

Project

REGION IX

PROGRAM OF WORK/BUDGET COST

		FORM POW-2015-	01-00
60	ln.m	0.36	km
	ln.m		km
_	-		
aler	ndar Days		-

Project ID

Location

Station Limits

Source of Funds

A: Facilities for the Engineers

D: Subbase and Base Course

C: Earthworks

E: Surface Courses

I: Provisional Sum

J: Daywork

F: Bridge Construction

H: Miscellaneous Structure

B: Other General Requirements

G: Drainage and Slope Protection Structures

0000+000.00 - 0000+484.50

Zamboanga del Norte

City, Zamboanga del Norte

CY-2019

Construction of New Permanent Bridges Polo Bridge along Jct. Polo - Dapitan Park National Road, Dapitan

AS SUBMITTED AS EVALUATED DESCRIPTION OF WORKS TO BE DONE QUANTITY UNIT % TOTAL TOTAL DIRECT COST % TOTAL TOTAL DIRECT COST 1.53% 1,256,811.91 1.56% 1,279,376.86 2,40% 1,969,554.43 0.13% 105,717.80 0.00% 94.38% 77,460,870.74 0.00% 0.00% . 0.00% -0.00%

Net Length

Target Start Date

Unworkable Days

Total Project Duration

No. of Pre-determined

: (a) Brdg

(b) Road (c) Others

261

58

Calendar Days

Calendar Days

AS SUBMITTED

82,072,331.75

14,427,668.25

4,825,000.00

3,546,375.00

105,000,000.00

0.00 128,625.00 AS EVALUATED

EQUIPMENT:

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

BREAKDOWN OF EXPENDITURES:

	AS SUBMITTED	AS EVALUATED
1. Labor	2,579,999.26	
2. Materials	52,792,879.28	
3. Rental of Equipment	26,699,453.21	
4. Provisional Sum/Daywork	- 1	
5. OCM and Profit	14,427,668.25	
6. Value Added Tax	4,825,000.00	
7. EAO, 3.5%	3,546,375.00	
8. RROW Acquisition	0.00	
9. Physical Reseved (Contigency)	128,625.00	
10. TOTAL ESTIMATED COST	105,000,000.00	

105,000,000.00

Evaluation:

Reviewed by:

Approval:

Recommending Approval

Approved:

JERALD R. BARRERA

Preparation and Submission:

Prepared by:

Engineer IV DPWH RO9

Checked/Submiletd by:

District Engineer

DPWH RO9

TURNINO 9. TORREFRANCA

KHADAFFY D. TANGGOL Assistant Regional director DPWH ROS

A. Total Direct Cost

C. Value Added Tax

D. Total Construction Cost

E. Eng'g. & Administrative Overhead F. RROW Acquisition

G. Physical Reserved (Contingency)

H. TOTAL ESTIMATED COST

B. OCM and Profit

Regional Director

DPWH RO9

CAYAMOMBAO D. DIA, CESO IV

Zamboanga del Norte

FORM POW-2015-01A-00

ITEMIZED BREAKDOWN

						DIRECT	COST		TOTAL U	NIT COST	% DIRECT
ITEM NO.	DESCRIPTION	QUAI	ALLIA	UNIT	тоти	AL	UNIT	COST	то	TAL	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	444 ,228.53		444 ,228.53		550,399.15		0.54%
A.1.1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	1.00		ls	300,000.00		300,000.00		315,000.00		0.37%
A.1.2 (5)	Operation & Maintenance of Gov't. Service Vehicles	1,00		ls	512,583.38		512,583.38		538,212.55		0.62%
	TOTAL OF PART A				1,256,811.91						1.53%
PART B	Other General Requirements										
B.4(1)	Construction Survey and Staking	0.36		km	41,324.15		114,789.30		142,223.95		0.05%
B.5	Project Billboard	4.00		unit	9,751.33		2,437.83		3,020.47		0.01%
B.7	Occupational Safety & Health Program	1.00		ls	275,097.39		275,097.39		311,960.44		0.34%
8.9	Mobilization & Demobilization	1.00		ls	953,204.00		953,204.00		1,000,864.20		1.16%
	TOTAL OF PART B				1,279,376.86						1.56%
PART C	Earthworks										
104(5)	Boulder Fill	1,286.68		cu.m	1,969,554.43		1,530.73		1,896.57		2.40%
	TOTAL OF PART C				1,969,554.43						2.40%
PART D	Subbase and Base Course										
200(1)	Aggregate Subbase Course	98.18		cu.m	105,717.80		1,076.78		1,334.12		0.13%
***************************************	TOTAL OF PART D				105,717.80						0.13%
PART F	Bridge Construction										
400(17)h	Concrete Piles Cast in Drilled Holes	105.00		ln.m	5,265,549.11		50,148.09		62,133.48		6.42%
400(1 <i>7</i>)i	Concrete Piles Cast in Drilled Holes	709.00		ln,m	39,335,778.51		55,480.65		68,740.52		47.93%
400(23)h2	Permanent Casing	72.00		ln.m	2,023,503.16		28,104.21		34,821.12		2.47%
400(23)i2	Permanent Casing	456.00		ln.m	15,480,734.46		33,948.98		42,062.79		18.86%
400(26)a	Pile Integrity Testing	7.00		each	3,029,767.09		432,823.87		536,268.78		3.69%
400(27)	High Strain Dynamic Testing (PDA)	2.00		each	232,190.35		116,095.18		143,841.92		0.28%
403(5)a1	Structural Steel, Furnished, Fabricated and Erected	272,688.90		kg	12,093,348.06		44.35		54.95		14.73%
	TOTAL OF PART F				77,460,870.74						94.38%
	GRAND TOTAL				82,072,331.75						100.00%



ion of New Permanent Bridges Polo Bridge along Jo o - Dapitan Park National Road, Dapitan City, Zamboanga del Norte

Zamboanga del Norte

FORM POW-2015-018-00

MINIMUM EQUIPMENT REQUIREMENT

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



construction of New Permanent Bridges Polo Bridge along Jct. Polo - Dapítan Park National Road, Dapítan City, Zamboanga del Norte Zamboanga del Norte

FORM POW-2015-01C-00

					ITE	MIZED BREAKD	OWN						
							DETAILED BE	REAKDOWN OF C	OMPONENT CO	ST FOR EA	CH ITEM		
ITEM NO	DESCRIPTION		%	QTY	110155		DIREC	T COST		тот	AL MARK-UP		
			310	QIT	UNIT	MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE	5% VAT	TOTAL COST
PART A	Facilities for the Engineers											***************************************	***************************************
A.1.1 (3)	Const. of Field Office for the Enigneer	AS EVALUATED											
	and an area area.	AS SUBMITTED	0.54%	1.00	ls	357,212.90	56,283.30	30,732.33	444,228.53	18.00%	79,961.14	26,209.48	550,399.1
A.1.1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	AS EVALUATED											
		AS SUBMITTED	0_37%	1.00	ls	300,000.00	-	7	300,000.00	0.00%	-	15,000.00	315,000.0
A.1.2 (5)	Operation & Maintenance of Gov't. Service Vehicles	AS EVALUATED										·	, , , , , , , , , , , , , , , , , , , ,
		AS SUBMITTED	0.62%	1.00	ls	431,000.00	81,583.38	-	512,583.38	0.00%	-	25,629.17	538,212.5
	TOTAL OF PART A	AS EVALUATED											
		AS SUBMITTED	1.53%			1,088,212.90	137,866.68	30,732.33	1,256,811.91		79,961.14	66,838.65	1,403,611.7
PART B	Other General Requirements												
B.4(1)	Construction Survey and Staking	AS EVALUATED											
		AS SUBMITTED	0.05%	0,36	km	12,180.00	26,444.15	2,700.00	41,324.15	18.00%	7,438.35	2,438.12	51,200.62
B.5	Project Billboard	AS EVALUATED			ا ا								, , , , , , , , , , , , , , , , , , , ,
		AS SUBMITTED	0.01%	4.00	unit	8,597.40	1,153.93	-	9,751.33	18.00%	1,755.24	575.33	12,081.89
B. 7	Occupational Safety & Health Program	AS EVALUATED											
	ossapasona ostaty w realar 1 10graffi	AS SUBMITTED	0.34%	1.00	ls	12,360.00	262,737,39	-	275,097.39	8.00%	22,007.79	14,855.26	311,960.44
B.9	Mobilization & Demobilization	AS EVALUATED											
	Tiobacción de Davidadon	AS SUBMITTED	1.16%	1.00	ls	-	-	953,204.00	953,204.00	0.00%	-	47,660.20	1,000,864.20
	TOTAL OF PART B	AS EVALUATED											
		AS SUBMITTED	1.56%			33,137.40	290,335.46	955,904.00	1,279,376.86		31,201.38	65,528.91	1,376,107.15
PARTC	Earthworks												
104(5)	Boulder Fill	AS EVALUATED											
		AS SUBMITTED	2.40%	1,286.68	cu.m	1,892,706.28	3,018.45	73,829.70	1,969,554.43	18.00%	354,519.80	116,203.71	2,440,277.94
	TOTAL OF PART C	AS EVALUATED											
	TOTAL CALL	AS SUBMITTED	2.40%			1,892,706.28	3,018.45	73,829.70	1,969,554.43		354,519.80	116,203.71	2,440,277.94
ART D	Subbase and Base Course												
200(4)	Annual Caller Comment	AS EVALUATED										<u> </u>	
200(1)	Aggregate Subbase Course	AS SUBMITTED	0.13%	98.18	cu.m	96,287.09	336,29	9,094.41	105,717.80	18.00%	19,029.20	6,237.35	130,984.35
	***************************************	AS EVALUATED									,	.,	
	TOTAL OF PART D	AS SUBMITTED	0.13%			96,287.09	336.29	9,094.41	105,717,80		19,029.20	6,237,35	130,984.35
ARTF	Bridge Construction			···							,	,	
100/17/	A	AS EVALUATED											
₩VU(1/)ħ	Concrete Piles Cast in Orilled Holes	AS SUBMITTED	5.42%	105.00	ln.m	2,713,015.21	167,633.49	2,384,900.41	5,265,549.11	18.00%	947,798.84	310,667.40	6,524,015.35
400(17):	Constant Piles Court in Deille-Hiller	AS EVALUATED					·					, , ,	15 4.32
400(T\3)	Concrete Piles Cast in Drilled Holes	AS SUBMITTED	47.93%	709.00	ln.m	19,967,166.49	1,236,712.03	18,131,900.00	39,335,778.51	18.00%	7,080,440.13	2,320,810.93	48,737,029,57

			····										
400(23)i2	Permanent Casing	AS EVALUATED											
		AS SUBMITTED	18.86%	456.00	ln.m	13,585,847.40	178,242.42	1,716,644.64	15,480,734.46	18.00%	2,786,532.20	913,363.33	19,180,630.00
400(23)b2	Permanent Casing	AS EVALUATED											
100(23)112	r cissancia Casing	AS SUBMITTED	2.47%	72.00	ln.m	1,799,108.64	21,107.66	203,286.87	2,023,503.16	18.00%	364,230.57	119,386.69	2,507,120.42
400/26\2	Pile Integrity Testing	AS EVALUATED					,,						
400(20)a	File Megricy Tesuring	AS SUBMITTED	3.69%	7.00	each	2,969,495.45	1,372.86	58,898.79	3,029,767.09	18.00%	545,358,08	178,756.26	3,753,881.43
400/27\	High Strain Dynamic Testing (PDA)	AS EVALUATED				1		·					
100(27)	Tagit Shall Dynamic Tesung (FDA)	AS SUBMITTED	0.28%	2.00	each	78,884.17	4,475.35	148,830.84	232,190.35	18.00%	41,794.26	13,699.23	287,683,85
403(5)=1	Structural Steel, Furnished, Fabricated and Erected	AS EVALUATED											
-105(J)GI	Soldens Seed, Furnished, Fabricated and Elected	AS SUBMITTED	14.73%	272,688.90	kg	8,569,018.26	538,898.57	2,985,431.23	12,093,348.06	18.00%	2,176,802.65	713,507.54	14,983,658.24
	TOTAL OF PART F	AS EVALUATED											
	TOTAL OF PARTY	AS SUBMITTED	94.38%			49,682,535.61	2,148,442.37	25,629,892.77	77,460,870.74		13,942,956.73	4,570,191.37	95,974,018.85
	GRAND TOTAL	AS EVALUATED											
	GRAND TOTAL	AS SUBMITTED	100.00%			52,792,879.28	2,579,999.26	26,699,453.21	82,072,331.75		14,427,668.25	4,825,000.00	101,325,000.00





Construction of New Permanent Bridges Polo Bridge along Jct. Polo - Dapitan Park National Road, Dapitan City, Zamboanga del Norte Zamboanga del Norte

SUMMARY OF APPROVED BUDGET FOR THE CONTRACT

FORM POW-2015-02-00

	DECERTATION OF WORKS TO	DE DONE	ECTIMATED DIDECT COCT	1	TOTAL MARK-UP	VAT	TOTAL INDIRECT COST	TOTAL COST
	DESCRIPTION OF WORKS TO	BE DONE	ESTIMATED DIRECT COST	%	TOTAL DIRECT COST	VAI	TOTAL INDIRECT COST	TOTAL COST
PART A	Facilities for the Engineers	AS EVALUATED						
PARTA	ractitues for the Engineers	AS SUBMITTED	1,256,811.91		79,961.14	66,838.65	146,799.79	1,403,611.70
DADT P	Other Canaval Basisinaments	AS EVALUATED						
PART B	Other General Requirements	AS SUBMITTED	1,279,376.86		31,201.38	65,528.91	96,730.29	1,376,107.15
DARTC	Earthworks	AS EVALUATED						
PARIC		AS SUBMITTED	1,969,554.43		354,519.80	116,203.71	470,723.51	2,440,277.94
DARTE	Cabbase and Base Course	AS EVALUATED						
PART D	Subbase and Base Course	AS SUBMITTED	105,717.80		19,029.20	6,237.35	25,266.55	130,984.35
DADTE	Bridge County office	AS EVALUATED						
PART F	Bridge Construction	AS SUBMITTED	77,460,870.74		13,942,956.73	4,570,191.37	18,513,148.11	95,974,018.85
	TOTAL	AS EVALUATED						
	TOTAL	AS SUBMITTED	81,966,613.95		14,408,639.04	4,818,762.65	19,227,401.69	101,194,015.65

Preparation and Submission:

Prepared by:

Checked/Submiletd by:

ISIDRA Á. ESTANISLAO

Engineer IV

DPWH RO9

JERALD R. BARRERA

Engineer II

DPWH RO9

Evaluation:

Reviewed by:

SATURNINO C. TORREFRANCA

District Engineer

DPWH RO9

Approval:

Recommending Approval

KHADAFPKD TANGGOL

Assistant Regional Director

DPVVIII NOS

Approved:

CAYAMOMBAD D. DIA, CESO IV

Regional Director

DPWH RO9





Construction of New Permanent Bridges Polo Bridge along Jct. Polo - Dapitan Park National Road, Dapitan City, Zamboenga del Norte Zamboenga del Norte

FORM POW-2015-02A-00

ITEM NO.	DESCRIPTION		QTY	UNIT	ESTIMATED DIRECT COST	7	OTAL MARK-UP	VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						%	VALUE				
PART A	Facilities for the Engineers										
* 1 4 (7)		AS EVALUATED									
W-T'T (2)	Const. of Field Office for the Enigneer	AS SUBMITTED	1.00	ls	444,228.53	18.00%	79,961.14	26,209.48	106,170.62	550,399.15	550,399.15
5 1 1 /11X	Dury Of Europhuro Estimated & Appliance for Sold Engineer	AS EVALUATED	CONTROL OF THE CONTRO				The state of the s				
W-1/4 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	AS SUBMITTED	1.00	ls	300,000.00	0.00%	4	15,000.00	15,000.00	315,000.00	315,000.00
A 1 7 (E)	Operation & Maintenance of Gov't. Service Vehicles	AS EVALUATED									
W.T. (2)	Operation & Plantenance of GoV L Service Vehicles	AS SUBMITTED	1.00	ls	512,583.38	0.00%	-	25,629.17	25,629.17	538,212.55	538,212.55
	TOTAL OF PART A	AS EVALUATED									
	TOTAL OF PART A	AS SUBMITTED			1,256,811.91		79,961.14	66,838.65	146,799.79	1,403,611.70	
PARTB	Other General Requirements										
R 4/11	Construction Survey and Stating	AS EVALUATED									
B.4(1)	Construction Survey and Staking	AS SUBMITTED	0.36	km	41,324.15	18.00%	7,438.35	2,438.12	9,876.47	51,200.62	142,223.95
B.5	Project Billboard	AS EVALUATED				<u> </u>					
0,5	Troject biliboard	AS SUBMITTED	4.00	unit	9,751.33	18.00%	1,755.24	575.33	2,330.57	12,081.89	3,020.47
B.7	Occupational Safety & Health Program	AS EVALUATED									
	Cocupational Safety & Fical of Frogram	AS SUBMITTED	1,09	ls	275,097.39	8.00%	22,007.79	14,855.26	36,863.05	311,960.44	311,960.44
B.9	Mobilization & Demobilization	AS EVALUATED									
5 ,5	Problizatori di Devisobilizationi	AS SUBMITTED	1.00	ls	953,204.00	0.00%		47,660.20	47,660.20	1,000,864.20	1,000,864.20
	TOTAL OF PART B	AS EVALUATED			-						
	TOTAL OF TAKE O	AS SUBMITTED			1,279,376.86		31,201.38	65,528.91	96,730.29	1,376,107.15	
PARTC	Earthworks		300000000000000000000000000000000000000	friendlie							
104(5)	Boulder Fill	AS EVALUATED									
20 1(0)	500:00: (1)	AS SUBMITTED	1,286.68	cu.m	1,969,554.43	18.00%	354,519.80	116,203.71	470,723.51	2,440,277.94	1,896.57
ļ	TOTAL OF PART C	AS EVALUATED			-						
	, , , , , , , , , , , , , , , , , , , ,	AS SUBMITTED			1,969,554.43		354,519.80	116,203.71	470,723.51	2,440,277.94	
PART D	Subbase and Base Course	5500000000	\$5.000054-6540V	in Arrests							
200(1)	Aggregate Subbase Course	AS EVALUATED									
200(2)	793, 3344 3435 252	AS SUBMITTED	98.18	cu.m	105,717.80	18.00%	19,029.20	6,237.35	25,266.55	130,984.35	1,334.12
	TOTAL OF PART D	AS EVALUATED			-						
		AS SUBMITTED			105,717.80		19,029.20	6,237.35	25,266.55	130,984.35	
PARTF	Bridge Construction										
400(17)h	Concrete Piles Cast in Drilled Holes	AS EVALUATED									
		AS SUBMITTED	105.00	m.nl	5,265,549.11	18.00%	947,798.84	310,667.40	1,258,466.24	6,524,015.35	62,133.48
400(17)i	Concrete Piles Cast in Drilled Holes	AS EVALUATED									
.00(0/)	- 1190 April 11 - 1190 April 11 - 1190 April	AS SUBMETTED	709.00	lu.m	39,335,778.51	18.00%	7,080,440.13	2,320,810.93	9,401,251.06	48,737,029.57	68,740.52
400(23)h2	Permanent Casing	AS EVALUATED									
		AS SUBMITTED	72.00	ln.m	2,023,503.16	18.00%	364,230.57	119,386.69	483,617.26	2,507,120.42	34,821.12

400(23)i2	Permanent Casing	AS EVALUATED									
,_,	•	AS SUBMITTED	456.00	ln.m	15,480,734.46	18.00%	2,786,532.20	913,363.33	3,699,895.54	19,180,630.00	42,062.79
		AS EVALUATED									
400(26)a	Pile Integrity Testing	AS SUBMITTED	7.00	each	3,029,767.09	18.00%	545,358.08	178,756.26	724,114.34	3,753,881.43	536,268.78
		AS EVALUATED									
400(27)	High Strain Dynamic Testing (PDA)	AS SUBMITTED	2.00	each	232,190.35	18.00%	41,794.26	13,699.23	55,493.49	287,683.85	143,841.92
		AS EVALUATED									
403(5)a1	Structural Steel, Furnished, Fabricated and Erected	AS SUBMITTED	272,688.90	kg	12,093,348.06	18.00%	2,176,802.65	713,507.54	2,890,310.19	14,983,658.24	54.95
_		AS EVALUATED			•						
	TOTAL OF PART F	AS SUBMITTED			77,460,870.74		13,942,956.73	4,570,191.37	18,513,148.11	95,974,018.85	
		AS EVALUATED			-						
	GRAND TOTAL	AS SUBMITTED			82,072,331.75		14,427,668.25	4,825,000.00	19,252,668.25	101,325,000.00	

101,325,000.00

Preparation and Submission:

PERALD R. BARRERA

Engineer II

DPWH ROS

Prepared by:

Checked/Submiletd by:

Engineer IV

DPWH RO9

Evaluation: Reviewed by

District Engineer

DPWH RO9

Name of Project

: Construction of New Perma

idges Polo Bridge along Jct. Polo - Dapitan Park National Roac

an City, Zamboanga del Norte

Net Length

: 363.60

In.m

Item No.	Description	Quantity	Unit	DURATION	DURATION	WEEKS (6 WORKING DAYS)	
nemito.	Description	Godinity	Unii	# of Hours	# of Weeks	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 43	49 50 51 52
A.1.1 (3)	Const. of Field Office for the Enigneer	1.00	ls	80.00	1.67	TOTAL NO. OF WORKING DAYS	: 174
.1.1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	1.00	Is	12.00	0.25	INCLEMENT WEATHER & CURING TIME	: 58
A.1.2 (5)	Operation & Maintenance of Gov't. Service Vehicles	1.00	ls	1,392.00	29.00	NUMBER OF SUNDAYS	: 29
B.4(1)	Construction Survey and Staking	0.36	km	27.00	0.56	TOTAL NO. CALENDAR DAYS	: 261
B.5	Project Billboard	4.00	unit	4.00	0.08		$\top \top \top$
B.7	Occupational Safety & Health Program	1.00	Is				
B.9	Mobilization & Demobilization	1.00	ls	8.00	0.17		
04(1a)	Boulder Fill	1,286.68	cu.m	8.58	0.18		
200(1)	Aggregate Subbase Course	98.18	cu,m	1.96	0.04		
00(17)i	Concrete Piles Cast in Drilled Holes	709.00	ln.m	971.23	20.23		
00(17)h	Concrete Piles Cast in Drilled Hales	105.00	ln.m	129.63	2.70		
00(23)h2	Permanent Casing	72.00	ln.m	36.00	0.75		
00(23)12	Permanent Casing	456.00	ln.m	304.00	6.33		
00(26)a	Pille Integrify Testing	7.00	each	3.50	0.07		
100 (27)	High Strain Dynamic Testing (PDA)	2.00	each	8.00	0.17		
103(5)a1	Structural Steel, Furnished, Fabricated and Erected	272,688.90	kg	765.98	15.96		

Construction of New Permanent Brid

olo Bridge along Jct. Polo - Dapitan Park National Ro Zamboanga del Norte

pitan City, Zamboanga del Norte

FORM-POW-2015-01D-00

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

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

\Box		_		_	1.1			G.2	G.1	L.,	 F.2			 'n			E.2		_		C.2	73		 B.2					B.1				A.2						A 1		
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	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		Equipment	Sub-Total for F-1 As Submitted	a. Materials	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)	b. Water Truck	a. One Bagger Mixer	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	d. Laborers	c. Carpenters	b. Masons	a. Construction Foreman	Labor	Designation
						uated	nitted							lumpsum		Unit												1	1		No. of Units					6	З	3	1		No. of Person/s
																Quantity												8	32		No. of Hour/s					80	80	80	80		No. of Hour/s
(G.2+H2+I2+J1)	(11-11-14-1 D)	5% of (G 2+H2+12)	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							357,212.90		Unit Cost									To the first the second			2,450.00	172.00		Hourly Rate					45.16	58.61	58.61	80.95		Hourly Rate
	E12 321 70		24.396.28		33.079.70	1	41,349,62	4	413,496.20				357,212.90	357,212.90		Amount (Php.)		56,283.30		1.00		56.283.30				30,732.33	5,628.33	19,600.00	5,504,00		Amount (Php.)				56,283.30	21,675.00	14,066.10	14,066.10	6,476.10		Amount (Php.)

Prepared by:

JEKALD R. BARRERA Engineer II

Checked/Reviewed

Construction of New Permanent Brid

olo Bridge along Jct. Polo - Dapitan Park National Ro Zamboanga del Norte

ıpitan City, Zamboanga del Norte

FORM-POW-2015-01D-00

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

1.00 ls 1.00

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

1	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	<u> </u>
315,000.00	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	Ē
-	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	3.2
15,000.00	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	丄
1	10%/8% of G.1			Contractor's Profit - As Evaluated	
1	10%/8% of G.1			Contractor's Profit - As Submitted	
3	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	<u> </u>
				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
300,000.00				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					7,7
					د ت
				Equipment	
300,000.00				Sub-Total for F-1 As Submitted	
300,000.00	300,000.00		lumpsum	a. Office Equipment/Facilities & Supplies	F.1
				Materials	
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	L
				Output per Hour - As Evaluated	_
1.00				Output per Hour - As Submitted	
				Total (A.2+B.2) - As Evaluated	
				Total (A.1+B.1) - As Submitted	C
				Sub-Total for 8-2 As Evaluated	
					B.2
				Edublish	
· ·				Can I can I of a 1 to oddillitied	
				Sub-Total for R-1 As Submitted	
					B.1
				Equipment	
Amount (Php.)	Hourly Rate	No, of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
	The state of the s				
					A.2
				Labor	
				Sub-Total for A-1 As Submitted	
LOOP LILE.				The state of the s	
				CEATOR.	<u> </u>
				lahor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

JERALD R. BARRERA Engineer II dully.

Checked/Reviewed

Construction of New Permanent Brid

olo Bridge along Jct. Polo - Dapitan Park National Ro Zamboanga del Norte

pitan City, Zamboanga del Norte

FORM-POW-2015-01D-00

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

The state of the s				
THE PROPERTY OF THE PROPERTY O		K00000		
Designation	No, of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor		CD Committee		

5% of (G.2+H2+12) (G.1+H1+I1+J1) (G.2+H2+I2+J1)				Value Added Tax - As Evaluated Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	
10%/8% of G.1+H1+I1)	5% of (Value Added Tax - As Submitted	J.1
10%/8% of G.1	10%/8			Contractor's Profit - As Submitted	
/6% of G.1	12%/9%/7%/6% of G.1		uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	
/6% of G.1	12%/9%/7%/6% of G.1		mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	<u> </u>
				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Tatal for E-2 Ac Evaluated	i
				Edubuseir	n J
				Sub-Total for F-1 As Submitted	
ŏ	100,000.00	1,00	15	d. Spareparts etc.	
	10,000.00	4,00	pcs	c. Tires	
	30,000.00	1.00	ls	b. Engine Oil & Lubricants	F.1
	50,00	5,220.00	ltrs	a. Diesel Fuel	
	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	2 (
				Total (A.1+B.1) - As Submitted	CI
				Sub-Total for B-2 As Evaluated	
					8.2
				rangilienic))
				Cap lotte to D 1 na outsitition	
				Sub-Total for B-1 As Submitted	
					8.7
				Equipment	
ন	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					?;
					 > ن
				Labor	
				Sub-Total for A.1 As Submitted	
	58.61	1392	1	a, service Driver	A.1
				Labor	
	Hourly Rate	No, of Hour/s	No. of Person/s	Designation	
			- Company of the Comp		

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

olo Bridge along Jct. Polo - Dapitan Park National Ro Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

pitan City, Zamboanga del Norte

FORM-POW-2015-01D-00

Item No./Description Construction Survey and Staking

0.36 km 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
51,200.62	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	<u>~</u>
å	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	J.2
2,438.12	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
3,305.93	10%/8% of G.1			Contractor's Profit - As Submitted	1.1
	12%/9%/7%/6% of G.1		luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
4,132.41	12%/9%/7%/6% of G.1		mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
_				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
41,324.15				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					j
					F.2
				Materials	
12,180.00				Sub-Total for F-1 As Submitted	
580.00				Miscellaneous (5% of Materials)	
4,600.00	40,00	115	pcs	b. Blue Printing	
7,000.00	200.00	35	pcs	a. Standard Stake Plan	Ŧ,
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	E.2
29,144.15				Direct Unit Cost (C.1 ÷D.1) - As Submitted	E.1
				Output per Hour - As Evaluated	0.2
1.00				Output per Hour - As Submitted	0.1
ŧ				Total (A.2+B.2) - As Evaluated	C.2
29,144.15				Total (A.1+B.1) - As Submitted	C
				Sub-Total for 8-2 As Evaluated	
					В.2
6,700,00				Fouldment	
2 700 00				Sub-Total for 8-1 As Submitted	•
2,700.00	100.00	27		a. Total Station with complete accessories	B.1
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	T
Co. manuscriptor and the control of					
))
1 C				ahor	
9,377.40 26 444 15	10.00	00	2	Sub-Total for A-1 As Submitted	
01.9/4,0	50.55	000	⊦ د	h Chilled Laborar	
6 476 10	90.05	90	4	a Gendetic Engineer	
3,657.66	45.16	27	3	c. Laborer	
4,747.31	58.61	27	3	b. Skilled Laborer	<u>.</u>
2,185.68	80.95	27	ш	a. Geodetic Engineer	
				(For Field Works)	
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
				The state of the s	1

Prepared by:

JERALD R. BARRERA
Engineer II

Checked/Reviewed

STAN WWW

ISIDRA A. ESTANISLAO

Engineer IV

olo Bridge along Jct. Polo - Dapitan Park National Ro Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS pitan City, Zamboanga del Norte

FORM-POW-2015-01D-00

Item No./Description Project Billboard

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 4.00 unit 1.00

	J.2		_					G.1		ì	ا د د					л :					\rightarrow	<u>1.0</u>				8,2			 B.1				A.2			· · · · ·	1.5	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	d, Assorted Sizes CWN Nails	b. Tarpauling (4" x 8")	a. Marine Plywood, 3/6" thk x 4' x 8'	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 8-1 As Submitted		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	MILKS	Designation
					luated	mitted							1	kg	pcs	pcs		Unit													No. of Units						2	2	1		No. of Person/s
														1.00	1,00	1,00		Quantity													No. of Hour/s							5-4	1 -4		No. of 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								78.00	30,00	1,247.00		Unit Cost													Hourly Rate						45,16	58.61	80.95		Hourly Rate
4,132.66		196.79		266.84		333.55	•	3,335,48					3,047.00	78,00	1 000.00	1,247.00		Amount (Php.)		288,48		1.00		288.48							Amount (Php.)				288,48		90,31	117.22	80,95		Amount (Php.)

Prepared by:

JERALD R. BARRERA Engineer IJ

Checked/Revlewed

Item No./Description • • Occupational Safety & Health Program

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

	() = () = ()			1 Company of the Comp	Ī
±4,006,110	(11+C1+CH+C 9)			Total Unit Cost - As Evaluated	S
344 020 44	5% of (G.2+H2+I2)	THE PARTY OF THE P		Value Added Tax - As Evaluated	<u>", "</u>
14,855.26	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	1,1
7	10%/8% of G.1			Contractor's Profit - As Evaluated	1.2
22,007.79	10%/8% of G.1	THE PROPERTY OF THE PROPERTY O		Contractor's Profit - As Submitted	Ī,1
	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
				Direct Unit Cost (E.2+F.2) - As Evaluated	6.2
275,097.39				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					i
					ΕĎ
				Materials	
12,360.00				Sub-Total for F-1 As Submitted	
2,400.00	00.001	24.00	pus	c. Rair Coats (Kalli Forced, rilp Leigin Smail, Medium & Laige)	
360,00	15.00	24.00	pair	D. Pairs, Working Gloves (Maong Materials)	
9,600.00	400.00	24.00	pair	a. Pairs, Rubber Boots Men, Long with Steel Toe, Black	Ē
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	·······
-				Direct Unit Cost (C.2 +D.2) - As Evaluated	E.2
262,737.39				Direct Unit Cost (C.1 ÷D.1) - As Submitted	E.1
				Output per Hour - As Evaluated	D.2
1.00				Output per Hour - As Submitted	D,1
				Total (A.2+B.2) - As Evaluated	C2
262.737.39				Total (A.1+B.1) - As Submitted	C1
				Sub-Total for B-2 As Evaluated	
					В.2
				Equipment	
•				Sub-Total for B-1 As Submitted	
	-				
					1
				Equipitierit	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
				0.1.4.1.1.0.4.0.4.1.1.1.1.1.1.1.1.1.1.1.	
					A.2
			The second secon	LäDor	
262,737.39	THE PROPERTY OF THE PROPERTY O			Sub-lotal for A-1 AS Submitted	
				0.5 7.4.16. 4.4.4.0.1	
				The state of the s	
206,395.32	74.14	1392	2		A.1
56,342,07	80,95	696	1	a. Safety Practitioner	
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

'olo Bridge along Jct. Polo - Dapitan Park National Ro Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

ıpitan City, Zamboanga del Norte

FORM-POW-2015-01D-00

Mobilization & Demobilization

Item No./Description

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated -- -- .. 1.00 Is

	Designation	No. of Person/s No. of Hour/s	No. of Hour/s	Hourly Rate
Labor				
<u>.</u>				(i) = 10 (ii) = 10 (iii) = 10 (ii
Sub-T	Sub-Total for A-1 As Submitted			
Labor				
A.2				
Sub-T	Sub-Total for A-2 As Evaluated			
	Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate
Equipment	ment			
B.1 a. Low	a. Low Bed Trailer	4	56	4,255.38
Sub-Ti	Sub-Total for B-1 As Submitted			
Equipment	ment			
	Cit-Total for B-2 As Evaluated			
C.1 Total (Total (A.1+B.1) - As Submitted			
\sqcup	Total (A.2+B.2) - As Evaluated			
	Output per Hour - As Submitted			
- 1	Output per riour - As Evaluated Direct Unit Cost (C.1 ÷D.1) - As Submitted			
E.2 Direct	Direct Unit Cost (C.2 ÷D.2) - As Evaluated			
	Name and Specification	Unit	Quantity	Unit Cost
Materials	ials			
F.1				
Sub-Ti	Sub-Total for F-1 As Submitted			
Materials	lals			
5				
1,2				
Sub-T	Sub-Total for F-2 As Evaluated			
	Direct Unit Cost (E.1+F.1) - As Submitted			
	Direct Unit Cost (E.2+F.2) - As Evaluated			
	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	mitted		12%/9%/7%/6% of G.1
1	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	uated		12%/9%/7%/6% of G.1
1.1 Contra	Contractor's Profit - As Submitted			10%/8% of G.1
	Value Added Tax - As Submitted			5% of (G.1+H1+I1)
J.2 Value	Value Added Tax - As Evaluated			5% of (G.2+H2+I2)
느_	Total Unit Cost - As Submitted			(G.1+H1+I1+J1)
K.2 Total	Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

) Bridge along Jct. Polo - Dapitan Park National (Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

), Dapitan City, Zamboanga del Norte

FORM-POW-2015-01D-00

Item No./Description .. Boulder Fill

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated -- -- --1,286.68 cu.m 150.00

1	(7.2+12+12+17)			Total Unit Cost - As Evaluated	7.7
2,044.57	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	
	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	╀.
97.36	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	<u> </u>
	10%/8% of G.1			Contractor's Profit - As Evaluated	<u>. </u>
132.01	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
165.02	12%/9%/7%/6% of G.1		mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	_
ŀ				Direct Unit Cost (E.2+F.2) - As Evaluated	
1,650.18				Direct Unit Cost (E.1+F.1) - As Submitted	
				Sub-Total for F-2 As Evaluated	
					F.2
1,77,1,00				Materials	
1 474 00				Sub-Tabal for E.1 As Submitted	
1,471.00	1,176.80	1.25	cu.m	a. Boulders (w/25% Shrinkage Factor)	ŢT Jest
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
1		c		Direct Unit Cost (C.2 +D.2) - As Evaluated	E.2
179.18				Direct Unit Cost (C.1 +D.1) - As Submitted	
				Output per Hour - As Evaluated	
50.00				Output per Hour - As Submitted	
0,100,01				Total (A.2+B.2) - As Evaluated	
ያ ዕደል ያዕ				Total (A 1+B 1) - As Submitted	<u>-</u>
Activity of the state of the st				Sub-Total for R-2 Ac Evaluated	
					В.2
				Equipment	
8,607.00				Sub-Total for B-1 As Submitted	
3,408.00	1,420.00	0.80	ω	b. Dumptruck	22
5,199.00	1,733.00	1.00	3	a. Payloader	—
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
*					A
*					
				Lahor	
351.89				Sub-Total for A-1 As Submitted	
270,94	45.16	1.00	b	A.1 p. Laborer	<u>.</u>
80,95	80.95	1.00		a. Construction Foreman	
				Labor	T
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
					_

Prepared by:

JERALD R. BARRENA Engineer II

Checked/Reviewed

Item No./Description Aggregate Subbase Course

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 98.18 cu.m 50.00

	Designation	No. of Person/s No. of Hour/s	No. of Hour/s	Hourly Rate	Amount (Php.)
	Labor				
	a. Construction Foreman		1.00	80.95	80.95
A.1	b. Laborer	2	1.00	45.16	90.31
	Sub-Total for A-1 As Submitted				171.26
A.2	Labor				1
	Sub-Total for A-2 As Evaluated				
	Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
	Equipment				
	a. Motorized Road Grader	-	1 00	2 173 00	2 472 00
р -	b. Vibratory Roller	1	1.00	1,846.00	1,846.00
5	c. Water Truck/Pump	1	0.25	2,450.00	612.50
	Sub-Total for B-1 As Submitted				4,631.50
ຄ ບ	Equipment				
	Sub-Total for R-2 As Evaluated				
C.1	Total (A.1+B.1) - As Submitted				4 802 76
C.2	Total (A.2+B.2) - As Evaluated				1
D.1	Output per Hour - As Submitted				50.00
E.1	Direct Unit Cost (C,1 ÷D,1) - As Submitted				90.36
E.2	Direct Unit Cost (C.2 ÷D.2) - As Evaluated			THE PROPERTY OF THE PROPERTY O	# ** ** ** **
	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1	Materials		* *	052.00	
	d. Aggregate Surbase Course	cu.m	1.15	852.80	980./2
	Sub-Total for F-1 As Submitted		A A A A A A A A A A A A A A A A A A A		980.72
	Malterials				
F.2					
G 1	Sub-Total for F-2 As Evaluated Direct Unit Cost (F.1+F.1) - As Submitted				1 076 78
G.2	Direct Unit Cost (E.2+F.2) - As Evaluated				*/***
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	mitted		12%/9%/7%/6% of G.1	107.68
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	uated		12%/9%/7%/6% of G.1	
7.1	Contractor's Profit - As Submitted			10%/8% of G.1	86,14
J. 1	Value Added Tax - As Submitted			5% of (G,1+H1+I1)	63.53
1.2	Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	
S A	Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	1,334.12
	THE PERSON NAMED IN COLUMN TO SERVICE STATE OF THE PERSON NAMED STATE OF THE PERSON NAMED STATE OF THE PERSON NAMED STA			(/20. 22. 20.0.2)	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed ISIDRA A. ESTANISLAO Engineer IV

Volo Bridge along Jct. Polo - Dapitan Park National Ro Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

₃pitan City, Zamboanga del Norte

FORM-POW-2015-01D-00

Item No./Description Concrete Piles Cast in Drilled Holes

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated -- -- --105.00 ln.m 0.81

					· · · · · · ·
					
				Miscellaneous (3% of Materials Cost)	л Н
25.65	135.00	0.19	kg	e, Welding Rod	-
195.00	2,500.00	0.08	set	d. Oxygen/Acetylene	-
527.68	68.00	7.76	Š (c. Tie Wire	7
16,286.34	42,00	387.77	Κo	b. Reinforcing Steel Bar	er I
8,051.00	4,150.00	1.94	cu.m	a. Ready Mix Concrete, fc'=28 MPa	N I
				Materials	-
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
1				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	E.2
24,309,85				Direct Unit Cost (C.1 ÷D.1) - As Submitted	
1				Output per Hour - As Evaluated	٠
0.81				Output per Hour - As Submitted	1
3				Total (A.2+B.2) - As Evaluated	C.2
19,690.98				Total (A.1+B.1) - As Submitted	<u> </u>
				Sub-Total for B-2 As Evaluated	IO
					B.2
				- September 1 and	
				Eaubment	
18.397.80				Sub-Total for B-1 As Submitted	ral .
75.75				THIST TOOK (TO'S OF FRESH WAS	т.
129 32	0.000	0.53	,	Minor Tools (10% of Labor Cost)	T
70.70	543 SO	0.03	F	s. Lighting System/Tower Lights	n -
37.05	1 265 00	0.03	<u> </u>	r. Air Compressor	- I
7 76	8t 601	0.03	٠,	n. Portable Breaker	- I-
145 34	250,00	0.26	<u>-</u>],	n. SPT & Decanding Machine	- 17
70.40	320,00	0.70		o Tremie Pine Set	<u>- 1 -</u>
457.CC 1	7E VE	07.0	4 }-	n Cutting Cuter	
220,40 455 24	331.30	0.05	1	m Welding Machine	.
142,84	251 50	0.65	-	1. Bar Bonder	-1-
2,107.00	2,450.00	0.86	_	J. Water Huch	- I
105.11	3 450 00	0.85		i Water Truck	
CC.COT	172.00	0.07	4 +	i Mahor Diama	-1-
105.071	173 00	0.01	-	h Bentonite Miyer	- lic
99.6/2	2,039.44	0.97	1	n Bentonite Rin	- T-
7,001.01	1,/33.00	0.57	1	f Generator	- 17
1,3//.40	1,420.00	0.97	-	e Davioader	. T.
1,4/6.34	1,522,00	0.97	1	d Dimphack	<u>. 1</u> -
2,086.47	2,151.00	0.97	1	C Crawler Crane (21-25 mt)	. T.
4,928.43	12,637.00	0.39	-	h Crawler Chara (44 45 mt)	+10
				Equipment	l en
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	100
					, ,
Eg C o C a E 4				Labor	
1 293 17	45.10	0,03	7.	Sub-Total for A-1 As Submitted	(61)
200.5/	72.07	0.65	13	b. Laborer	[
27.000	E0 64	0.65	7	a Skilled Laborer	υ Γς
270.94	45.16	1.00	6	C. Laborer	
293.04	58.61	1.00	5	b. Skilled Laborer	
80.95	80.95	1,00	1	a. Construction Foreman	
				Labor	=1
Amount (Php.)	Hourly Rate	No. of Hour/s	No, of Person/s	Designation	

Deridge along Jct. Polo - Dapitan Park National Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

), Dapitan City, Zamboanga del Norte

FORM-POW-2015-01D-00

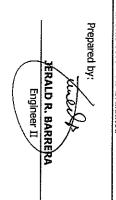
Item No./Description Concrete Piles Cast in Drilled Holes

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

.. 709.00 ln.m 0.73

	A CALLES AND A CAL				
	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
	Labor				
	a. Construction Foreman	ı.	1.00	80.95	80.95
A.1	b. Skilled Laborer	5	1.00	58.61	293,04
	C. Laborer	6	1.00	45.16	270.94
	a. Skilled Laborer	7	0.66	58.61	77 077
	b. Laborer	12	0.66	45,16	357.64
	Sub-Total for A-1 As Submitted				1,273,34
	Labor				
Α.2					
	Sub-Total for A-2 As Evaluated				
	Name and Capacity	No, of Units	No, of Hour/s	Hourly Rate	Amount (Php.)
	Equipment				
	a. Drilling Rig	1	0,40	12,637.00	5,054.80
	ne (41-45	ь	0.98	2,151.00	2,107.98
	d Dumphack	*	0.98	1,522.00	1,491.56
	e, Payloader		0.98	1 733 00	1 809 1 00.160 ⁷ 1
	f. Generator	*	0.98	2,659,44	2,606.25
	g. Bentonite Bin	1	0.62	280.00	173.60
	n. Bentonite Mixer		0.62	173.00	107.26
B.1	i. Water Truck	⊢	0.88	2,450.00	2 156 00
	k. Bar Cutter	₩	0.66	219.75	145.04
	I. Bar Bender	⊢	0.66	351,50	231.99
	n. Cutting Outfit	j	0.76	45 45	74 54
	o. Tremle Pipe Set)t	0.22	320.00	70,40
	p. SPT & Desanding Machine	,	0.26	559.00	145,34
	q. Portable Breaker	2	0.02	129.38	5.18
	s Lighting System/Tower Lights	- P-	0.02	1,265.00	25.30
	Minor Tools (10% of Labor Cost)				127.33
	Sub-Total for B-1 As Submitted				18 668 05
	Equipment				11 ty 4 do 1 ty 1
В.2	Cut-Total for R-2 Ac Evaluated				
2	Total (A.1+B.1) - As Submitted				10 042 20
C.2	Total (A.2+B.2) - As Evaluated				12,272,22
D.1	Output per Hour - As Submitted				0.73
D.2	Output per Hour - As Evaluated				77 740 74
E.)	Direct Unit Cost (C.1 +D.1) - As Submitted Direct Unit Cost (C.2 +D.2) - As Evaluated				27,318.21
	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
	Materials				
	a. Ready Mix Concrete, fc'=28 MPa	cu.m	2.21	4,150.00	9,171.50
<u>}</u>	b. Reinforcing Steel Bar	Kg	413.63	42,00	17,372.46
	d Ownger/Acetilane	G KG	8.27	58,00	562.36 207 FO
	e, Welding Rod	KO SEL	0.05	135.00	28.35
	Miscellaneous (3% of Materials Cost)	(820.27
	Sub-Total for F-1 As Submitted				28,162.44
E)	Materials				
	Sub-Total for F-2 As Evaluated				
G.1	Direct Unit Cost (E.1+F.1) - As Submitted				55,480.65

2+J1)	(G.2+H2+I2+J1)		Total Unit Cost - As Evaluated	K.2
I+IH	(G.1+H1+I1+J1)		Total Unit Cost - As Submitted	1
2+H	5% of (G.2+H2+I2)		Value Added Tax - As Evaluated	J.2
±	5% of (G.1+H1+I1)		Value Added Tax - As Submitted	J.1
6	10%/8% of G.1		Contractor's Profit - As Evaluated	I.2
0	10%/8% of G.1		Contractor's Profit - As Submitted	
69	12%/9%/7%/6% of G.1	uated	H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
\$1	12%/9%/7%/6% of G.1	mitted	H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
- 1			G.2 Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
- 1			G.1 Direct Unit Cost (E.1+F.1) - As Submitted	G.1
- 1			Sub-Total for F-2 As Evaluated	
- 1				i
- 1				5
			Materials	
			Sub-Total for F-1 As Submitted	
- 1				



Checked/Reviewed

ISIDRA A ESTANISLAO

Engineer IV

Item No./Description --Permanent Casing

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated -- -- --72.00 ln.m 2.00

		1.2 Value Adde			H.2 Overhead,	H.1 Overhead,		G.1 Direct Unit	Sub-Total f	F.2	Materials	Sub-Total f	c. Welding Rod	F.1 b. Oxy/Acetylene		Materials a. Steel Casino	Materials a. Steel Casi																				19							
Total Unit Cost - As Evaluated	Total Unit Cost - As Submitted	Value Added Tax - As Evaluated	Contractor's Profit - As Evaluated Value Added Tay - As Summitted	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			Sub-Total for F-1 As Submitted	od	lene	10		Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated Name and Specification	Direct Unit Cost (C.1 +D.1) - As Submitted Direct Unit Cost (C.2 +D.2) - As Evaluated Name and Specification	Output per Hour - As Evaluated Direct Unit Cost (C.1 + D.1) - As Submitted Direct Unit Cost (C.2 + D.2) - As Evaluated Name and Specification	Output per Hour - As Submitted Output per Hour - As Evaluated Direct Unit Cost (C.1 +D.1) - As Submitted Direct Unit Cost (C.2 +D.2) - As Evaluated Name and Specification	Total (A.2+B.2) - As Evaluated Output per Hour - As Submitted Output per Hour - As Submitted Oirect Unit Cost (C.1 +D.1) - As Submitted Direct Unit Cost (C.2 +D.2) - As Evaluated Name and Specification	Total (A.1+B.1) - As Submitted Total (A.2+B.2) - As Submitted Total (A.2+B.2) - As Evaluated Output per Hour - As Submitted Output per Hour - As Evaluated Direct Unit Cost (C.1 +D.1) - As Submitted Direct Unit Cost (C.2 +D.2) - As Evaluated Name and Specification	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 Evaluated Direct Unit Cost (C.1 +D.1) - As Submitted Direct Unit Cost (C.2 +D.2) - As Evaluated	or B-2 As Evaluated B.1) - As Submitted B.2) - As Evaluated Hour - As Submitted Hour - As Evaluated Cost (C.1 +D.1) - As Submitted Cost (C.2 +D.2) - As Evaluated Name and Specification	Sub-Total for B-1 As Submitted Equipment Sub-Total for B-2 As Evaluated Sub-Total (A.1+B.1) - As Submitted Total (A.2+B.2) - As Evaluated Output per Hour - As Submitted Output per Hour - As Evaluated Direct Unit Cost (C.1 +D.1) - As Submitted Direct Unit Cost (C.2 +D.2) - As Evaluated	Minor Tools (10% of Labor Cost) Sub-Total for B-1 As Submitted 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 Name and Specification	Juffit (10% of Labor Cost) or B-1 As Submitted ar B-2 As Evaluated B.1) - As Submitted B.2) - As Evaluated Hour - As Submitted Hour - As Submitted Cost (C.1 ÷D.1) - As Submitted Cost (C.2 ÷D.2) - As Evaluated Name and Specification	Machine (10% of Labor Cost) or B-1 As Submitted or B-2 As Evaluated B.1) - As Submitted B.2) - As Evaluated Hour - As Submitted Hour - As Submitted Cost (C.1 ÷D.1) - As Submitted Cost (C.2 ÷D.2) - As Evaluated Name and Specification	b. Vibro Hammer w/ Hydrualic Power Pack c. Welding Machine d. Cutting Outfit Minor Tools (10% of Labor Cost) Sub-Total for B-1 As Submitted 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 Name and Specification	a. Truck Mounted Crane b. Vibro Hammer w/ Hydrualic Power Pack c. Welding Machine d. Cutting Outfit Minor Tools (10% of Labor Cost) Sub-Total for B-1 As Submitted 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 Name and Specification	unted Crane mmer w/ Hydrualic Power Pack Machine Utifit (10% of Labor Cost) r B-1 As Submitted r B-2 As Evaluated B.1) - As Submitted B.2) - As Evaluated Hour - As Submitted Hour - As Submitted Cost (C.1 ÷ D.1) - As Submitted Cost (C.2 ÷ D.2) - As Evaluated Name and Specification	Name and Capacity Junted Crane Immer w/ Hydrualic Power Pack Machine Jutfit 110% of Labor Cost) The B-1 As Submitted The B-2 As Evaluated B.1) - As Submitted B.1) - As Submitted B.1) - As Submitted Hour - As Submitted Cost (C.1 ÷ D.1) - As Submitted Cost (C.2 ÷ D.2) - As Evaluated Name and Specification	Sub-Total for A-2 As Evaluated Name and Capacity Equipment a. Truck Mounted Crane b. Vibro Hammer w/ Hydrualic Power Pack c. Welding Machine d. Cutting Outfit Minor Tools (10% of Labor Cost) Sub-Total for B-1 As Submitted 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 Output per Hour - As Submitted Direct Unit Cost (C.1 +D.1) - As Submitted Direct Unit Cost (C.2 +D.2) - As Evaluated Name and Specification	Name and Capacity Name and Capacity unted Crane mmer w/ Hydrualic Power Pack Machine 10% of Labor Cost) or B-1 As Submitted B.1) - As Submitted B.2) - As Evaluated Hour - As Submitted Cost (C.1 ÷D.1) - As Submitted Cost (C.2 ÷D.2) - As Evaluated Name and Specification	unted Crane Name and Capacity unted Crane mmer w/ Hydrualic Power Pack Machine Juffit (10% of Labor Cost) or B-1 As Submitted B.1) - As Submitted B.2) - As Evaluated Hour - As Submitted Cost (C.1 ÷ D.1) - As Submitted Cost (C.2 ÷ D.2) - As Evaluated Name and Specification	Name and Capacity Name and Capacity Inted Crane Inter w/ Hydrualic Power Pack Machine Jutfit (10% of Labor Cost) Or B-1 As Submitted B-1 - As Submitted B.1) - As Submitted B.2) - As Evaluated Hour - As Submitted Cost (C.1 ÷D.1) - As Submitted Cost (C.2 ÷D.2) - As Evaluated Name and Specification	Sub-Total for A-1 As Submitted Labor Sub-Total for A-2 As Evaluated Name and Capacity Equipment a. Truck Mounted Crane b. Vibro Hammer w/ Hydrualic Power Pack c. Welding Machine d. Cutting Outfit Minor Tools (10% of Labor Cost) Sub-Total for B-1 As Submitted Equipment Sub-Total for B-2 As Evaluated Total (A.1+B.1) - As Submitted Total (A.1+B.1) - As Submitted Total (A.2+B.2) - As Evaluated Total (A.2+B.2) - As Evaluated Output per Hour - As Submitted Output per Hour - As Submitted Output per Hour - As Evaluated Direct Unit Cost (C.1 +D.1) - As Submitted Direct Unit Cost (C.2 +D.2) - As Evaluated Direct Unit Cost (C.2 +D.2) - As Evaluated	or A-1 As Submitted Name and Capacity unted Crane mmer w/ Hydrualic Power Pack Machine utfit (10% of Labor Cost) or B-1 As Submitted B.1) - As Submitted B.2) - As Evaluated B.3) - As Evaluated Hour - As Submitted Hour - As Evaluated Cost (C.1 ÷D.1) - As Submitted Cost (C.2 ÷D.2) - As Evaluated Name and Specification	or A-1 As Submitted Name and Capacity Name and Capacity Name and Capacity Name w/ Hydrualic Power Pack Machine Or B-1 As Submitted B.1) - As Submitted B.2) - As Evaluated B.3) - As Submitted Hour - As Submitted Cost (C.1 ÷D.1) - As Submitted Cost (C.2 ÷D.2) - As Evaluated Name and Specification	or A-1 As Submitted Pr A-2 As Evaluated Name and Capacity Name and Capacity Name w/ Hydrualic Power Pack Machine Liffit (10% of Labor Cost) Or B-1 As Submitted B.1) - As Submitted B.2) - As Evaluated B.3) - As Evaluated Hour - As Submitted Cost (C.1 ÷D.1) - As Submitted Cost (C.2 ÷D.2) - As Evaluated Name and Specification	or A-1 As Submitted or A-2 As Evaluated Name and Capacity unted Crane mmer w/ Hydrualic Power Pack Machine utfit (10% of Labor Cost) or B-1 As Submitted B.1) - As Submitted B.2) - As Evaluated Hour - As Submitted Hour - As Submitted Cost (C.1 ÷D.1) - As Submitted Cost (C.2 ÷D.2) - As Evaluated Name and Specification	or A-1 As Submitted or A-2 As Evaluated Name and Capacity unted Crane mmer w/ Hydrualic Power Pack Machine butfit (10% of Labor Cost) or B-1 As Submitted B-1) - As Submitted B.1) - As Submitted Hour - As Submitted Hour - As Submitted Cost (C.1 ÷D.1) - As Submitted Cost (C.2 ÷D.2) - As Evaluated Name and Specification Name and Specification	n Foreman or A-1 As Submitted r A-2 As Evaluated Name and Capacity Namer w/ Hydrualic Power Pack Machine Duffit (10% of Labor Cost) or B-1 As Submitted B.1) - As Submitted B.2) - As Evaluated Hour - As Submitted Hour - As Submitted Cost (C.1 ÷D.1) - As Submitted Cost (C.2 ÷D.2) - As Evaluated Name and Specification
					valuated	ubmitted							Š	set	3	Cinc	- -		n h														No. of Units 1 1 1 1	No. of Units	No. of Units 1 1 1 1	No. of Units 1 1 1 1	No. of Units	No. of Units	No. of Units	No. of Units	No. of Units	1 4 4 6 6 6 No. of Units 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	No. of Units	No. of Units
													0,61	0.12	1.03	Quantity												0.50	0.50	0.50 0.50 0.50	0.50 0.50 0.50	1.00 0.50 0.50 0.50	No. of Hour/s 1.00 0.50 0.50 0.50	No. of Hour/s 1,00 0,50 0,50 0,50	No. of Hour/s 1.00 0.50 0.50 0.50	No. of Hour/s 1.00 0.50 0.50 0.50	No. of Hour/s 1.00 0.50 0.50 0.50	No. of Hour/s 1.00 0.50 0.50	No. of Hour/s 1.00 0.50 0.50	1.00 No. of Hour/s 1.00 0.50 0.50 0.50	1.00 1.00 1.00 No. of Hour/s 1.00 0.50 0.50	1.00 1.00 1.00 1.00 1.00 0.50 0.50 0.50	1.00 1.00 1.00 1.00 1.00 0.50 0.50 0.50	1.00 1.00 1.00 1.00 1.00 0.50 0.50 0.50
(G.2+H2+I2+J1)	(G.1+H1+I1+J1)	5% of (G.1 +H2+T2)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1							135.00	2,500.00	24,000,00	Unit Cost												45.45	539.00 45.45	4,118.00 539.00 45.45	3,237.00 4,118.00 539.00 45.45	3,237.00 4,118.00 539.00 45.45	Hourly Rate 3,237.00 4,118.00 539.00 45.45	Hourly Rate 3,237.00 4,118.00 539.00 45.45	Hourly Rate 3,237.00 4,118.00 539.00 45.45	Hourly Rate 3,237.00 4,118.00 539.00 45.45	Hourly Rate 3,237.00 4,118.00 539.00 45.45	Hourly Rate 3,237.00 4,118.00 539.00 45.45	Hourly Rate 3,237.00 4,118.00 539.00 45.45	45.16 Hourly Rate 3,237.00 4,118.00 539.00 45.45	58.61 45.16 Hourly Rate 3,237.00 4,118.00 539.00 45.45	80.95 58.61 45.16 45.16 Hourly Rate 3,237.00 4,118.00 539.00 45.45	80.95 58.61 45.16 45.16 Hourly Rate 3,237.00 4,118.00 539.00 45.45	80.95 58.61 58.61 45.16 Hourly Rate 3,237.00 4,118.00 539.00 45.45
7/10	34.821.12		1 658 15	2,248.34		2,810.42		28,104.21				24 987 62	82.62	305,00	24 600 00	Amount (Php.)			3,11	3,11	3,11	3,11	6,23	6,23	6,23	5,64 6,23 3,11	5,64 6,23 3,11	5,64 5,63 6,23 3,11	26 2 5,64 5,63 6,23	2,05 26 2 2 5,64 5,23 6,23	3,23 2,05 26 26 5,64 5,64 6,23	3,23 2,05 26 2 5,64 5,23	Amount (Php.) 3,23 2,05 26 26 27 5,64 5,64 3,11	Amount (Php.) 3,23 2,05 26 26 5,64 5,64 3,11	Amount (Php.) 3,23 2,05 26 26 27 5,64 5,64 3,11	Amount (Php.) 3,23 2,05 26 26 27 5,64 5,64 3,11	Amount (Php.) Amount (Php.) 3,23 2,05 26 26 2 5,54 5,64 3,11	58 Amount (Php.) Amount (Php.) 3,23 2,05 26 2 5,64 5,64 5,23	58 Amount (Php.) Amount (5) 3,23 2,67 26 2 5,64 5,64 3,11	58 58 Amount (Php.) 3,23 2,05 26 2 5,64 5,64 3,11	23 27 27 27 28 58 58 59 20 20 20 20 20 20 3,23 2,05 2,05 2,05 2,05 2,05 2,05 3,23 3,23 3,23 3,23 3,23 3,23 3,23 3,2	89 23 23 27 27 58 58 4mount (Php.) 3,23 2,05 26 26 26 26 27 27 28 3,23 3,23 3,23 3,23 3,23 3,23 3,23 3	80 234 234 270 580 580 580 5,644 5,644 3,110	80.95 234.44 234.44 270.94 270.94 3,237.00 2,059.00 269.50 22.73 5,646.86 6,233.18 6,233.18

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

1	(G.2+H2+I2+J1)	K.2 Total Unit Cost - As Evaluated
68,740.52	(G.1+H1+I1+J1)	K.1 Total Unit Cost - As Submitted
7	5% of (G.2+H2+I2)	3.2 Value Added Tax - As Evaluated
3,273.36	5% of (G.1+H1+I1)	J.1 Value Added Tax - As Submitted
	10%/8% of G.1	I.2 Contractor's Profit - As Evaluated
4,438.45	10%/8% of G.1	I.1 Contractor's Profit - As Submitted
4	ated 12%/9%/7%/6% of G.1	H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated
5,548.06	itted 12%/ 3%/7%/6% of G.1	H.1 Overhead, Contingencies & Miscellaneous (UCM) - As Submitted
-		G.2 Direct Unit Cost (E.2+F.2) - As Evaluate

Prepared by:

JERALD R. BARRERA Engineer II

herked/Revlewed

Fngineer IV

Construction of New Permanent Bridges

Bridge along Jct. Polo - Dapitan Park National (, Dapitan City, Zamboanga del Norte Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description Permanent Casing

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated -- -- --456.00 ln.m 1.50

(G.1+H1+I1+J1) (G.2+H2+I2+J1)
5% of (G.1+H1+I1)
10%/8% of G.1
12%/9%/7%/6% of G.1
12%/9%/7%/6% of G.1
135.00
2,500.00
28,500,00
Unit Cost
45,45
539.00
4,118.00
3,237.00
No. of Hour/s Hourly Rate
:
45.16
58.61
80.95
nourly kate
Hough Data





Item No./Description ٠-Pile Integrity Testing

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated -- -- --7.00 each 1.00

K.1 lotal	J.Z Value	┸	\perp	┸	'		٠.		_		E 2	I-dhe	2		r.1 Miscell		a, Blac	Materials			E 3 Direct		D 2 Output	4			 B.2	Equipment	Sub-T		Minor	B.1 b. We			Sub-T	A.2	Labor	T-duS	c. Laborer	b. Skill	Pipe I		A.1 b. Skill	a. Con	For Testing	Labor	
iotal Unit Cost - As Submitted	Value Added Tax - As Evaluated	Value Added Text As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	(OCM)	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E. 1+F.1) - As Submitted	Carrier to the 11 to 11 to 2 to 12 to 15 t	Sub-Total for F-2 As Evaluated	idls	Sub-Total for r-1 As Submitted	Other Edward A. P. Colonielle		MISCEITARIEOUS (2% OF Materials Cost)	b. Welding Rod	a, Black/GI Pipe & Accessories	lais	Name and Specification	Duese sour cost (cit + Dit) - Va raditation	Halt Cost (Cr. + 10.1) - As Evaluated	Direct Holt Cast (C 1 +D 1) - As Submitted	Outrut per Hour - As Evaluated	Output par Hour Ar Submitted	Total (A.1+b.1) - AS Submitted	Sub-Total for B-2 As Evaluated		ment	Sub-Total for B-1 As Submitted	,	Minor Tools (10% of Labor Cost)	b. Welding Machine	a. Pile Integrity Testing	Name and Capacity	Sub-Total for A-2 As Evaluated	Transfer and the second		Sub-Total for A-1 As Submitted	orer	b. Skilled Laborer	Pipe Installation	orer	b. Skilled Laborer	a. Construction Foreman	sting		Designation
		Approximation of the second of			ated	litted										k <u>G</u>	3		Unit												,			No. of Units					2	2		J	ļ	1			No. of Person/s
																0.10	120.00		Quantity												1.00	4 00	1 00	No. of Hour/s					4.00	4.00		4.00	4.00	4.00			No, of Hour/s
(G.1+H1+I1+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										135.00	3,500.00		Unit Cost												0.00	53,000.00	65 000 00	Hourly Rate					45.16	58.61		45.16	58.61	80.95			Hourly Rate
610,945.35	1	29,092.64		39,447.64	1	49,309.55		493,095.52	200			424,213.64			4,200.14	13,50	420,000.00		Amount (Php.)		99,199,00	60 004 00	1.00		68,881.88				67,312.90	T.O.O.O.O.	156 90	3 156 00	GE 000 00	Amount (Php.)		1		1,568.99	361.25	468.87	***************************************	180.63	734 44	323.81			Amount (Php.)

Prepared by:

JERALD R. BARRERA Engineer II

Item No./Description --High Strain Dynamic Testing (PDA)

Unit of Measurement Output per hour-As Submitted Output per hour-As Evaluated 2.00 each 1.00

		3.1 Va	1.2 Co	LI Co	H.2 O	_	_	_	J.S	F.2		J.	3	ė	ប	F.1 5	ēr	3		_			D.1 O	C.2 To		S	6.2	 F :	<u>က</u> ြ	<u>د</u> اد	5 5	<u>ساز</u>	י פ	8.1 d.		- [0	, L		18	<u>*</u> /		2	<u>ي</u>	ľ	Þ	A.1 a.	T,	.	
Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	ilue 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	Miscellaneous (5% of Materials Cost)	d. Oxy/Acetylene	Welding Rod	b. Ready Mixer Concrete, 3000 psi	a. Steel Casing	Natire and specification Materials	Name and Consideration	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	Wirer Tools (100% of Labor Cost)	Walding Machine	Cutting Outfile	e. Concrete Vibrator	Air Compressor	C Dron Hammer	h Tarck Mounted Crane	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	A COLOR TO THE PROPERTY OF THE	ahor	Designation
					uated	nitted								set	κδ	cu.m	m	Unic													-	-	- 6	-	-	ļ		No. of Units						4	2	1			No. of Person/s
								-						0.45	2.23	5.57	3.00	Quantity												2.00	3,00	3.00	0.60	8 00	4.00	100	4 - 1	No. of Hour/s						8.00	4.00	4.00			No. of 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								2,500.00	135.00	4,640.00	3,433.33	Unit Cost												00.800	20 00 CF	7E 7E	01.00	965 00	3,23,00	3 337 00		Hourly Rate				The state of the s		45.16	58.61	80.95		· · · · · · · · · · · · · · · · · · ·	Hourly Rate
148,107.29		7,052,73	I Description	9,563.02		11,953.78	1	119,537.77	1			39,442.08	1,878.19	1,117.50	301.59	25,844,80	10,300.00	Amount (Php.)		_	80,095.68	-	1.60	1	128,153,09			71,016,021	125 045 42	1,078,00	1 070 00	24./5	00.02777	00,000	00.00	103,000.00		Amount (Php.)		The state of the s	Ĺ	00.702,2	89 426 6	1,445.00	468.87	323.81			Amount (Php.)

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Item No./Description .. Structural Steel, Furnished, Fabricated and Erected

Unit of Measurement
Output per hour-As Submitted -- --272,688.90 kg 356.00

Designation		Output per hour-As Evaluated : -
No. of Person/s		
No. of Hour/s		
Hourly Rate	77.00	
Amount (Php.)	The state of the s	

7.Z Value	_	┸	1	4	_	H.2 Overf		G.2 Direc	┺-			E3	Materials	r-dus	Miscel	g, Oxy	f. Wel	e. Channel	·	F 1 C. Tut	D. WI	a. ya	Materials					-		-	C.1 Total		В.2	Equi	-dilS	Mino	e s	a º	B.1	T 4.	T COU		-dus	7	 Labor	Sub	5	2.0	A, 1 a, C	 lahor	
lotal Unit Cost - As Submitted	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Value Added Tay - As Submitted	actor's Profit - As Evaluated	Contractor's Profit - As Suhmitted	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-Trotal for Fig. As Evaluated	forst for E.2 As Evaluated	53417		Sub-Total for F-1 As Submitted	Miscellaneous (1% of Materials Cost)	g. Oxy/Acetylene	f. Welding Rod	nnel	d. Cover Plate	c. Tubular Pipe	D. WF 21"X9M	a. Structural Steet, Grade 50	rials	Name and Specification	A STILL COST (SIZE - DIST) - US Exalitation	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 ÷D.1) - As Submitted	Output ner 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	nment	Sub-Total for B-1 As Submitted	r Tools (10% of Labor Cost)	Cutting Outil	d. Vihro Hammer	c. Wedning Flacillist	h Walding Machine	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated),	Sub-Total for A-1 As Submitted	c, Laborer	יוורת נמטטיפו	a. Construction Foreman	Annual Control of the	Designation
					occo.	ated	litted									set	κ̄ο	Ğ	kg	kg	kg	κg		Unit												7	٦ -	£ p		-		No. of Units					6	6	1		No. of Person/s
																0.00	0.00	0.24	0.01	0.25	0.09	0.25		Quantity		**************************************										0.33	0.17	0.33	0.33	0.76		No. of Hour/s					1.00	1.00	1.00		No. of Hour/s
77	5% of (G.2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	1.00/ /0/070 07 0.1	12%/9%/7%/6% of G 1	12%/9%/7%/6% of G.1								m/00000	2.500.00	135.00	35.00	35.00	35.00	35.00	40.00		Unit Cost			WHITE I THE									45.45	4,118.00	2,659.44	539.00	3,237.00		Hourly Rate					45.16	58.61	80.95		Hourly Rate
		2.76		3./4	2 11	- 20	4 68		46.78	•			32,50	100	1 54	0.25	0.04	8.47	0,23	8.80	3,32	10.00		Amount (Php.)		14.12		356,00		5,026.03				4,322.49	70.35	30.00	700.06	877.62	177.87	2,466.59		Amount (Php.)			/03,54		270,94	351,65	80.95		Amount (Php.)

Prepared by: