1) - As Submitted	_
				Sub-Total for F-2 As Evaluated	
					7.7
					1
				Materials	
1				Sub-Total for F-1 As Submitted	
					7
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	E.2
159.75				Direct Unit Cost (C.1 ÷D.1) - As Submitted	
				Output per Hour - As Evaluated	
20.00				Output per Hour - As Submitted	
				Total (A.2+B.2) - As Evaluated	
3 105 06				Total (A 1+B 1) - As Submitted	_
					_
					В.2
				Equipment	
2,978.64				Sub-Total for B-1 As Submitted	
21.64				c. Minor Tools (10% of Labor)	
1,537.00	1,537.00	1.00	1	b. Backhoe	1.0
1,420.00	1,420.00	1.00	1	a. Dumptruck	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	(2)
					A.2
				Labor	
216.42				Sub-Total for A-1 As Submitted	
135,47	45.16	1.00	ω	b. Laborer	A 1
80.95	80.95	1.00	-	a. Construction Foreman	ā. I
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
20 CTSMA					

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Embankment from Borrow

Item No./Description

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 1,327.00 cu.m 50.00

	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.2
802.63	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	<u>K</u> 1
t	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	1.2
38.22	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	J.1
	10%/8% of G.1			Contractor's Profit - As Evaluated	1.2
51.82	10%/8% of G.1			Contractor's Profit - As Submitted	I.1
	12%/9%/7%/6% of G.1		ıluated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
64.78	12%/9%/7%/6% of G.1		mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	표.1
1				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
647.81				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	i
				Materials	F)
551./5				Sub-Total for F-1 As Submitted	
551.75	441.40	1.25	cu.m	a. Common Borrow	E
				Materials	_
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	
96,06				Direct Unit Cost (C.1 ÷D.1) - As Submitted	
t				Output per Hour - As Evaluated	
50.00				Output per Hour - As Submitted	
1				Total (A.2+B.2) - As Evaluated	_
4,802.76				Total (A.1+B.1) - As Submitted	2
				Sub-Total for B-2 As Evaluated	
					8.2
				Edubilicii	
				Equipment	I
4,631.50				Sub-Total for R-1 Ac Submitted	
1					
1					
014:00	2,730,00	0.23	-	c. water truck/rump	100
612 50	1,010.00	T.00	-	D. VIDIATORY KOILET	8.1
1.846.00	1 846 00	1.00	- -	a. Motorized Road Grader	-1-
2 173 00	2 172 00	100		Not the Land Device Control of the Land	
				Equipment	11
Amount (Php.)	Hourly Rate	No. of Hour/s	No, of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
1					
					2
				Labor	
171.26				Sub-Total for A-1 As Submitted	(0)
					_
,					
JU:J1	OT.CL.	T.00	2	D. Laborer	A.1
00.33	AE 16	1,00) L	a. Construction Foreman	-
00.00	200	8			_
				Labor	=1
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Item No./Description Aggregate Subbase Course

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 591.00 cu.m 50.00

Ĭ	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.2
(G.1+H1+I1+J1)	(G.1			Total Unit Cost - As Submitted	K.1
5% of (G.2+H2+I2)	5% of (Value Added Tax - As Evaluated	
5% of (G.1+H1+I1)	5% of (Value Added Tax - As Submitted	
10%/8% of G.1	10			Contractor's Profit - As Evaluated	
10%/8% of G.1	10%			Contractor's Profit - As Submitted	_
12%/9%/7%/6% of G.1	12%/9%		luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	_
120%/90%/70%/60% of G.1	120%/90%		mitted	Direct Offices (e.z+r.z) - As Evaluated	7 197
				Direct Unit Cost (E.1+F.1) - As Submitted	_
				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
				Sub-Total for F-1 As Submitted	
751.40	75:	1.15	cu.m	a. Aggregate Subbase Course	7
		Security	Sin	Materials	
Unit Cost	Unit	Ouantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	E.2
				Output per Hour - As Evaluated	
				Output per Hour - As Submitted	_
				Total (A.2+B.2) - As Evaluated	-
				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	-
					В.2
				Equipment	
				Sub-Total for B-1 As Submitted	
0.00	2,450.00	0.25		c. Water Truck/Pump	
5.00	1,846.00	1.00	. -	b. Vibratory Roller	B.1
3.00	2,173.00	1.00	1	a. Motorized Road Grader	
				Equipment	
Rate	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
				Sub-Total for A-1 As Submitted	
10	3	F100	1	e, most or e	
16	45 16	1.00	2	b. Laborer	<u> </u>
3	80.95	1 00	1	a. Construction Foreman	n. !
				Labor	11
Rate	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
				The second secon	

Prepared by: JERALD R. BARRERA Engineer II

Checked/Reviewed

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Item No./Description Grouted Riprap, Class "A"

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 1,122.00 cu.m 1.25

Note: Use Four (4) gangs

	tted ted 3d	ted ted 3d	tted ted 3d	Value Added Tax - As Submitted Value Added Tax - As Evaluated Total Unit Cost - As Submitted Total Unit Cost - As Evaluated
5% of (G.1+H1+I1) 5% of (G.2+H2+I2)				Value Added Tax - As Submitted Value Added Tax - As Evaluated
10%/8% of G.1				Contractor's Profit - As Evaluated
\text{ls Submitted} \text{12%/9%/7%/6% of G.1.} \text{ls Evaluated} \text{12%/9%/9%/7%/6% of G.1.} \text{ls Evaluated} \text{12%/9%/9%/9%/7%/6% of G.1.} \text{ls Evaluated} 12%/9%/9%/9%/9%/9%/9%/9%/9%/9%/9%/9%/9%/9%	s Submitted	s Submitted	ls Eva	H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated
				G.2 Direct Unit Cost (E.2+F.2) - As Evaluated
				Materials
				Sub-Total for F-1 As Submitted
Cu.m 1.05 1,329.40		cu.m		Miscellaneous (1% of Materials Cost)
0.02		sq.m		e. Filter Cloth
m 0.30 133.00		m		d. Weep Holes
		cu.m		F.1 c. Gravel Fill
0.21		cu.m		b. Sand
bag 2.50 277.17		bag		a. Portland Cement
Unit Quantity Unit Cost		Unit	1	Name and Specification
				Direct Unit Cost (C.2 ÷D.2) - As Evaluated
				Direct Unit Cost (C.1 ÷D.1) - As Submitted
				Output per Hour - As Evaluated
				Output per Hour - As Submitted
				Total (A.2+B.2) - As Evaluated
				Total (A.1+B.1) - As Submitted
				Sub-Total for B-2 As Evaluated
				B.2
			+	Equipment
			\vdash	Sub-Total for B-1 As Submitted
			-	
			_	Minor Tools (10% of Labor Cost)
4 0.05 2,450.00	-	4 4		b. Water Truck/Pump
				Equipment Programment
No. of Units No. of Hour/s Hourly Rate		No. of Units	-	Name and Capacity
			-	Sub-Total for A-2 As Evaluated
			_	A.2
				Labor
				on-Total for A-1 As subilitied
			1 1	
32 1.00 45.16		32		c. Laborer
8 1.00 58.61		8		b. Skilled Laborer
1 1.00 80.95		-		a. Construction Foreman
				Labor
No. of Person/s No. of Hour/s Hourly Rate		No. of Person/s		Designation
Total Control	\neg	Aller and the second	- 1	

JEKALD R. BARRERA Engineer II

Prepared by:

Checked/Reviewed

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Rem No./Description Reinforcing Steel (Grade 40)

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 26,759.00 kg 180.00

Prepared by:

JEKALD R. BARRERA Engineer II

Checked/Reviewed

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Item No./Description Reinforcing Steel (Grade 60)

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 6,078.00 kg 180.00

(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated
			Total Unit Cost - As Submitted
5% of (G.2+H2+I2)			Value Added Tax - As Evaluated
5% of (G.1+H1+I1)			Value Added Tax - As Submitted
			Contractor's Profit - As Submitted
12%/9%/7%/6% of G.1		luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated
		omitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted
			Direct Unit Cost (E.2+F.2) - As Evaluated
			Direct Unit Cost (F.1+F.1) - As Submitted
			Sub-Total for F-2 As Evaluated
			Materials
			Sub-Total for F-1 As Submitted
	1.05	kg	b. Reinforcing Steel Bar, Grade 40
	0.02	kg	a. Tie Wire
			Materials
	Quantity	Unit	Name and Specification
			Direct Unit Cost (C.2 ÷D.2) - As Evaluated
			Direct Unit Cost (C.1 +D.1) - As Submitted
			Output per Hour - As Evaluated
			Output per Hour - As Submitted
			Total (A.1+B.1) - As Submitted
			Sub-Total for B-2 As Evaluated
			Equipment
			Sub-Total for B-1 As Submitted
			9
	0.15	 1	c. Cargo Truck
	0.50	ь.	b. Bar Bender
	0.50	-	Equipment a Rar Cutter
	No. of Hour/s	No. of Units	Name and Capacity
			Sub-Total for A-2 As Evaluated
			Labor
1			Sub-Total for A-1 As Submitted
1 1			
	T,00	a	c. Laborer
	1.00	2	b. Skilled Laborer
	1.00	1	a. Construction Foreman
			Labor
Hourly Rate	No. of Hour/s	No. of Person/s	Designation

Prepared by: JERALD R. BARRERA Engineer II

Checked/Reviewed

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Item No./Description .. Structural Concrete, Class A

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 1,104.00 cu.m 1.40

K2	5 6	1.2	1.1	1.2	11	H	±	6.1		F.2	1	T				:	F				E.2	E.1	D.2	D.1	C.2	C.1		B.2		T			-	B				A.2		T				_	A.1				
Total Unit Cost - As Evaluated	Total Hait Coct - As Submitted	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Culhmitted	Overhead Contingencies & Miscellaneous (OCM) - As Sublititied	Overhead Contingencies & Miscellangous (OCM) - As Suba	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		Piacciais	Materials	Sub-Total for F-1 As Submitted	e, sand	d. cement			a. Lumber, Good	Materials	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 ÷D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		Equipileit	Sub-Total for B-1 AS Subflitted	Minor Tools (5% of Labor Cost)	c. Water Truck/Pump			Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Lapor	Sub-rotal for A-1 As Submitted	b. Laborer	a. Skilled Laborer	Installation/Removal of Formworks	c, Laborer	b. Skilled Laborer	a. Construction Foreman	TOTAL VI	Labor	Designation
					dated	illined	mitted						cu.m	cu.m	bag	kg	рс	hd.ft		Unit												1	1	1		No. of Units					8	4		8	4	н			No. of Person/s
													1.00	0.50	9.50	0.70	0.40	17.50		Quantity												0.10	1.00	1.00		No. of Hour/s					1.00	1.00		1.00	1.00	1.00			No. of Hour/s
(G.2+H2+I2+J1)	(C1, H1, H1, H1)	5% of (G 2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	100/180/ of C1	1796/996/796/996 of G.1	1206/006/706/606 of C 1						801.40	801.40	277.17	58.00	850.00	40.00		Unit Cost												2,450.00	91.25	172.00		Hourly Rate					45.16	58.61		45.16	58.61	80.95	4		Hourly Rate
1,722.85	777 05	1	367.75	130,03	708 65	TC:CZO	622.21	6,233.13	2			4,915.85	801.40	400.70	2,633.15	40.60	340.00	700.00		Amount (Php.)		1,317.28	1	1.40	-	1,844,19				571.87	63.62	245.00	91.25	172.00		Amount (Php.)				1,272.32	361.25	234.44	ī	361.25	234.44	80.95			Amount (Php.)

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Structural Steel Sheet Piles, Furnished

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated

Item No./Description

8,025.00 m 72.00

Overhead, Contingencies & Miscel Overhead, Contingencies & Miscel					2 1	
Direct Unit Cost (E.2+F.2) - As Evaluated Overhead, Contingencies & Miscellaneous (OCM) - As Submitted Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	As Evaluated (F 1+F 1) - As Submitted	As Submitted As Evaluated As Evaluated As Evaluated	Name and Specification Materials a. Steel Sheet Pile KSP II (delivered at site) Sub-Total for F-1 As Submitted Materials Materials Sub-Total for F-2 As Evaluated Sub-Total for F-2 As Evaluated	Equipment Sub-Total for B-2 As Evaluated Total (A.1+B.1) - As Submitted Total (A.2+B.2) - As Evaluated Output per Hour - As Submitted Output per Hour - As Submitted Direct Unit Cost (C.1 +D.1) - As Submitted Direct Unit Cost (C.2 +D.2) - As Evaluated Direct Unit Cost (C.9 +D.2) - As Evaluated Name and Specification Materials a. Steel Sheet Pile KSP II (delivered at site) Sub-Total for F-1 As Submitted Materials Sub-Total for F-2 As Evaluated Sub-Total for F-2 As Evaluated Sub-Total for F-2 As Evaluated	Name and Capacity I Crane Gof Labor Cost) As Submitted As Submitted As Submitted As Evaluated As Evaluated C.1 +D.1) - As Submitted (C.2 +D.2) - As Evaluated KSP II (delivered at site) KSP II (delivered at site) As Submitted As Submitted	As Evaluated As Evaluated Name and Capacity As Evaluated As Submitted As Submitted As Submitted C.1 +D.1) - As Submitted (C.2 +D.2) - As Evaluated (C.3 +D.2) - As Evaluated As Submitted As Submitted As Submitted As Submitted As Submitted As Submitted As Evaluated As Evaluated As Evaluated As Submitted
- As Submitted - As Evaluated		kg	Unit kg	Vnit	No. of Units 1 1 Unit	No. of Units 1 1 kg
		48.00	Quantily 48.00	Quantity 48.00	No No	
12%/9%/7%/6% of G.1 12%/9%/7%/6% of G.1		50.00	Unit Cost 50.00	Unit Cost 50.00	3,127.20 Unit Cost	Hourly Rat 3,127.20 Unit Cost
G.1 G.1	2	2,400.00 2,400.00 2,400.00	Amount (Ph	Amount (Ph	Amount (Ph	Amount (Ph

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Structural Steel Sheet Piles, Driven

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 8,025.00 m 10.00

Item No./Description

S	J.2	1.1	I.2	I.1	H.2	H.1	G.2	G.1		F.2	T		Sin on		;	Ţ			E.2	E.1	D.2	D.1	C.2	C1		B)					5	л -					A.2					A				
Total Unit Cost - As Evaluated	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated	- HARRITORIA	Materials	Sub-Total for E-1 As Submitted	Micrellaneous (70% of Materials)	d. Good Lumber	c. Coco Logs	b. Oxy/Acetylene	Materials a. Welding Rod	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 ÷D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated	Equipment	Sub-Total for B-1 AS Submitted	Minor Tools (10% of Labor Cost)	e. Cutting Outfit	d. Welding Machine	c. Generator Set	b. Vibro Hammer	a. Truck Mounted Crane	Fauinment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted		C. Laborer	b. Skilled Laborer	a. Construction Foreman	Labor	Designation	
					luated	mitted						Ų.	Š	3	set	kg	3	Unit											1	ì	ь	н		0.00	No. of Units					c	ם ת	ות	-		No. of Person/s	
												0.10	0.16	1.00	0.02	0.05	1.00	Quantity											0.50	1.00	1.00	1.00	1.00	no. of front	No. of Hour/s					1.00	1 00	1 00	1 00		No. of Hour/s	N Contraction
(G.2+H2+I2+J1)	5% of (G.2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1						00,00	65.00	40.00	436.00	2,500.00	138,00	Unit Cost											45.45	539.00	2,659.44	4,118.00	3,127.20	inouity issues	Hourly Rate					75.10	45 16	58 61	80.05		Hourly Rate	
1,797.93		85.62	1	116.09	3	145.11	3 5	1,451.11	1		327,00	00 ZCC	10.40	40.00	8.28	120.00	138.00	Amount (Php.)	1	1,124.03		10,00	1	11.240.26			10,536.72	70.35	22.73	539,00	2,659.44	4,118.00	3,127.20	Contractive (1 mps.)	Amount (Php.)				703.54	270.94	370.04	351 65	20 02		Amount (Php.)	

Prepared by:

JERAKD R. BARRERA Engineer II

Checked/Reviewed

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Item No./Description . . Steel Sheets Test Piles, Furnished and Driven

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated -- -- --15.00 ln.m 2.40

,	(9.211212131)			I OMI OTHE COSE TO EVALUATION	7.17
8,492.62	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	5.1
t	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	J.2
404.41	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	J.1
	10%/8% of G.1			Contractor's Profit - As Evaluated	1.2
548.35	10%/8% of G.1			Contractor's Profit - As Submitted	I.1
	12%/9%/7%/6% of G.1		uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
685,44	12%/9%/7%/6% of G.1		mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
2/20				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
6,854,41				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
				Materials	F.2
5,366.60				Sub-Total for F-1 As Submitted	
10.40	65.00	0.16	kg	e. Nail/Spike	
640 00	40.00	16.00	B K	d. Good Lumber	
741 70	2,500.00	1 70	KQ KQ	c. Coco Loas	F.1
3,850.00	3,850.00	1.00	3 3	h Owi/Acetiene	
				Materials	-
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 +D.2) - As Evaluated	E.2
1,487.81				Direct Unit Cost (C.1 +D.1) - As Submitted	E.1
				Output per Hour - As Evaluated	D.2
2.40				Output per Hour - As Submitted	D.1
3,370.73				Total (A.2+B.2) - As Evaluated	C.2
3E 0E3 C				Total (A 1+B 1) - As Submitted	2
				Sub-Total for R-2 As Evaluated	6.2
				Equipment	3
2,867.21				Sub-Total for B-1 As Submitted	
35.18				Minor Tools (5% of Labor Cost)	
3,64	45.45	0.08	1	e. Cutting Outfit	
43.12	539.00	0.08	r	d. Welding Machine	
650.00	5,000.00	0.13	1		1.0
321.50	1,286,00	0.25	Ĺ		D -
1 813 78	3 127 20	0.58	-	a. Truck Mounted Crane	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
	-	N 25 11	No of Init	Name and Canacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
703.54				Sub-Total for A-1 As Submitted	
					en alto Contropolo
270.94	45.16	1.00	6	c. Laborer	
351.65	58.61	1.00	6	_	A.1
80.95	80.95	1.00	—		
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
M. Charles of the Control of the Con	The state of the s				

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed