



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

FORM POW-2015-01A-00

ITEMIZED BREAKDOWN

ITEMFIELD BREAKDOWN

ITEM NO.	DESCRIPTION	QUANTITY		UNIT	DIRECT COST				TOTAL UNIT COST		% DIRECT COST
		AS SUBMITTED	AS EVALUATED		TOTAL		UNIT COST		TOTAL		
					AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	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%
B.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(17)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%



FORM POW-2015-01B-00

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	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			
18	Vibro Hammer w/ Hydraulic 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			
TOTAL								



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

FORM POW-2015-01C-00

ITEMIZED BREAKDOWN												
ITEM NO.	DESCRIPTION		DETAILED BREAKDOWN OF COMPONENT COST FOR EACH ITEM									
			%	QTY	UNIT	DIRECT COST				TOTAL MARK-UP		5% VAT
						MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE	
PART A	Facilities for the Engineers											
A.1.1 (3)	Const. of Field Office for the Engineer	AS EVALUATED										
		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
A.1.1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	AS EVALUATED										
		AS SUBMITTED	0.37%	1.00	ls	300,000.00	-	-	300,000.00	0.00%	-	15,000.00
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
	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
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
B.5	Project Billboard	AS EVALUATED										
		AS SUBMITTED	0.01%	4.00	unit	8,597.40	1,153.93	-	9,751.33	18.00%	1,755.24	575.33
B.7	Occupational Safety & Health Program	AS EVALUATED										
		AS SUBMITTED	0.34%	1.00	ls	12,360.00	262,737.39	-	275,097.39	8.00%	22,007.79	14,855.26
B.9	Mobilization & Demobilization	AS EVALUATED										
		AS SUBMITTED	1.16%	1.00	ls	-	-	953,204.00	953,204.00	0.00%	-	47,660.20
	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
PART C	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
	TOTAL OF PART C	AS EVALUATED										
		AS SUBMITTED	2.40%			1,892,706.28	3,018.45	73,829.70	1,969,554.43		354,519.80	116,203.71
PART D	Subbase and Base Course											
200(1)	Aggregate Subbase Course	AS EVALUATED										
		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
	TOTAL OF PART D	AS EVALUATED										
		AS SUBMITTED	0.13%			96,287.09	336.29	9,094.41	105,717.80		19,029.20	6,237.35
PART F	Bridge Construction											
400(17)h	Concrete Piles Cast in Drilled Holes	AS EVALUATED										
		AS SUBMITTED	6.42%	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
400(17)l	Concrete Piles Cast in Drilled Holes	AS EVALUATED										
		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

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)h2	Permanent Casing	AS EVALUATED											
		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)a	Pile Integrity Testing	AS EVALUATED											
		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											
		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)a1	Structural Steel, Furnished, Fabricated and Erected	AS EVALUATED											
		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											
		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											
		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

DESCRIPTION OF WORKS TO BE DONE			ESTIMATED DIRECT COST	TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST
				%	TOTAL DIRECT COST			
PART A	Facilities for the Engineers	AS EVALUATED						
		AS SUBMITTED	1,256,811.91		79,961.14	66,838.65	146,799.79	1,403,611.70
PART B	Other General Requirements	AS EVALUATED						
		AS SUBMITTED	1,279,376.86		31,201.38	65,528.91	96,730.29	1,376,107.15
PART C	Earthworks	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	AS EVALUATED						
		AS SUBMITTED	105,717.80		19,029.20	6,237.35	25,266.55	130,984.35
PART F	Bridge Construction	AS EVALUATED						
		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						
		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:


JERALD R. BARRERAEngineer II
DPWH RO9

Checked/Submitted by:


ISIDRA A. ESTANISLAOEngineer IV
DPWH RO9

Evaluation:

Reviewed by:


SATURNINO C. TORREFRANCADistrict Engineer
DPWH RO9

Approval:

Recommending Approval


KHADAFF D. TANGGOLAssistant Regional Director
DPWH RO9

Approved:


CAYAMOMBAO D. DIA, CESO IVRegional Director
DPWH RO9



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

FORM POW-2015-02A-00


ITEM NO.	DESCRIPTION		QTY	UNIT	ESTIMATED DIRECT COST	TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						%	VALUE				
PART A	Facilities for the Engineers										
A.1.1 (3)	Const. of Field Office for the Engineer	AS EVALUATED									
		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
A.1.1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	AS EVALUATED									
		AS SUBMITTED	1.00	ls	300,000.00	0.00%	-	15,000.00	15,000.00	315,000.00	315,000.00
A.1.2 (5)	Operation & Maintenance of Gov't. Service Vehicles	AS EVALUATED									
		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									
		AS SUBMITTED			1,256,811.91		79,961.14	66,838.65	146,799.79	1,403,611.70	
PART B	Other General Requirements										
B.4(1)	Construction Survey and Staking	AS EVALUATED									
		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									
		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									
		AS SUBMITTED	1.00	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									
		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			-						
		AS SUBMITTED			1,279,376.86		31,201.38	65,528.91	96,730.29	1,376,107.15	
PART C	Earthworks										
104(5)	Boulder Fill	AS EVALUATED									
		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
	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										
200(1)	Aggregate Subbase Course	AS EVALUATED									
		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	
PART F	Bridge Construction										
400(17)h	Concrete Piles Cast in Drilled Holes	AS EVALUATED									
		AS SUBMITTED	105.00	ln.m	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									
		AS SUBMITTED	709.00	ln.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
400(26)a	Pile Integrity Testing	AS EVALUATED									
		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
400(27)	High Strain Dynamic Testing (PDA)	AS EVALUATED									
		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
403(5)a1	Structural Steel, Furnished, Fabricated and Erected	AS EVALUATED									
		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
	TOTAL OF PART F	AS EVALUATED			-						
		AS SUBMITTED			77,460,870.74		13,942,956.73	4,570,191.37	18,513,148.11	95,974,018.85	
	GRAND TOTAL	AS EVALUATED			-						
		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:

Prepared by:


JERALD R. BARRERA
 Engineer II
 DPWH RO9

Checked/Submitted by:


ISIDRA A. ESTANISLAO
 Engineer IV
 DPWH RO9

Evaluation:

Reviewed by:


SATURNINO C. TORREFRANCA
 District Engineer
 DPWH RO9

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

Net Length : 363.60 ln.m


[illegible]

Item No./Description : Const. of Field Office for the Engineer

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

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Construction Foreman	1	80	80.95	6,476.10
b. Masons	3	80	58.61	14,066.10
c. Carpenters	3	80	58.61	14,066.10
d. Laborers	6	80	45.16	21,675.00
Sub-Total for A-1 As Submitted				56,283.30
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
B.1				
Equipment				
a. One Bagger Mixer	1	32	172.00	5,504.00
b. Water Truck	1	8	2,450.00	19,600.00
Minor Tools (10% of Labor Cost)				5,628.33
Sub-Total for B-1 As Submitted				30,732.33
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				56,283.30
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.00
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				56,283.30
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
F.1				
Materials				
a. Materials	lumpsum	1	357,212.90	357,212.90
Sub-Total for F-1 As Submitted				357,212.90
Equipment				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				413,496.20
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				41,349.62
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				33,079.70
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				24,396.28
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				512,321.79
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:


JERALD R. BARRERA
Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
Engineer IV

Item No./Description : Prov. Of Furniture, Equipment, & Appliance for Field Engineer
Unit of Measurement : 1.00 ls
Output per hour-As Submitted : 1.00
Output per hour-As Evaluated :

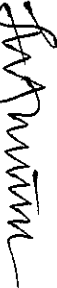
Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
Sub-Total for A-1 As Submitted				-
A.2				
Sub-Total for A-2 As Evaluated				
B.1				
Equipment	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Sub-Total for B-1 As Submitted				-
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				-
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.00
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 + D.1) - As Submitted				-
E.2				
Direct Unit Cost (C.2 + D.2) - As Evaluated				
F.1				
Materials	Unit	Quantity	Unit Cost	Amount (Php.)
a. Office Equipment/Facilities & Supplies	lumpsum	1	300,000.00	300,000.00
Sub-Total for F-1 As Submitted				300,000.00
Equipment				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1 + F.1) - As Submitted				300,000.00
G.2				
Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	-
H.2			12%/9%/7%/6% of G.1	-
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			10%/8% of G.1	-
I.1			10%/8% of G.1	-
Contractor's Profit - As Submitted			10%/8% of G.1	-
I.2			5% of (G.1+H1+I1)	15,000.00
Value Added Tax - As Submitted			5% of (G.2+H2+I2)	-
J.2			5% of (G.1+H1+I1+J1)	315,000.00
Total Unit Cost - As Submitted			(G.2+H2+I2+J1)	-
K.2				
Total Unit Cost - As Evaluated				

Prepared by:


JERALD R. BARRERA

Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO

Engineer IV

Item No./Description : Operation & Maintenance of Gov't. Service Vehicles
Unit of Measurement : 1.00 ls
Output per hour-As Submitted : 1.00
Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
A.1 a. Service Driver	1	1392	58.61	81,583.38
Sub-Total for A-1 As Submitted				81,583.38
Labor				
A.2				
Sub-Total for A-2 As Evaluated				-
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
B.1				
Equipment				
Sub-Total for B-1 As Submitted				-
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				-
C.1 Total (A.1+B.1) - As Submitted				81,583.38
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				1.00
D.2 Output per Hour - As Evaluated				-
E.1 Direct Unit Cost (C.1 + D.1) - As Submitted				81,583.38
E.2 Direct Unit Cost (C.2 + D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Diesel Fuel	ltrs	5,220.00	50.00	261,000.00
b. Engine Oil & Lubricants	ls	1.00	30,000.00	30,000.00
c. Tires	pcs	4.00	10,000.00	40,000.00
d. Spareparts etc.	ls	1.00	100,000.00	100,000.00
Sub-Total for F-1 As Submitted				431,000.00
Equipment				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				512,583.38
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	-
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1 Contractor's Profit - As Submitted			10%/8% of G.1	-
I.2 Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1 Value Added Tax - As Submitted			5% of (G.1+H1+I1)	25,629.17
J.2 Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1 Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	538,212.55
K.2 Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

Checked/Reviewed

JERALD R. BARRERA
JERALD R. BARRERA

Engineer II

ISIDRA A. ESTANISLAO
ISIDRA A. ESTANISLAO

Engineer IV

Construction of New Permanent Bridge along Jct. Polo - Dapitan Park National Road, Zamboanga del Norte
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Construction Survey and Staking
 Unit of Measurement : 0.36 km
 Output per hour-As Submitted : 1.00
 Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
<i>(For Field Works)</i>				
a. Geodetic Engineer	1	27	80.95	2,185.68
b. Skilled Laborer	3	27	58.61	4,747.31
c. Laborer	3	27	45.16	3,657.66
<i>(For Office Works)</i>				
a. Geodetic Engineer	1	80	80.95	6,476.10
b. Skilled Laborer	2	80	58.61	9,377.40
Sub-Total for A-1 As Submitted				26,444.15
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. Total Station with complete accessories	1	27	100.00	2,700.00
Sub-Total for B-1 As Submitted				2,700.00
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				29,144.15
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.00
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				29,144.15
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Standard Stake Plan	pcs	35	200.00	7,000.00
b. Blue Printing	pcs	115	40.00	4,600.00
Miscellaneous (5% of Materials)				580.00
Sub-Total for F-1 As Submitted				12,180.00
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				41,324.15
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	4,132.41
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	3,305.93
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	2,438.12
J.2				
Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1				
Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	51,200.62
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

Checked/Reviewed


JERALD R. BARRERA
 Engineer II


ISIDRA A. ESTANISLAO
 Engineer IV


Construction of New Permanent Bridge over Bridge along Jct. Polo - Dapitan Park National Road, Zamboanga del Norte
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Project Billboard
 Unit of Measurement : 4.00 unit
 Output per hour-As Submitted : 1.00
 Output per hour-As Evaluated : -

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Construction Foreman	1	1	80.95	80.95
b. Skilled Laborer	2	1	58.61	117.22
c. Laborer	2	1	45.16	90.31
Sub-Total for A-1 As Submitted				288.48
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
B.1				
Equipment				
Sub-Total for B-1 As Submitted				-
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				288.48
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				1.00
D.2 Output per Hour - As Evaluated				-
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				288.48
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
a. Marine Plywood, 3/8" thk x 4' x 8'	pcs	1.00	1,247.00	1,247.00
b. Tarpauling (4" x 8")	pcs	1.00	800.00	800.00
c. Assorted Lumber Sizes	bd.ft	50.00	20.00	1,000.00
d. Assorted Sizes CWN Nails	kg	1.00	78.00	78.00
Sub-Total for F-1 As Submitted				3,047.00
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				3,335.48
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	333.55
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1 Contractor's Profit - As Submitted			10%/8% of G.1	266.84
I.2 Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1 Value Added Tax - As Submitted			5% of (G.1+H1+I1)	196.79
J.2 Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1 Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	4,132.66
K.2 Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:


JERALD R. BARRERA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

Zamboanga del Norte

FORM-POW-2015-01D-00

Item No./Description	:	Boulder Fill
Unit of Measurement	:	1,286.68 cu.m
Output per hour-As Submitted	:	150.00
Output per hour-As Evaluated	:	-

	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
	Labor				
	a. Construction Foreman	1	1.00	80.95	80.95
A.1	b. Laborer	6	1.00	45.16	270.94
					-
					-
	Sub-Total for A-1 As Submitted				351.89
	Labor				
A.2					-
	Sub-Total for A-2 As Evaluated				-
	Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
	Equipment				
	a. Payloader	3	1.00	1,733.00	5,199.00
B.1	b. Dumptruck	3	0.80	1,420.00	3,408.00
					-
					-
					-
	Sub-Total for B-1 As Submitted				8,607.00
	Equipment				
B.2					
	Sub-Total for B-2 As Evaluated				
C.1	Total (A.1+B.1) - As Submitted				8,958.89
C.2	Total (A.2+B.2) - As Evaluated				-
D.1	Output per Hour - As Submitted				50.00
D.2	Output per Hour - As Evaluated				-
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				179.18
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1	Materials				
	a. Boulders (w/25% Shrinkage Factor)	cu.m	1.25	1,176.80	1,471.00
	Sub-Total for F-1 As Submitted				-
	Materials				1,471.00
F.2					
	Sub-Total for F-2 As Evaluated				-
G.1	Direct Unit Cost (E.1+F.1) - As Submitted				1,650.18
G.2	Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	165.02
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1	Contractor's Profit - As Submitted			10%/8% of G.1	132.01
I.2	Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1	Value Added Tax - As Submitted			5% of (G.1+H.1+I.1)	97.36
J.2	Value Added Tax - As Evaluated			5% of (G.2+H.2+I.2)	-
K.1	Total Unit Cost - As Submitted			(G.1+H.1+I.1+J.1)	2,044.57
K.2	Total Unit Cost - As Evaluated			(G.2+H.2+I.2+J.1)	-

Prepared by:

Checked/Reviewed

JERALD R. BARRERA
Engineer II

Isidra A. Estanislao
ISIDRA A. ESTANISLAO
Engineer IV

Construction of New Permanent Bridges , **Bridge along Jct. Polo - Dapitan Park National** , **Dapitan City, Zamboanga del Norte**
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Aggregate Subbase Course

Unit of Measurement : 98.18 cu.m

Output per hour-As Submitted : 50.00

Output per hour-As Evaluated : -

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Pnp.)
Labor				
a. Construction Foreman	1	1.00	80.95	80.95
b. Laborer	2	1.00	45.16	90.31
				-
				-
				-
Sub-Total for A-1 As Submitted				171.26
Labor				
				-
				-
A.2				
Sub-Total for A-2 As Evaluated				-
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Pnp.)
Equipment				
a. Motorized Road Grader	1	1.00	2,173.00	2,173.00
b. Vibratory Roller	1	1.00	1,846.00	1,846.00
c. Water Truck/Pump	1	0.25	2,450.00	612.50
Sub-Total for B-1 As Submitted				4,631.50
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				4,802.76
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				50.00
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				96.06
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Pnp.)
F.1				
Materials				
a. Aggregate Subbase Course	cu.m	1.15	852.80	980.72
				-
Sub-Total for F-1 As Submitted				980.72
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.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			12%/9%/7%/6% of G.1	107.68
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	86.14
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	63.53
J.2				
Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1				
Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	1,334.12
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J2)	-

Prepared by:

Checked/Reviewed


JERALD R. BARRERA
 Engineer II


ISIDORA A. ESTANISLAO
 Engineer IV

: Concrete Piles Cast in Drilled Holes

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

	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
	Labor				
A.1	a. Construction Foreman	1	1.00	80.95	80.95
	b. Skilled Laborer	5	1.00	58.61	293.04
	c. Laborer	6	1.00	45.16	270.94
	Fabrication of Cage Bar				
	a. Skilled Laborer	7	0.65	58.61	266.67
	b. Laborer	13	0.65	45.16	381.57
	Sub-Total for A-1 As Submitted				1,293.17
	Labor				
					-
A.2					
	Sub-Total for A-2 As Evaluated				-
	Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
	Equipment				
B.1	a. Drilling Rig	1	0.39	12,637.00	4,928.43
	b. Crawler Crane (41-45 mt)	1	0.97	2,151.00	2,086.47
	c. Crawler Crane (21-25 mt)	1	0.97	1,522.00	1,476.34
	d. Dumptruck	1	0.97	1,420.00	1,377.40
	e. Payloader	1	0.97	1,733.00	1,681.01
	f. Generator	1	0.97	2,659.44	2,579.66
	g. Bentonite Bin	1	0.61	280.00	170.80
	h. Bentonite Mixer	1	0.61	173.00	105.53
	i. Water Pump	1	0.86	123.38	106.11
	j. Water Truck	1	0.86	2,450.00	2,107.00
	k. Bar Cutter	1	0.65	219.75	142.84
	l. Bar Bender	1	0.65	351.50	228.48
	m. Welding Machine	1	0.76	599.00	455.24
	n. Cutting Outfit	1	0.76	45.45	34.54
	o. Tremie Pipe Set	1	0.22	320.00	70.40
	p. SPT & Desanding Machine	1	0.26	559.00	145.34
	q. Portable Breaker	2	0.03	129.38	7.76
	r. Air Compressor	1	0.03	1,265.00	37.95
	s. Lighting System/Tower Lights	1	0.97	543.50	527.20
	Minor Tools (10% of Labor Cost)				129.32
	Sub-Total for B-1 As Submitted				18,397.80
	Equipment				
B.2					
	Sub-Total for B-2 As Evaluated				
C.1	Total (A.1+B.1) - As Submitted				19,690.98
C.2	Total (A.2+B.2) - As Evaluated				-
D.1	Output per Hour - As Submitted				0.81
D.2	Output per Hour - As Evaluated				-
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				24,309.85
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
	Materials				
	a. Ready Mix Concrete, f'c=28 MPa	cum	1.94	4,150.00	8,051.00
	b. Reinforcing Steel Bar	kg	387.77	42.00	16,286.34
	c. Tie Wire	kg	7.76	68.00	527.68
	d. Oxygen/Aceylene	set	0.08	2,500.00	195.00
	e. Welding Rod	kg	0.19	135.00	25.65
	Miscellaneous (3% of Materials Cost)				
F.1					

Construction of New Permanent Bridge) Bridge along Jct. Polo - Dapitan Park National I, Dapitan City, Zamboanga del Norte
Zamboanga del Norte
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Concrete Piles Cast in Drilled Holes

Unit of Measurement : 709.00 ln.m

Output per hour-As Submitted : 0.73

Output per hour-As Evaluated : -

	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
	Labor				
A.1	a. Construction Foreman	1	1.00	80.95	80.95
	b. Skilled Laborer	5	1.00	58.61	293.04
	c. Laborer	6	1.00	45.16	270.94
	<i>Fabrication of Cage Bar</i>				
	a. Skilled Laborer	7	0.66	58.61	270.77
	b. Laborer	12	0.66	45.16	357.64
	Sub-Total for A-1 As Submitted				1,273.34
	Labor				
					-
A.2					
	Sub-Total for A-2 As Evaluated				-
	Equipment				
B.1	a. Drilling Rig	1	0.40	12,637.00	5,054.80
	b. Crawler Crane (41-45 mt)	1	0.98	2,151.00	2,107.98
	c. Crawler Crane (21-25 mt)	1	0.98	1,522.00	1,491.56
	d. Dumptruck	1	0.98	1,420.00	1,391.60
	e. Payloader	1	0.98	1,733.00	1,698.34
	f. Generator	1	0.98	2,659.44	2,606.25
	g. Bentonite Bin	1	0.62	280.00	173.60
	h. Bentonite Mixer	1	0.62	173.00	107.26
	i. Water Pump	1	0.88	123.38	108.57
	j. Water Truck	1	0.88	2,450.00	2,156.00
	k. Bar Cutter	1	0.66	219.75	145.04
	l. Bar Bender	1	0.66	351.50	231.99
	m. Welding Machine	1	0.76	599.00	455.24
	n. Cutting Outfit	1	0.76	45.45	34.54
	o. Tremie Pipe Set	1	0.22	320.00	70.40
	p. SPT & Desanding Machine	1	0.26	559.00	145.34
	q. Portable Breaker	2	0.02	129.38	5.18
	r. Air Compressor	1	0.02	1,265.00	25.30
	s. Lighting System/Tower Lights	1	0.98	543.50	532.63
	Minor Tools (10% of Labor Cost)				127.33
	Sub-Total for B-1 As Submitted				18,668.95
	Equipment				
B.2					
	Sub-Total for B-2 As Evaluated				
C.1	Total (A.1+B.1) - As Submitted				19,942.29
C.2	Total (A.2+B.2) - As Evaluated				-
D.1	Output per Hour - As Submitted				0.73
D.2	Output per Hour - As Evaluated				-
E.1	Direct Unit Cost (C.1 +D.1) - As Submitted				27,318.21
E.2	Direct Unit Cost (C.2 +D.2) - As Evaluated				-
	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1	Materials				
	a. Ready Mix Concrete, f _c '=28 MPa	cum	2.21	4,150.00	9,171.50
	b. Reinforcing Steel Bar	kg	413.63	42.00	17,372.46
	c. Tie Wire	kg	8.27	68.00	562.36
	d. Oxygen/Acetylene	set	0.08	2,500.00	207.50
	e. Welding Rod	kg	0.21	135.00	28.35
	Miscellaneous (3% of Materials Cost)				820.27
	Sub-Total for F-1 As Submitted				28,162.44
	Materials				
F.2					
	Sub-Total for F-2 As Evaluated				-
G.1	Direct Unit Cost (E.1+F.1) - As Submitted				55,480.65

Construction of New Permanent Bridge **Bridge along Jct. Polo - Dapitan Park National**
 Zamboanga del Norte
DETAILED UNIT PRICE ANALYSIS


FORM-POW-2015-01D-00

Item No./Description : Permanent Casing
 Unit of Measurement : 72.00 ln.m
 Output per hour-As Submitted : 2.00
 Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
A.1				
a. Construction Foreman	1	1.00	80.95	80.95
b. Skilled Laborer	4	1.00	58.61	234.44
c. Laborer	6	1.00	45.16	270.94
Sub-Total for A-1 As Submitted				586.32
Labor				
A.2				
Sub-Total for A-2 As Evaluated				-
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
B.1				
a. Truck Mounted Crane	1	1.00	3,237.00	3,237.00
b. Vibro Hammer w/ Hydraulic Power Pack	1	0.50	4,118.00	2,059.00
c. Welding Machine	1	0.50	539.00	269.50
d. Cutting Outfit	1	0.50	45.45	22.73
Minor Tools (10% of Labor Cost)				58.63
Sub-Total for B-1 As Submitted				5,646.86
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				6,233.18
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				2.00
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				3,116.59
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
F.1				
a. Steel Casing	m	1.03	24,000.00	24,600.00
b. Oxy/Acetylene	set	0.12	2,500.00	305.00
c. Welding Rod	kg	0.61	135.00	82.62
Sub-Total for F-1 As Submitted				24,987.62
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				28,104.21
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	2,810.42
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	2,248.34
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	1,658.15
J.2				
Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1				
Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	34,821.12
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

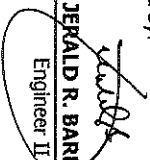
Checked/Reviewed


JERALD R. BARRERA
 Engineer II


ISIDRA A. ESTANISLAO
 Engineer IV

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

Prepared by:


JEKALD R. BARRERA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV


Construction of New Permanent Bridges **Bridge along Jct. Polo - Dapitan Park National**
Zamboanga del Norte
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Permanent Casing
Unit of Measurement : 456.00 ln.m
Output per hour-As Submitted : 1.50
Output per hour-As Evaluated : -

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Construction Foreman	1	1.00	80.95	80.95
b. Skilled Laborer	4	1.00	58.61	234.44
c. Laborer	6	1.00	45.16	270.94
Sub-Total for A-1 As Submitted				586.32
Labor				
				-
				-
Sub-Total for A-2 As Evaluated				-
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. Truck Mounted Crane	1	1.00	3,237.00	3,237.00
b. Vibro Hammer	1	0.50	4,118.00	2,059.00
c. Welding Machine	1	0.50	539.00	269.50
d. Cutting Outfit	1	0.50	45.45	22.73
Minor Tools (10% of Labor Cost)				58.63
Sub-Total for B-1 As Submitted				5,646.86
Equipment				
Sub-Total for B-2 As Evaluated				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				6,233.18
Total (A.1+B.1) - As Submitted				
C.2				-
Total (A.2+B.2) - As Evaluated				
D.1				1.50
Output per Hour - As Submitted				
D.2				-
Output per Hour - As Evaluated				
E.1				4,155.45
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				
E.2				-
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Steel Casing	m	1.03	28,500.00	29,212.50
b. Oxy/Acetylene	set	0.18	2,500.00	457.50
c. Welding Rod	kg	0.92	135.00	123.53
Sub-Total for F-1 As Submitted				29,793.53
Materials				
Sub-Total for F-2 As Evaluated				
F.2				-
Sub-Total for F-2 As Evaluated				
G.1				33,948.98
Direct Unit Cost (E.1+F.1) - As Submitted				
G.2				-
Direct Unit Cost (E.2+F.2) - As Evaluated				
H.1				3,394.90
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				
H.2				-
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				
I.1				2,715.92
Contractor's Profit - As Submitted				
I.2				-
Contractor's Profit - As Evaluated				
J.1				2,002.99
Value Added Tax - As Submitted				
J.2				-
Value Added Tax - As Evaluated				
K.1				42,062.79
Total Unit Cost - As Submitted				
K.2				-
Total Unit Cost - As Evaluated				

Prepared by: 
JERALD R. BARRERA
Engineer II

Checked/Reviewed: 
ISIDRA A. ESTANISLAO
Engineer IV

Item No./Description : Pile Integrity Testing

Unit of Measurement : 7.00 each

Output per hour-As Submitted : 1.00

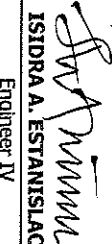
Output per hour-As Evaluated : -

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
<i>For Testing</i>				
a. Construction Foreman	1	4.00	80.95	323.81
b. Skilled Laborer	1	4.00	58.61	234.44
c. Laborer	1	4.00	45.16	180.63
<i>Pipe Installation</i>				
b. Skilled Laborer	2	4.00	58.61	468.87
c. Laborer	2	4.00	45.16	361.25
Sub-Total for A-1 As Submitted				1,568.99
Labor				
				-
A.2				
Sub-Total for A-2 As Evaluated				-
Equipment				
<i>Name and Capacity</i>	<i>No. of Units</i>	<i>No. of Hour/s</i>	<i>Hourly Rate</i>	<i>Amount (Php.)</i>
B.1				
a. Pile Integrity Testing	1	1.00	65,000.00	65,000.00
b. Welding Machine	1	4.00	539.00	2,156.00
Minor Tools (10% of Labor Cost)				156.90
Sub-Total for B-1 As Submitted				67,312.90
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				68,881.88
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				1.00
D.2 Output per Hour - As Evaluated				-
E.1 Direct Unit Cost (C.1 +D.1) - As Submitted				68,881.88
E.2 Direct Unit Cost (C.2 +D.2) - As Evaluated				-
Materials	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
a. Black/GI Pipe & Accessories	m	120.00	3,500.00	420,000.00
b. Welding Rod	kg	0.10	135.00	13.50
Miscellaneous (2% of Materials Cost)				4,200.14
Sub-Total for F-1 As Submitted				424,213.64
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				493,095.52
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	49,309.55
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1 Contractor's Profit - As Submitted			10%/8% of G.1	39,447.64
I.2 Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1 Value Added Tax - As Submitted			5% of (G.1+H.1+I.1)	29,092.64
J.2 Value Added Tax - As Evaluated			5% of (G.2+H.2+I.2)	-
K.1 Total Unit Cost - As Submitted			(G.1+H.1+I.1+J.1)	610,945.35
K.2 Total Unit Cost - As Evaluated			(G.2+H.2+I.2+J.2)	-

Prepared by:


JERALD R. BARERRA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

Item No./Description : High Strain Dynamic Testing (PDA)
 Unit of Measurement : 2.00 each
 Output per hour-As Submitted : 1.00
 Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
A.1				
a. Construction Foreman	1	4.00	80.95	323.81
b. Skilled Laborer	2	4.00	58.61	468.87
c. Laborer	4	8.00	45.16	1,445.00
Sub-Total for A-1 As Submitted				2,237.68
Labor				
A.2				
Sub-Total for A-2 As Evaluated				-
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. Dynamic Pile Testing	1	lot	103,000.00	103,000.00
b. Truck Mounted Crane	1	4.00	3,237.00	12,948.00
c. Drop Hammer	1	4.00	200.00	800.00
d. Air Compressor	1	8.00	965.00	7,720.00
e. Concrete Vibrator	1	0.60	91.25	54.75
f. Cutting Outfit	1	2.00	45.45	90.90
g. Welding Machine	1	2.00	539.00	1,078.00
Minor Tools (10% of Labor Cost)				223.77
Sub-Total for B-1 As Submitted				125,915.42
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				128,153.09
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.60
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				80,095.68
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Steel Casing	m	3.00	3,433.33	10,300.00
b. Ready Mixer Concrete, 3000 psi	cu.m	5.57	4,640.00	25,844.80
c. Welding Rod	kg	2.23	135.00	301.59
d. Oxy/Acetylene	set	0.45	2,500.00	1,117.50
Miscellaneous (5% of Materials Cost)				1,878.19
Sub-Total for F-1 As Submitted				39,442.08
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				119,537.77
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	11,953.78
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	9,563.02
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H.1+I.1)	7,052.73
J.2				
Value Added Tax - As Evaluated			5% of (G.2+H.2+I.2)	-
K.1				
Total Unit Cost - As Submitted			(G.1+H.1+I.1+J.1)	148,107.29
K.2				
Total Unit Cost - As Evaluated			(G.2+H.2+I.2+J.2)	-

Prepared by:

Checked/Reviewed

JERALD R. BARRERA
 Engineer II

ISIDRA A. ESTANISLAO
 Engineer IV

Construction of New Permanent Bridge , **Bridge along Jct. Polo - Dapitan Park National** , **Dapitan City, Zamboanga del Norte**
DETAILED UNIT PRICE ANALYSIS
 Zamboanga del Norte

FORM-POW-2015-01D-00

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

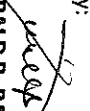
Unit of Measurement : 272,688.90 kg

Output per hour-As Submitted : 356.00

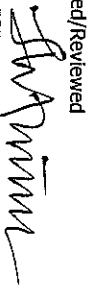
Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
A.1				
a. Construction Foreman	1	1.00	80.95	80.95
b. Skilled Laborer	6	1.00	58.61	351.65
c. Laborer	6	1.00	45.16	270.94
Sub-Total for A-1 As Submitted				703.54
Labor				
A.2				
Sub-Total for A-2 As Evaluated				-
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. Truck Mounted Crane	1	0.76	3,237.00	2,466.59
b. Welding Machine	1	0.33	539.00	177.87
B.1				
c. Generator Set	1	0.33	2,659.44	877.62
d. Vibro Hammer	1	0.17	4,118.00	700.06
e. Cutting Outfit	2	0.33	45.45	30.00
Minor Tools (10% of Labor Cost)				70.35
Sub-Total for B-1 As Submitted				4,322.49
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				5,026.03
C.2				
Total (A.2+B.2) - As Evaluated				
D.1				
Output per Hour - As Submitted				356.00
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 +D.1) - As Submitted				14.12
E.2				
Direct Unit Cost (C.2 +D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Structural Steel, Grade 50	kg	0.25	40.00	10.00
b. WF 21"x9m	kg	0.09	35.00	3.32
c. Tubular Pipe	kg	0.25	35.00	8.80
d. Cover Plate	kg	0.01	35.00	0.23
e. Channel	kg	0.24	35.00	8.47
f. Welding Rod	kg	0.00	135.00	0.04
g. Oxy/Acetylene	set	0.00	2,500.00	0.25
Miscellaneous (1% of Materials Cost)				1.54
Sub-Total for F-1 As Submitted				32.66
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				-
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				46.78
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	-
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	4.68
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	-
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	3.74
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	-
J.2				
Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	2.76
K.1				
Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	-
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J2)	57.96

Prepared by:


JERALD R. BARRERA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV