



## PROGRAM OF WORK/BUDGET COST

EO	DM	POV	V-201	5-01	-04

lane km

Project	:	Widening of Permanent Bridges - Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga City Road, Licomo, Zamboanga City
Project ID		
Location		Zamboanga City
Station Limits	:	1854+360.00 - 1854+585.21 (Approach), 1854+585.21 - 1854+706.41 (Bridge), 1854+706.41 - 1854+800.00 (Approach)
Source of Funds	20	CV-2019

	(b) Bridge	21-11-2-2-	121.20	ln.m		
	(c) Others		318.80	MANAGEM	(Approaches)	
Target Start Date	:					
Total Project Duration	į	360	Caler	ndar Days		
	-					

Unworkable Days	:	
252		

No. of Pre-determined :

: (a) Road

Net Length

Calendar Days Calendar Days

In.m

	DESCRIPTION OF WORKS TO BE DONE	QUANTITY	UNIT		AS SUBMITTED	AS EVALUATED		
		QOARTITI	ONII	% TOTAL	TOTAL DIRECT COST	% TOTAL	TOTAL DIRECT COST	
ART	A: Facilities for the Engineers			1.28%	1,249,640.95			
	B: Other General Requirements			1.31%	1,280,309.15			
	C: Earthworks			3.68%	3,592,417.99			
	D: Subbase and Base Course			2.03%	1,984,618.33			
	E: Surface Courses			5.89%	5,750,235.55			
	F: Bridge Construction			81.37%	79,432,114.54			
	G: Drainage and Slope Protection Structures			4.31%	4,206,950.75		<del></del>	
	H: Miscellaneous Structure			0.12%	118,962.61		TOTAL DIRECT COST	

100.00%

97,615,249.87

## EQUIPMENT:

REQUIRED
-2015-01B-00)

## **BREAKDOWN OF EXPENDITURES:**

	AS SUBMITTED	AS EVALUATED
1. Labor	5,827,515.96	
2. Materials	75,894,991.52	
3. Rental of Equipment	15,892,742.40	
4. Provisional Sum/Daywork		
5. OCM and Profit	17,219,844.03	
6. Value Added Tax	5,741,754.70	
7. EAO, 3.5%	4,375,000.00	
8. RROW Acquisition		
9. Physical Reseved (Contigency)	48,151.40	
10. TOTAL ESTIMATED COST	125,000,000.00	

	AS SUBMITTED	AS EVALUATED
A. Total Direct Cost	97,615,249.87	
B. OCM and Profit	17,219,844.03	
C. Value Added Tax	5,741,754.70	
D. Total Construction Cost	-	
E. Eng'g. & Administrative Overhead	4,375,000.00	
F. RROW Acquisition	-	
G. Physical Reserved (Contingency)	48,151.40	
H. TOTAL ESTIMATED COST	125,000,000.00	

Preparation and Submission:

Prepared by:

Checked/Submitted by:

**Evaluation:** Reviewed by:

Recommending Approval

Approval:

Approved:

**ELWICK P. ACUÑA** 

Engineer II

Maintenance Division

ISIDRA A. ESTANISLAO

Engineer IV Maintenance Division SATURNINO C, TORREFRANCA

District Engineer

Planning & Design Division

KHADAFTY D TANGGOL

CAYAMOMBAO D. DIA

Regional Director



## Widening of Permanent Bridges - Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga City Road, Licomo, Zamboanga City Zamboanga City

FORM POW-2015-01A-00

## ITEMIZED BREAKDOWN

		QUAI	ITTTY		E	DIRECT	COST		TOTAL UNIT COST		% DIRECT
ITEM NO	DESCRIPTION	QUAI	41711	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 EVALUATE
PART A	Facilities for the Engineers										
A.1.1(3)	Construction of Field Office for the Engineer	1.00		L.S.	436,827.75		436,827.75		541,229.58		0.45%
A.1.1(11)	Provision of Provision of Furnitures/Fixtures, Equipment and Appliances for the Field Office for the Field Engineer	1.00		L.S.	317,340.00		317,340.00		359,863.56		0.33%
A.1.2(5)	Operation and Maintenance of 4 x 4 Pick-Up Type Service Vehicle for the Engineer	12.00		month	495,473.20		41,289.43		43,353.91		0.51%
	TOTAL OF PART A				1,249,640.95						1.28%
PART B	Other General Requirements										
B.4(1)	Construction Survey & Staking	0.44		km.	19,014.19		43,214.07		53,542.23		0.02%
B.5	Project Billboard/Signboard	4.00		each	18,337.96		4,584.49		5,680.18		0.02%
B.7	Occupation Safety & Health	12.00		month	372,123.00		31,010.25		35,165.62		0.38%
B.9	Mobilization & Demobilization	1.00		L.S.	870,834.00		870,834.00		914,375.70		0.89%
	TOTAL OF PART B				1,280,309.15						1.31%
PART C	Earthworks	La folkari.									
101(1)	Removal of Structure/Obstructions	1.00		L.S.	200,107.50		200,107.50		210,112.88		0.20%
101(8)	Removal of Existing Guardrails	24.00		ln.m.	932.72		38.86		48.15		0.00%
101(9)	Removal of Existing Guardrail Posts	10.00		each	971.58		97.16		120.38		0.00%
101(10)	Removal of Existing Road Signs	6.00		each	932.72		155.45		192.61		0.00%
103(1)a	Structure Excavation	63.04		cu.m.	14,546.68		230.75		285.90		0.01%
103(2)a	Bridge Excavation, Common Soil	271.64		cu.m.	62,882.76		231.49		286.82		0.06%
103(2)b	Bridge Excavation, Soft Rock	878.40		cu.m.	304,955.99		347.17		430.15		0.31%
104(1)a	Embankment from Roadway Excavation	797.52		cu.m.	184,148.53		230.90		286.09		0.19%
104(2)a	Embankment from Borrow	4,812.33		cu.m.	2,798,335.13		581.49		720.47		2.87%
105(1)a	Subgrade Preparation	1,536.89		sq.m.	24,604.40		16.01		19.84		0.03%
	TOTAL OF PART C				3,592,417.99						3.68%
PART D	Subbase and Base Course										
200(1)	Aggregate Subbase Course	1,209.04		cu.m.	1,984,618.33		1,641.48		2,033.80		2.03%
	TOTAL OF PART D				1,984,618.33						2.03%
PART E	Surface Courses										
311(1)a	Portland Cement Concrete Pavement	828.47		sq.m.	883,135.99		1,065.98		2,418.80	Des	0.90%
311(1)e1	Portland Cement Concrete Pavement	2,493.11		sq.m.	4,867,099.56		1,952.22		2,418.80		4.99%
	TOTAL OF PART E				5,750,235.55						5.89%

		OUA	YTITY			DIRECT	COST		TOTAL U	NIT COST	% DIRECT
ITEM NO.	DESCRIPTION	QUAI	41114	UNIT	TOT	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 F	Bridge Construction					<b>有国务的</b>				Medial and a second	Alexander held
400(1)a1	Precast Concrete Piles, furnished (400 mm x 400 mm)	3,630.00		m.	13,013,480.85		3,584.98		4,441.79		13.33%
400(6)	Structural Steel Sheet Piles, furnished	3,408.00		kg.	11,470,652.52		3,365.80		4,170.23		11.75%
400(12)	Structural Steel Sheet Piles, driven	2,886.00		kg.	2,838,289.45		983.47		1,218.52		2.91%
400(14)	Precast Concrete Piles, driven (soft strata)	3,509.00	·	m.	5,580,168.21		1,590.24		1,970.31		5.72%
400(16)a	Test Piles, furnished and driven	150.00		ra.	643,311.69		4,288.74		5,313.75		0.66%
401(2)a	Concrete Railing	240.60		m.	764,998.58		3,179.55		3,939.46		0.78%
402(1)	Timber Structure	18.00		span	4,290,632.93		238,368.50		295,338.57		4.40%
404(1)a	Reinforcing Steel, Grade 40	9,264.30		kg.	453,700.76		48.97		60.68	, ,	0.46%
404(1)b	Reinforcing Steel, Grade 60	161,031.40		kg.	8,224,360.05		51.07		63.28		8.43%
405(1)b2	Structural Concrete, Class "A"	1,096.05		cu.m.	10,453,519.06		9,537.45		11,816.90		10.71%
406(1)f8	Prestressed Structural Concrete Member, Type IV-8	16.00		each	15,065,181.41		941,573.84		1,166,609.99		15.43%
407(8)	Lean Concrete	23.73		cu.m.	154,009.52		6,490.08		8,041.21		0.16%
412(1)	Elastomeric Bearing Pad	32.00		each	526,028.48		16,438.39		20,367.17		0.54%
413(3)b	Premoided Expansion Joint Filler with Sealant	9.72		cu.m.	4,958.31		510.11		632.03		0.01%
413(7)a1	Expansion Dam for Bridges (Steel)	3.00		set	1,304,595.57		434,865.19		538,797.97		1.34%
414(1)	Forms and Falsework	1.00	-	L.S.	4,644,227.15		4,644,227.15		5,754,197.44	<u>.</u>	4.76%
	TOTAL OF PART F				79,432,114.54						81.37%
PART G	Drainage and Slope Protection Structures		4 90 60 97 0000	272532743	en en en versioner	(5) 44 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Series regression	20-53 417 (C. 100)	eAsawale et allaca	
505(2)a	Grouted Riprap, Class "A"	849.38		cu.m.	3,824,799.61		4,503.05		5,579.28	5. (4. (4. (4. (4. (4. (4. (4. (4. (4. (4	3.92%
508(1)	Hand Laid Rock Embankment	186,51		cu.m.	382,151.14		2,048.96		2,538.66		0.39%
	TOTAL OF PART G				4,206,950.75						4.31%
PART H	Miscellaneous Structure			55 T 15 S 1 S 1 S 1				50.000 (55.00 kg/kg/kg/kg/kg/kg/kg/kg/kg/kg/kg/kg/kg/k	A 1 3 6 7 9 7 7 5 A		distribute Militari
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	88.00		sq.m.	65,140.30	20 A 1 S 20 C 20	740.23		917,15	and the second s	0.07%
612(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	66.00		sq.m.	53,822.31		815.49		1,010.39		0.05%
	TOTAL OF PART H				118,962.61			· · · · · · · · · · · · · · · · · · ·			0.12%
-	GRAND TOTAL				97,615,249.87						100.00%

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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	10	26	Diesel Hammer		1
2	Bulldozer		2	27	Drop Hammer		1
3	Backhoe	0.83 cu.m/1.04 cu. Yd	3	28	Jack Hammer		2
4	Road Grader		2	29	Air Compressor	356 - 450 cfm	1
5	Road Roller	10 mt	2	30	Service Crane	21 - 25 mt.	1
6	Payloader	1.50 cu.m/1.95 cu.yd	4	31	Crawler Crane with Bucket	36 - 40 mt.	1
7	Water Truck/Pump	16000L	2	32	Truck Mounted Crane with Bucket	41 - 45 mt.	1
8	Water Tank		2	33	Stressing (Jack) Machine		1
9	Transit Mixer	5-6 cu. Yd	4	34	Grouting Machine, Air Driven		1
10	Concrete Screeder		1	35			
11	Concrete Vibrator		2	36			
12	Concrete Cutter		2	37			
13	Bar Cutter		1	38			
14	Bar Bender		1	39			
15	One Bagger Mixer	4-6 cu.ft/min	2	40			
16	Plate Compactor		1	41			
17	Concrete Batching Plant		1	42			
18	Cargo Truck	2 - 5 mt	1	43			
19	Cargo Truck	9 - 10 mt	1	44			
20	Boom Truck		1	45			
21	Truck Mounted Crane		1	46			
22	Vibro Hammer	272.22 hp	1	47			
23	Generator Set	7000 kW	1	48			
24	Welding Machine	500A	1	49			
25	Cutting Outfit		2	50			
	SUB-TOTAL		51		SUB-TOTAL		10



P :GIONAL OFFICE IX

## Widening of Permanent Bridges - Tigbao Bridge (B0055smN) Along Pagadian City - Zamboanga City Road, Licomo, Zamboanga City Zamboanga City

9167067600

FORM POW-2015-01C-00

						ITEMIZEI	BREAKDOWN						
							DETAI	LED BREAKDOWN	OF COMPONENT C	OST FOR EA	CH ITEM		
ITEM NO	. DESCRIPTION						DIREC				AL MARK-UP		TOTAL COST  \$41,229.5  359,863.5  \$20,246.8  1,421,340.00  23,558.5  22,720.7  421,987.4  914,375.70  1,382,642.50  210,112.88  1,155.64  1,203.7  1,155.64  18,023.33  77,911.73
			%	QTY	UNIT	MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE	5% VAT	TOTAL COST
PART A	Facilities for the Engineers		Estila Sasa			THE LEGAL	DOR	EQUIPMENT	TOTAL	70	VALUE	Service sectors and a second	
		AS EVALUATED			CHESING DELICATED								
A.1.1(3)	Construction of Field Office for the Engineer	AS SUBMITTED	0.45%	1.00	L.S.	359,442.45	45,026.64	32,358.66	426 027 75	10.000/	70 000 00		
	Description of Providing of F. W. William F. J.	AS EVALUATED	0.1570	1,00	L.J.	339,412.13	43,020.04	32,338.00	436,827.75	18.00%	78,628.99	25,772.84	541,229.5
A.1.1(11)	Provision of Provision of Furnitures/Fixtures, Equipment and Appliances for the Field Office for the Field Engineer	AS SUBMITTED	0.33%	1.00	L.S.	317,340.00			247.242.22	0.000/			
		AS EVALUATED	0.55%	1.00	L.J.	317,340.00	-		317,340.00	8.00%	25,387.20	17,136.36	359,863.5
A.1.2(5)	Operation and Maintenance of 4 x 4 Pick-Up Type Service Vehicle for the Engineer	AS SUBMITTED	0.510/	12.00		000 000 00							
			0.51%	12.00	month	326,680.00	168,793.20		495,473.20	0.00%		24,773.66	520,246.8
	TOTAL OF PART A	AS EVALUATED	4.0004										
		AS SUBMITTED	1.28%		CAST THE REST OF THE PARTY OF T	1,003,462.45	213,819.84	32,358.66	1,249,640.95		104,016.19	67,682.86	1,421,340.0
PART B	Other General Requirements					0.0000000000000000000000000000000000000							
B.4(1)	Construction Survey & Staking	AS EVALUATED											
		AS SUBMITTED	0.02%	0.44	km.	4,851.00	11,875.63	2,287.56	19,014.19	18.00%	3,422.55	1,121.84	23,558.5
B.5	Project Billboard/Signboard	AS EVALUATED											
		AS SUBMITTED	0.02%	4.00	each	14,660.00	3,677.96	-	18,337.96	18.00%	3,300.83	1,081.94	22,720.7
B.7	Occupation Safety & Health	AS EVALUATED											
		AS SUBMITTED	0.38%	12.00	month	26,760.00	285,363.00	60,000.00	372,123.00	8.00%	29,769.84	20,094.64	421,987.4
B.9	Mobilization & Demobilization	AS EVALUATED											
		AS SUBMITTED	0.89%	1.00	L.S.	-		870,834.00	870,834.00	0.00%	- 1	43,541.70	914,375.7
	TOTAL OF PART B	AS EVALUATED											
	TOTAL OF FARE D	AS SUBMITTED	1.31%			46,271.00	300,916.59	933,121.56	1,280,309.15		36,493.23	65,840.12	1,382,642.50
PART C	Earthworks												
101(1)	Domoural of Sharehura /Oh aharehura	AS EVALUATED											
101(1)	Removal of Structure/Obstructions	AS SUBMITTED	0.20%	1.00	L.S.	7-0	30,303.50	169,804.00	200,107.50	0.00%		10,005.38	210,112.8
101(0)	D	AS EVALUATED											,
101(8)	Removal of Existing Guardrails	AS SUBMITTED	0.00%	24.00	ln.m.		205.52	727.20	932.72	18.00%	167.89	55.03	1,155.6
40440		AS EVALUATED											
101(9)	Removal of Existing Guardrail Posts	AS SUBMITTED	0.00%	10.00	each		214.08	757.50	971.58	18.00%	174.88	57.32	1 203 7
		AS EVALUATED											2/20017
101(10)	Removal of Existing Road Signs	AS SUBMITTED	0.00%	6.00	each		205.52	727.20	932.72	18.00%	167.89	55.03	1 155 6
		AS EVALUATED						727120	302.72	10.0070	107.03	33.03	1,155.0
103(1)a	Structure Excavation	AS SUBMITTED	0.01%	63.04	cu.m.		682.16	13,864.52	14,546.68	18.00%	2,618.40	858.25	10.022.2
		AS EVALUATED	0.0270	00.01			002.10	15,004.52	14,540.00	10.00%	2,016.40	838.23	18,023.3.
103(2)a	Bridge Excavation, Common Soil	AS SUBMITTED	0.06%	271.64	cu.m.		3,122.13	59,760.63	62,882.76	10.00%	11 710 00	2.710.00	77.044.70
		AS EVALUATED	0.0070	271.01	cu.iii.		3,122.13	39,760.03	02,002.70	18.00%	11,318.90	3,710.08	//,911./.
103(2)b	Bridge Excavation, Soft Rock	AS SUBMITTED	0.31%	878.40	511 m		14.422.06	200 522 44	204 055 00	10.000/	F4 000 00		
-		AS EVALUATED	0.51%	878.40	cu.m.		14,422.86	290,533.14	304,955.99	18.00%	54,892.08	17,992.40	377,840.48
104(1)a	Embankment from Roadway Excavation	LANDAMERA MESSAN MESSAN	0.100/	707.50			1000.00						
		AS SUBMITTED  AS EVALUATED	0.19%	797.52	cu.m.		4,999.06	179,149.47	184,148.53	18.00%	33,146.73	10,864.76	228,160.02
104(2)a	Embankment from Borrow	30.72430.000303000	2.070/	1017.55		2 222 222	40.00						
		AS SUBMITTED	2.87%	4,812.33	cu.m.	2,336,085.44	16,483.55	445,766.13	2,798,335.13	18.00%	503,700.32	165,101.77	3,467,137.22
105(1)a	Subgrade Preparation	AS EVALUATED											
5.4789	0.64 0.61	AS SUBMITTED	0.03%	1,536.89	sq.m.		877.38	23,727.02	24,604.40	18.00%	4,428.79	1,451.66	30,484.85
	TOTAL OF PART C	AS EVALUATED											
		AS SUBMITTED	3.68%			2,336,085.44	71,515.74	1,184,816.80	3,592,417.99		610,615.89	210,151.69	4,413,185.57

ĺ							DETA	ILED BREAKDOWN	OF COMPONENT C	OST FOR EA	CH ITEM		
ITEM NO.	DESCRIPTION		%	QTY	UNIT	1	DIREC	T COST		ТОТ	AL MARK-UP		
			76	QII	ORE	MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE	5% VAT	TOTAL COST
PART D	Subbase and Base Course												ako arausaton arau 6000k
200(1)	Aggregate Subbase Course	AS EVALUATED											
200(1)	Aggregate subbase course	AS SUBMITTED	2.03%	1,209.04	cu.m.	1,868,483.66	4,141.29	111,993.38	1,984,618.33	18.00%	357,231.30	117,092.48	2,458,942.12
	TOTAL OF PART D	AS EVALUATED											
	TOTAL OF PART D	AS SUBMITTED	2.03%			1,868,483.66	4,141.29	111,993.38	1,984,618.33		357,231.30	117,092.48	2,458,942.12
PART E	Surface Courses	210 S/42 19	ngarenar.	West fetter of the	ARRANGE.	10/00/00/00				Saeta galga	Takk British Karak	distribute service and distributed	ARCOEST CORPORATE
311(1)a	Portland Cement Concrete Pavement	AS EVALUATED											
J11(1)0	Postalia Centeric Concrete Pavement	AS SUBMITTED	0.90%	828.47	sq.m.	783,587.37	6,617.12	92,931.50	883,135.99	18.00%	158,964.48	52,105.02	1,094,205.49
311/1)61	Portland Cement Concrete Pavement	AS EVALUATED		·									
311(1)e1	Portunita Concrete Pavement	AS SUBMITTED	4.99%	2,493.11	sq.m.	4,307,917.57	37,169.51	522,012.49	4,867,099.56	18.00%	876,077.92	287,158.87	6,030,336.36
	TOTAL OF PART E	AS EVALUATED											***************************************
	TOTAL OF PART E	AS SUBMITTED	5.89%			5,091,504.94	43,786.62	614,943.99	5,750,235.55		1,035,042.40	339,263,90	7,124,541.85
PART F	Bridge Construction	4/2004/09/09	\$218.85\$		447. j				508/65/02/49/69	anticto		Alegera (sa Arabata sa 1866	
400/1\21	Precast Concrete Piles, furnished (400 mm x 400 mm)	AS EVALUATED											
700(1)a1	Precast Concrete Piles, familished (400 links x 400 links)	AS SUBMITTED	13.33%	3,630.00	m.	10,379,095.65	982,475.84	1,651,909.36	13,013,480.85	18.00%	2,342,426.55	767,795.37	16,123,702.77
400(6)	Structural Strot Short Dilas furnished	AS EVALUATED											
700(0)	Structural Steel Sheet Piles, furnished	AS SUBMITTED	11.75%	3,408.00	ln.m.	11,332,281.60	13,654.78	124,716.14	11,470,652.52	18.00%	2,064,717.45	676,768.50	14,212,138.48
400(12)	Structural Steel Sheet Piles, driven	AS EVALUATED											
400(12)	Structural Steel Street Piles, unveil	AS SUBMITTED	2.91%	2,886.00	la.m.	238,035.09	203,042.00	2,397,212.36	2,838,289.45	18.00%	510,892.10	167,459.08	3,516,640.63
400(14)	Describe Course Pilos del Control Control	AS EVALUATED		•									
400(24)	Precast Concrete Piles, driven (soft strata)	AS SUBMITTED	5.72%	3,509.00	m.	1,500,392.26	1,028,635.94	3,051,140.01	5,580,168.21	18.00%	1,004,430.28	329,229.92	6,913,828.41
400(16)-	Tak Bull Carlet day July	AS EVALUATED	···········										
+00(10)a	Test Piles, furnished and driven	AS SUBMITTED	0.66%	150.00	m.	468,912.60	43,971.33	130,427.76	643,311.69	18.00%	115,796.10	37,955.39	797,063.18
401/2\	C B-W	AS EVALUATED											
401(2)a	Concrete Railing	AS SUBMITTED	0.78%	240.60	m.	542,144.23	184,998.50	37,855.85	764,998.58	18.00%	137,699.74	45,134.92	947,833.24
402(1)	Tooker Structure	AS EVALUATED											
402(1)	Timber Structure	AS SUBMITTED	4.40%	18.00	span	3,615,000.00	101,309.94	574,322.99	4,290,632.93	18.00%	772,313.93	253,147.34	5,316,094.21
404(1)-	Deletarate Charles Con de 40	AS EVALUATED		•									
404(1)a	Reinforcing Steel, Grade 40	AS SUBMITTED	0.46%	9,264.30	kg.	389,100.60	28,792.35	35,807.81	453,700.76	18.00%	81,666.14	26,768.34	562,135.24
404(1)5	D-1-f( Co1 - Co1 - CO	AS EVALUATED											
404(1)b	Reinforcing Steel, Grade 60	AS SUBMITTED	8.43%	161,031.40	kg.	7,101,484.74	500,466.58	622,408.73	8,224,360.05	18.00%	1,480,384.81	485,237.24	10,189,982.10
405/11/2	Chambrid Courses Olive Fall	AS EVALUATED											
402(1)02	Structural Concrete, Class "A"	AS SUBMITTED	10.71%	1,096.05	cu.m.	9,612,659.91	148,325.43	692,533.71	10,453,519.06	18.00%	1,881,633.43	616,757.62	12,951,910.11
405(1)60		AS EVALUATED											
406(1)f8	Prestressed Structural Concrete Member, Type IV-B	AS SUBMITTED	15.43%	16.00	each	11,520,000.00	1,039,313.28	2,505,868.13	15,065,181.41	18.00%	2,711,732.65	888,845.70	18,665,759.76
407(0)	) C	AS EVALUATED						·					
407(8)	Lean Concrete	AS SUBMITTED	0.16%	23,73	cu.m.	138,376.16	3,896.34	11,737.03	154,009.52	18.00%	27,721.71	9,086.56	190,817.80
44040		AS EVALUATED											
412(1)	Elastomeric Bearing Pad	AS SUBMITTED	0.54%	32.00	each	517,348.04	5,480.44	3,200.00	526,028.48	18.00%	94,685.13	31,035.68	651,749.29
		AS EVALUATED											
413(3)b	Premoided Expansion Joint Filler with Sealant	AS SUBMITTED	0.01%	9.72	cu.m.	4,860.00	89.37	8.94	4,958.31	18.00%	892.50	292.54	6,143.35
44.77	S	AS EVALUATED							· · · · · · · · · · · · · · · · · · ·				
413(7)a1	Expansion Dam for Bridges (Steel)	AS SUBMITTED	1.34%	3.00	set	208,169.86	211,062.38	885,363.34	1,304,595.57	18.00%	234,827.20	76,971.14	1,616,393.91
		AS EVALUATED					·				, , , , , , , , , , , , , , , , , , , ,	,	-4
414(1)	Forms and Falsework	AS SUBMITTED	4.76%	1.00	L.S.	4,320,125.00	281,416.50	42,685.65	4,644,227.15	18.00%	835,960.89	274,009.40	5,754,197.44
		AS EVALUATED				, , , , , , , , , , , , , , , , , , , ,	,	,	. ,			,	
	TOTAL OF PART F	AS SUBMITTED	81.37%			61,887,985.74	4,776,931.00	12,767,197.80	79,432,114.54		14,297,780.62	4,686,494.76	98,416,389.91

							DETAI	LED BREAKDOWN	OF COMPONENT C	OST FOR EA	СН ІТЕМ	***************************************	***************************************
ITEM NO.	DESCRIPTION		%	QTY	UNIT		DIREC	T COST		TOT	AL MARK-UP		
			70	Q11	OKII	MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE	5% VAT	TOTAL COST
PART G	Drainage and Slope Protection Structures		erinery (			ierzel Egylyskepet erz		Property and a	using water	\$18\$\$5.55£			
505(2)3	Grouted Riprap, Class "A"	AS EVALUATED											
303(Z)a	Grouteu Kiptap, Class A	AS SUBMITTED	3.92%	849.38	cu.m.	3,206,545.68	380,127.28	238,126.66	3,824,799.61	18.00%	688,463.93	225,663.18	4,738,926.72
508(1)	Hand Laid Rock Embankment	AS EVALUATED											
200(1)	Hand Laid Rock Empanighent	AS SUBMITTED	0.39%	186.51	cu.m,	345,424.45	33,387.90	3,338.79	382,151.14	18.00%	68,787.20	22,546.92	473,485.26
	TOTAL OF PART G	AS EVALUATED											
	TOTAL OF PART G	AS SUBMITTED	4.31%			3,551,970.12	413,515.18	241,465.45	4,206,950.75		757,251.13	248,210.09	5,212,411.98
PART H	Miscellaneous Structure				A STATE OF		yederler en	44000000000000000000000000000000000000		des Sentants		49,490,606,606,606	
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	AS EVALUATED											
012(1)	Renectorized Thermoplastic Pavement Plankings (Wilke)	AS SUBMITTED	0.07%	88,00	sq.m.	59,577.76	1,651.25	3,911.29	65,140.30	18.00%	11,725.25	3,843.28	80,708.84
612(2)	Reflecterized Thomsels Daysment Markings (Volland)	AS EVALUATED											
012(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	AS SUBMITTED	0.06%	66.00	sq.m.	49,650.40	1,238.44	2,933.46	53,822.31	18.00%	9,688.01	3,175.52	66,685.84
	TOTAL OF PART H	AS EVALUATED											
	TOTAL OF PART II	AS SUBMITTED	0.12%			109,228.17	2,889.69	6,844.75	118,962.61		21,413.27	7,018.79	147,394.67
	GRAND TOTAL	AS EVALUATED											
	GRAND TOTAL	AS SUBMITTED	100.00%			75,894,991.52	5,827,515.96	15,892,742.40	97,615,249.87		17,219,844.03	5,741,754.70	120,576,848.60





## **GIONAL OFFICE IX**

## Widening of Permanent Bridges - Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga City Road, Licomo, Zamboanga City Zamboanga City

## SUMMARY OF APPROVED BUDGET FOR THE CONTRACT

	DESCRIPTION OF WORKS TO BE	DONE	ESTIMATED DIRECT COST-	1	TOTAL MARK-UP	272.2722		
			ESTIMATED DIRECT COST	%	TOTAL DIRECT COST	VAT	TOTAL INDIRECT COST	TOTAL COST
PART A	Facilities for the Engineers	AS EVALUATED						
-00/200000 B/O		AS SUBMITTED	1,249,640.95		104,016.19	67,682.86	171,699.05	1,421,340.00
PART B	Other General Requirements	AS EVALUATED						1, 121,5 10.00
	outer obtain requirements	AS SUBMITTED	1,280,309.15		36,493.23	65,840.12	102,333.35	1,382,642.50
PART C	Earthworks	AS EVALUATED						1,302,012.30
	23.4.00.10	AS SUBMITTED	3,592,417.99		610,615.89	210,151.69	820,767.58	4,413,185.57
PART D	Subbase and Base Courses	AS EVALUATED		37			320), 6, 100	1, 113,103.37
	Subsuse and base courses	AS SUBMITTED	1,984,618.33		357,231.30	117,092.48	474,323.78	2,458,942.12
PART E	Surface Courses	AS EVALUATED					., 1/5251.70	2,130,312.12
.,	Surface Courses	AS SUBMITTED	5,750,235.55		1,035,042.40	339,263.90	1,374,306.30	7,124,541.85
PART F	Bridge Construction	AS EVALUATED					2/07 1/000.00	7,127,371.03
170011	Bridge Corist dector	AS SUBMITTED	79,432,114.54		14,297,780.62	4,686,494.76	18,984,275.37	98,416,389.91
PART G	Drainage and Slope Protection Structures	AS EVALUATED				, ,	10/30 1/2/ 3.3/	50,410,565.51
.,,,,,	Prairiege and Slope Protection Structures	AS SUBMITTED	4,206,950.75		757,251.13	248,210.09	1,005,461.23	5,212,411.98
PART H	Miscellaneous Structure	AS EVALUATED					2/000/102125	3,212,411.50
	- Installations Statetine	AS SUBMITTED	118,962.61		21,413.27	7,018.79	28,432.06	147,394.67
	TOTAL	AS EVALUATED			1	.,,,,,,,,,	20, 132.00	147,354.07
	TOTAL	AS SUBMITTED	97,615,249.87		17,219,844.03	5,741,754.70	22,961,598.73	120,576,848.60

Preparation and Submission:

Prepared by:

ELWICK P. ACUÑA

Engineer II Maintenance Division Checked/Submiletd by:

ISIDRA A ESTANISLAO

Engineer IV

Maintenance Division

**Evaluation:** 

Reviewed by:

SATURNINO C. TORREFRANCA

District Engineer

Planning & Design Division

Approval:

Recommending Approval

KHADAFF D. TANGGOL

Approved:

Regional Director



## EGIONAL OFFICE IX

## Widening of Permanent Bridges - Tigbao Bridge (B0055๒๓៧) Along Pagadian City - Zamboanga City Road, Licomo, Zamboanga City Zamboanga City

FORM POW-2015-02A-00

ITEM NO	. DESCRIPTION		QΤY	UNIT	ESTIMATED DIRECT COST	то	TAL MARK-UP	VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						%	VALUE				
PART A	Facilities for the Engineers										HE CONTROL SECTION
A.1.1(3)	Construction of Field Office for the Engineer	AS EVALUATED					The second secon				
(0)	onstruction of Field Office for the Engineer	AS SUBMITTED	1.00	L.S.	436,827.75	18.00%	78,628.99	25,772.84	104,401.83	541,229.58	541,229.58
A.1.1(11)	Provision of Provision of Furnitures/Fixtures, Equipment and	AS EVALUATED							11.7.3.1.1	012,025.00	5 11,225.50
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Appliances for the Field Office for the Field Engineer	AS SUBMITTED	1.00	L.S.	317,340.00	8.00%	25,387.20	17,136.36	42,523.56	359,863.56	359,863.56
A.1.2(5)	Operation and Maintenance of 4 x 4 Pick-Up Type Service	AS EVALUATED							12,023.00	333,003.30	339,003.30
(0)	Vehicle for the Engineer	AS SUBMITTED	12.00	month	495,473.20	0.00%	-	24,773.66	24,773.66	520,246.86	43,353.91
	TOTAL OF PART A	AS EVALUATED						- 77.7-150	2,,,,,,,,,	320,210.00	75,555.91
	TOTAL OF PART A	AS SUBMITTED			1,249,640.95		104,016.19	67,682.86	171,699.05	1,421,340.00	
PARTB	Other General Requirements			SWEETEN.		GRADUS E				2,422,540.00	
B.4(1)	Construction Communication of the	AS EVALUATED				disante contest (III)					
D.7(1)	Construction Survey & Staking	AS SUBMITTED	0.44	km.	19,014.19	18.00%	3,422.55	1,121.84	4,544.39	23,558.58	52 542 22
0.5	D. J. D. W. Life L. L. L.	AS EVALUATED					0, ILLI33	1,121,01	7,577.33	23,336.36	53,542.23
B.5	Project Billboard/Signboard	AS SUBMITTED	4.00	each	18,337.96	18.00%	3,300.83	1,081.94	4,382.77	22 720 72	
		AS EVALUATED			20/00/100	10.0070	5,500.05	1,001.54	4,302.77	22,720.73	5,680.18
B.7	Occupation Safety & Health	AS SUBMITTED	12.00	month	372,123.00	8.00%	29,769.84	20,094.64	40.054.40	494 002 49	
		AS EVALUATED		monar	372,123.00	0.00%	29,709.04	20,094.64	49,864.48	421,987.48	35,165.62
B.9	Mobilization & Demobilization	AS SUBMITTED	1.00	L.S.	870,834.00	0.00%		42 544 70			
		AS EVALUATED	2,00	2.0.	070,004.00	0.00%		43,541.70	43,541.70	914,375.70	914,375.70
	TOTAL OF PART B	AS SUBMITTED			1,280,309.15		25 402 22	65.040.40			
PART C	Earthworks				1,200,503.13	S-HICHOLOGIES	36,493.23	65,840.12	102,333.35	1,382,642.50	
		AS EVALUATED				are museum					
101(1)	Removal of Structure/Obstructions	AS SUBMITTED	1.00	L.S.	200 407 50	0.000/					
27700300		AS EVALUATED	1.00	L.J.	200,107.50	0.00%	-	10,005.38	10,005.38	210,112.88	210,112.88
101(8)	Removal of Existing Guardrails	AS SUBMITTED	24.00		000 70	40.0004					
The second second		AS EVALUATED	24.00	ln.m.	932.72	18.00%	167.89	55.03	222.92	1,155.64	48.15
101(9)	Removal of Existing Guardrail Posts	AS SUBMITTED	10.00								
		AS EVALUATED	10.00	each	971.58	18.00%	174.88	57.32	232.21	1,203.79	120.38
101(10)	Removal of Existing Road Signs	AS SUBMITTED	6.00								
			6.00	each	932.72	18.00%	167.89	55.03	222.92	1,155.64	192.61
103(1)a	Structure Excavation	AS EVALUATED									
		AS SUBMITTED	63.04	cu.m.	14,546.68	18.00%	2,618.40	858.25	3,476.66	18,023.33	285.90
103(2)a	Bridge Excavation, Common Soil	AS EVALUATED									
		AS SUBMITTED	271.64	cu.m.	62,882.76	18.00%	11,318.90	3,710.08	15,028.98	77,911.73	286.82
103(2)b	Bridge Excavation, Soft Rock	AS EVALUATED									
		AS SUBMITTED	878.40	cu.m.	304,955.99	18.00%	54,892.08	17,992.40	72,884.48	377,840.48	430.15
104(1)a	Embankment from Roadway Excavation	AS EVALUATED									
	Company opposition of the control of	AS SUBMITTED	797.52	cu.m.	184,148.53	18.00%	33,146.73	10,864.76	44,011.50	228,160.02	286.09
104(2)a	Embankment from Borrow	AS EVALUATED									
		AS SUBMITTED	4,812.33	cu.m.	2,798,335.13	18.00%	503,700.32	165,101.77	668,802.10	3,467,137.22	720.47
105(1)a	Subgrade Preparation	AS EVALUATED									
	**************************************	AS SUBMITTED	1,536.89	sq.m.	24,604.40	18.00%	4,428.79	1,451.66	5,880.45	30,484.85	19.84
	TOTAL OF PART C	AS EVALUATED									
	CONTROL MARKETON CONCONTROLL	AS SUBMITTED			3,592,417.99		610,615.89	210,151.69	820,767.58	4,413,185.57	

TEM NO.	CRIPTION		QTY	UNIT	ESTIMAL ED DIRECT COST	T	OTAL MARK-UP	VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						%	VALUE	1			
ART D	Subbase and Base Course	2450578C-28974				75000			rgerininge i filozofoviški	kanadaha Kateberi	ywdda Haga
20043		AS EVALUATED									
200(1)	Aggregate Subbase Course	AS SUBMITTED	1,209.04	cu.m.	1,984,618.33	18.00%	357,231.30	117,092.48	474,323.78	2,458,942.12	2,033.80
		AS EVALUATED								***************************************	
	TOTAL OF PART D	AS SUBMITTED			1,984,618.33		357,231.30	117,092.48	474,323.78	2,458,942.12	
ARTE	Surface Courses					10/4/4000	er Rissistation in Store	valenti karati (k		Aresta de filosopie	ata da sa sa kata da sa
A464\-		AS EVALUATED									<u> </u>
311(1)a	Portland Cement Concrete Pavernent	AS SUBMITTED	828.47	sq.m.	883,135.99	18.00%	158,964.48	52,105.02	211,069.50	1,094,205.49	1,320.75
		AS EVALUATED				<u> </u>					······································
11(1)61	Portland Cement Concrete Pavement	AS SUBMITTED	2,493.11	sq.m.	4,867,099.56	18.00%	876,077.92	287,158.87	1,163,236.80	6,030,336.36	2,418.80
		AS EVALUATED									
	TOTAL OF PART E	AS SUBMITTED	<del></del>		5,750,235.55		1,035,042.40	339,263.90	1,374,306.30	7,124,541.85	<del></del>
RTF	Bridge Construction			Stylkerey	del Construcció del descripció	ewsparson	alyangkalkalkalkalk	engelige reprintered i	#16948W8850W6		
		AS EVALUATED									
00(1)a1	Precast Concrete Piles, furnished (400 mm x 400 mm)	AS SUBMITTED	3,630.00	m.	13,013,480.85	18.00%	2,342,426.55	767,795.37	3,110,221.92	16,123,702.77	4,441.79
		AS EVALUATED									
100(6)	Structural Steel Sheet Piles, furnished	AS SUBMITTED	3,408.00	ln.m.	11,470,652.52	18.00%	2,964,717.45	676,768.50	2,741,485.95	14,212,138.48	4,170.23
		AS EVALUATED								1,122,220,10	1,2,2,2,2
00(12)	Structural Steel Sheet Piles, driven	AS SUBMITTED	2,886.00	la.m.	2,838,289,45	18.00%	510,892.10	167,459.08	678,351.18	3,516,640.63	1,218.52
		AS EVALUATED	2,000.00	16471112	1,030,203.13	10.0070	510,032.10	107,155.00	070,551.10	3,310,610.03	1,210.52
00(14)	Precast Concrete Piles, driven (soft strata)	AS SUBMITTED	3,509.00	m.	5,580,168.21	18.00%	1,004,430.28	329,229.92	1,333,660.20	6,913,828.41	1,970.31
		AS EVALUATED	3,309.00	UI.	3,360,156.21	10.0076	1,004,430.28	329,229.92	1,333,000.20	0,515,026.41	1,570.31
00(16)a	Test Piles, furnished and driven		450.00		540.044.60	40.000	115,305,10	77 055 00	152 751 40	707.062.10	5 742 75
		AS SUBMITTED	150.00	m.	643,311.69	18.00%	115,796.10	37,955.39	153,751.49	797,063.18	5,313.75
01(2)a	Concrete Railing	AS EVALUATED									
		AS SUBMITTED	240.60	m.	764,998.58	18.00%	137,699.74	45,134.92	182,834.66	947,833.24	3,939.46
102(1)	Timber Structure	AS EVALUATED									
		AS SUBMETTED	18.00	span	4,290,632.93	18.00%	772,313.93	253,147.34	1,025,461.27	5,316,094.21	295,338.57
04(1)a	Reinforcing Steel, Grade 40	AS EVALUATED									
		AS SUBMITTED	9,264.30	kg.	453,700,76	18.00%	81,666.14	26,768.34	108,434.48	562,135.24	60.68
04(1)b	Reinforcing Steel, Grade 60	AS EVALUATED									
		AS SUBMITTED	161,031.40	kg.	8,224,360.05	18.00%	1,480,384.81	485,237.24	1,965,622.05	10,189,982.10	63.28
05(1)h2	Structural Concrete, Class "A"	AS EVALUATED									
	7	AS SUBMITTED	1,096.05	cu.m.	10,453,519.06	18.00%	1,881,633.43	616,757.62	2,498,391.05	12,951,910.11	11,816.90
16(1)f8	Prestressed Structural Concrete Member, Type IV-B	AS EVALUATED									
00(1)10	Frederica outrestal construct former, 1796 21 b	AS SUBMITTED	16.00	each	15,065,181.41	18.00%	2,711,732.65	888,845.70	3,600,578.36	18,665,759.76	1,166,609.99
107(8)	Lean Concrete	AS EVALUATED									
107 (03	Lean Concrete	AS SUBMITTED	23.73	cu.m.	154,009.52	18.00%	27,721.71	9,086.56	36,808.28	190,817.80	8,041.21
117/11	Pa-6	AS EVALUATED									
12(1)	Elastomeric Bearing Pad	AS SUBMITTED	32.00	each	526,028.48	18.00%	94,685.13	31,035.68	125,720.81	651,749.29	20,367.17
40.001		AS EVALUATED									
L5(3)0	Premolded Expansion Joint Filler with Sealant	AS SUBMITTED	9.72	cu.m.	4,958.31	18.00%	892.50	292.54	1,185.04	6,143.35	632,03
		AS EVALUATED	, · · · · · · · · · · · · · · · · · · ·								
J(7)a1	Expansion Dam for Bridges (Steel)	AS SUBMITTED	3.00	set	1,304,595.57	18.00%	234,827.20	76,971.14	311,798,34	1,616,393.91	538,797.97
		AS EVALUATED									· · · · · · · · · · · · · · · · · · ·
14(1)	Forms and Falsework	AS SUBMITTED	1.00	L.S.	4,644,227.15	18.00%	835,960.89	274,009.40	1,109,970.29	5,754,197.44	5,754,197.44
		AS EVALUATED			, , , , , , , , , , , , , , , , , , , ,				, ,		.,
	TOTAL OF PART E	AS SUBMITTED			79,432,114.54		14,297,780.62	4,686,494.76	18,984,275.37	98,416,389.91	

ITEM NO.	LasCRIPTION		QTY	UNIT	ESTIMATED DIRECT COST	TO:	TAL MARK-UP	VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						%	VALUE				
PART G	Drainage and Slope Protection Structures										
505/2)-	Country Disease Chara NAT	AS EVALUATED									
505(Z)a	Grouted Riprap, Class "A"	AS SUBMITTED	849.38	cu.m.	3,824,799.61	18.00%	688,463.93	225,663.18	914,127.11	4,738,926.72	5,579.28
F00(*)		AS EVALUATED									
508(1)	Hand Laid Rock Embankment	AS SUBMITTED	186.51	cu.m.	382,151.14	18.00%	68,787.20	22,546.92	91,334.12	473,485.26	2,538.66
	TATAL OF DATE :	AS EVALUATED									
	TOTAL OF PART G	AS SUBMITTED			4,206,950.75		757,251.13	248,210.09	1,005,461.23	5,212,411.98	
PART H	Miscellaneous Structure										
(12/1)		AS EVALUATED									
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	AS SUBMITTED	88.00	sq.m.	65,140.30	18.00%	11,725.25	3,843.28	15,568.53	80,708.84	917.15
612(2)	Before the J. The section is the December of Market (Market)	AS EVALUATED									
612(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	AS SUBMITTED	66.00	sq.m.	53,822.31	18.00%	9,688.01	3,175.52	12,863.53	66,685.84	1,010.39
	TOTAL OF PART H	AS EVALUATED									
	TOTAL OF PART H	AS SUBMITTED			118,962.61		21,413.27	7,018.79	28,432.06	147,394.67	
	GRAND TOTAL	AS EVALUATED									
	GRAND TOTAL	AS SUBMITTED			97,615,249.87		17,219,844.03	5,741,754.70	22,961,598.73	120,576,848.60	

Preparation and Submission:

Prepared by:

ELWICK P. ACUÑA

Engineer II Maintenance Division

Checked/Submiletd by:

ISIDRA A. ESTANISLAO

Engineer IV

Maintenance Division

Reviewe

Evaluation:

SATURNINO C. FORREFRANCA

District Engineer
Planning & Design Division

# Widening of Permanent Bri Tighao Bridge (800556MN) Along Pagadian City - Zamboanga City Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

A.1.1(3)

Construction of Field Office for the Engineer
1.00 L.S.

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

2,00
2.00
250
8,00
45,00
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No. of Hour/s
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No. 26 112 m/s

25,772.84 541,229.58				Otal Unit Cost - As Evaluated	
25,772.84				1   I otal Unit Cost - As Submitted	3 6
25,772.84				Value Added Tax - As Evaluated	J.2
				1 Value Added Tax - As Submitted	1.1
34,940.22				Contractor's Profit - As Evaluated	1.2
24,046,22			/aluated		H.2
43,682.77			Jbmitted		표
T30,027.73				2 Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
426 927 7E					2
					F.2
359,442.45				Sub-Total for F-1 As Submitted Equipment	
448.00	56.00	8.00	pc Pc		
305.00	305,00	5.00	p pc	h 4" PVC assorted Connector	
640.00	640.00	1.00	pc		
160.00	20.00	8.00	рс	e. 1/2" Assorted Connector	
642.00	321.00	2.00	pc		
332.00	166.00	2,00	pc		
6,375.00	6,615.00	1.00	set	b. Layatory (include fitting & Accessories)	
7 77 70 70 70 70 70 70 70 70 70 70 70 70	7 375 00	8	G.	Mater Closet (include	
3,254.00	1,627.00	2.00	set	t. panel board (side main w/ braches)	
217.00	31.00	7.00	рc	s. electrical tape (big)	
272.00	34.00	8.00	рc		
224.00	32,00	7.00	p 7		
100.00	700.00	200	3 2	n wire holder	
180.00	100.00	200.00	pc pc		
90.00	30.00	3.00	pc	m. 20mm dia. RSC elbow	
27.00	9.00	3.00	pc	i. 20mm dia. RSC Coupling	
960.00	240.00	4.00	p 7	k. 20mm dia. RSC Pipe	
650,00	26,00	55,00	R PC	i 15mm dia PVC Clamp	
125.00	5,00	25.00	pc	h. 15mm dia. PVC Coupling	
1,460.00	73.00	20.00	pc	g. 15mm dia. PVC pipe	
1,750.00	70.00	25.00	3		
10.800.00	3,600,00	3,00	<u>rol</u> 7	e. 3.5mm2 thw	
510.00	170.00	3.00	pc	c. Duplex Convinience outlet	
100.00	50,00	2.00	рс		
5,150.00	1,030.00	5,00	set	1 1	
2,000.00	100.00	0.00	ſ	X Electrical Works	
650.00	65.00	10.00	kg.		
550.00	110.00	5.00	kg.		
13,500.00	450.00	30.00	pc.		
18,500.00	37.00	500.00	bd.ft.	a. Rough Lumber, sun dried tanguile	
500.00	250.00	2,00	-	IX Carpentry Works	
2,000.00	2.00	1000.00	pc.		
378.00	189.00	2.00	ln.m.		
1,890.00	189.00	10.00	ln.m.	b. Pre-painted ridge roll ga 24, 0.60m width	
23,100.00	420.00	55.00	sq.m.	a. Pre-painted GI Roofing Sheet long span	
2,655.00	531,00	5,00	gai.	VIII Roofing Works	
2,445.00	163.00	15.00	Rg.	k. Welding Rod	
360.00	36.00	10,00	pc.	j. 20mm dia. X 350 mm anchor bolts	
380.00	38.00	10.00	kg.		
705.00	47.00	15.00	Ka 🥳	h. 10mm thk batten plate	
2,360.00	118.00	25.00	ko pc.		27.00
1,330.00	38.00	35.00	kg.	e. 16mm dia. Cross bracing	
864.00	48.00	18.00	kg.	d. Purlins C- 150 x 50 x 3mm.	
4.800.00	48.00	100.00	6 4	c. 50 mm. x 50 mm. x 4 mm. Angle Bar	
16,800.00	48.00	350.00	5 6	a, 65 mm, x 65 mm, x 6 mm, Angle Bar	
				VII Steel Works	

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

# Tigbao Bridge (800556MN) Along Pagadian City - Zamboanga Ci Zamboanga City

ıd, Licomo, Zamboanga City FORM-POW-2015-01D-00

Item No./Description

A.1.1(11)

A.1.1(11)

Provision of Provision of Furnitures/Fixtures, Equipment and Appliances for the Held Office for the Field 1.00 L.S.

.. .. ..

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

				>	
359,863.56				Total Unit Cost - As Submitted	
				Value Added Tax - As Evaluated	J.2
17,136.36				Value Added Tax - As Submitted	J.1
			T.	Contractor's Profit - As Evaluated	1.2
25,387.20				Contractor's Profit - As Submitted	
			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
F				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
317,340.00				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
				Edubricie	F.2
01/20				For ioment	
317,340,00				Sub-Total for F-1 As Submitted	
12,000.00	1,000.00	12.00	mo.	c. LPG (11 kg)	
18,000.00	1,500.00	12.00	mo.		
36,000.00	3,000.00	12.00	mo.	1	
				Lighting/Water Fixtures	
60,000.00	60,000.00	1.00	set	k. Desktop Computer	
60,000.00	15,000.00	4.00	set	j. Cellphone	
24,000.00	12,000.00	2.00	set		
8,000.00	8,000.00	1.00	set	h. Dining Table	
				- 1	
30,000,00	30,000.00	1.00	L.S.	g. Kitchenware	F.1
12/0001	10,000,00	1,00	ŗ	(Folders Bond Paper Yellow Pads	
45,000,00	45,000,00	1 00	I S I	f Various Office Supply	
3,700,00	3,700.00	1.00	Unit		
0,000,00	5,000.00	2.00	eacn		
5,400.00	2,700.00	2.00	each	1	
2,740.00	1,370.00	2.00	unit	a. Electric Desk Fan	
				Office Equipment/Facilities & Supplies	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C,2 ÷ D.2) - As Evaluated	
				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	$\Box$
				Output per Hour - As Evaluated	
				Output per Hour - As Submitted	_
				Total (A.2+B.2) - As Evaluated	C.2
-				Total (A.1+B.1) - As Submitted	
				Sub-Total for B-2 As Evaluated	i
				Equipment	В.2
				Sub-local for B-1 As Submitted	
				O. b. Hatel Co. D. A. D. beriffeld	
				Equipment	B.1
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
				Labor	Α 2
				Sub-Total for A-1 As Submitted	
				Labor	A.1
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

# Tigbao Bridge (800556MN) Along Pagadian City - Zamboanga Cit Zamboanga City

ıd, Licomo, Zamboanga City FORM-POW-2015-01D-00

Item No./Description ...

A.1.2(5) A.1.2(5) Operation and Maintenance of  $4\times4$  Pick-Up Type Service Vehicle for the Engineer 12.00 month

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

.. .. ..

K.2	<u></u>	J.2	J.1	1,2	1.1	H.2	H.1	G.2	G.1		F.2			1010		F.1				E.2	E	D.2	D.1	C.2	C.1		В.2			8.1		Τ	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	Γ	Equipment	Sub-Total for F-1 As Submitted	d. Miscellaneous	c. Engine Oil & Lubricants	b. Spare Parts	a. Diesel	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	22	Equipment	Sub-Total for B-1 As Submitted	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	47	a Driver	Designation
						luated	mitted							L.S.	L.S.	L.S.	F		Unit												No. of Units						-	No. of Person/s
														1,00	1.00	1.00	7,200.00		Quantity												No. of Hour/s					-/	2.880.00	No. of Hour/s
														30,000.00	33,480.00	40,000.00	31.00		Unit Cost												Hourly Rate						58.61	Hourly Rate
	343,014.00	1	16,334.00		1	1	1	ı	326,680.00				326,680.00	30,000.00	33,480.00	40,000.00	223,200.00		Amount (Php.)		1		1	Ť	168,793.20				-		Amount (Php.)				168,793.20		168 793 70	Amount (Php.)

Prepared by:

ELWICK P. ACUÑA Engineer II

Checked/Reviewed

# Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga City Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

B.4(1)
Construction Survey & Staking
0.44 km.
0.04

.. .. ..

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

				>	- [
20/0 11112				Total Unit Cost - As Evaluated	
53 542 23				Total Unit Cost - As Submitted	Z
-7				Value Added Tay - As Evaluated	$\perp$
2,549,63				Value Added Tax - As Submitted	J.1
-				Contractor's Profit - As Evaluated	
3,457.13				Contractor's Profit - As Submitted	
1			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	_
4,321.41			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
1				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
43,214.07				Direct Unit Cost (E.1+F.1) - As Submitted	_
				Sub-Total for F-2 As Evaluated	
					F.2
				Equipment	
11,025.00				Sub-Total for F-1 As Submitted	
525.00				Miscellaneous 5% of Material Cost	
2,500.00	25.00	100.00	pc.		7.1
8,000.00	400.00	20.00	pc.	a. Standard Stake Plan (800 mm x 910 mm)	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
32,189.07				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	_
				Output per Hour - As Evaluated	
0.04				Output per Hour - As Submitted	_
•				Total (A.2+B.2) - As Evaluated	$\overline{}$
1,287.56				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					В.2
				Equipment	
207.96				Sub-Total for B-1 As Submitted	
107.96				Minor Tools 10% of Labor	
100,00	TOO.DO	1	1	rano	D. L
	100.00	•		Equipment Complete Accessories	0
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				CHE LOWING TO LA PAGE PAGE PAGE PAGE PAGE PAGE PAGE PAG	
				Sub-Total for A-2 As Evaluated	A.2
				Labor	_
1,079.60				Sub-Total for A-1 As Submitted	
351.65	58,61	ω	2	-	
312,49	104,16	ω	н	a. Geodetic Engineer	
				For Office Works	
135,47	45.16	1	ω		A. L
175.83	58.61	1	ω		
104.16	104.16	1	٢	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	The state of the s		

Prepared by:

ELWICK P. ACUÑA Engineer II

# Tighao Bridge (B00556MN) Along Pagadian City - Zamboanga City Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

: B.5
Project Billboard/Signboard
: 4.00 each

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

				/	
				Total Unit Cost - As Evaluated	K.2
18,163.74			-	Total Unit Cost - As Submitted	K.1
-				Value Added Tax - As Evaluated	J.2
864.94				Value Added Tax - As Submitted	J.1
				Contractor's Profit - As Evaluated	I.2
1,172.80				Contractor's Profit - As Submitted	1.1
			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
1,466.00			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
14,660.00				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Equipment	
14,660.00				Sub-Total for F-1 As Submitted	
260.00	65.00	4.00	kg.	d. Assoreted CW Nails	
7,400.00	37.00	200.00	bd.ft.	c. Assorted Lumber	
4,000.00	1,000.00	4.00	pc,	b. Tarpaulin (4' x 8')	F.1
3,000.00	750.00	4.00	pc.	a. Ordinary Plywood 1/2" thk. x 4' x 8'	
				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	E.1
				Output per Hour - As Evaluated	D.2
•				Output per Hour - As Submitted	D.1
*				Total (A.2+B.2) - As Evaluated	C.2
3,677.96				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					B.2
				Equipment	
				Sub-Total for B-1 As Submitted	
				Equipment	B.1
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
•				Labor	
3,677.96				Sub-Total for A-1 As Submitted	
1,445.00	45.16	16	2	c. Unskilled Laborer	
937.74	58.61	16	1	b. Skilled Laborer	,
1,295.22	80,95	16	1		A 1
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
			-		

ELWICK P. ACUÑA Engineer II

Prepared by:

## Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga Cit Zamboanga City 'd, Licomo, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

B.7
Occupation Safety & Health
12.00 month

.. .. ..

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

				Logi of the Cook - Vo Evaluated	1716
				Total Unit Cost - As Submitted  Total Unit Cost - As Evaluated	
				Value Added Tax - As Evaluated	J.2
				Value Added Tax - As Submitted	
				Contractor's Profit - As Evaluated	
				Contractor's Profit - As Submitted	L
			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	_
			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
				Direct Unit Cost (E.2+F.2) - As Evaluated	
372,123.00				Direct Unit Cost (E.1+F.1) - As Submitted	
				Sub-Total for F-2 As Evaluated	
				Equipment	Π 3
26,760.00				Sub-Total for F-1 As Submitted	12.1
14,400.00	600.00	24.00	pc	d. Safety Hats	
	100.00	24.00	pc		
	15.00	24.00	pair		F.1
	400.00	24.00	pair	a. Rubber Boots (Long w/ Steel Toe, Black)	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
345,363.00				Direct Unit Cost (C.1 $\div$ D.1) - As Submitted	
				Output per Hour - As Evaluated	
				Output per Hour - As Submitted	
				Total (A.2+B.2) - As Evaluated	
345,363.00				Total (A.1+B.1) - As Submitted	C.1 -
				Sub-Total for B-2 As Evaluated	15
					B.2
	The second secon			Equipment	
60,000.00				Sub-Total for B-1 As Submitted	
60,000.00				a. Warning Signs and Barricades	
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
285,363.00				Sub-Total for A-1 As Submitted	(0)
168,793.20	58.61	2880.00	1	b. First Aider	
116,569.80	80.95	1440.00	1	a. Safety Practioner	A.1
				Labor	- I
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

## Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga City Zamboanga City

d, Licomo, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description \*:\*:

B.9

Mobilization & Demobilization

1.00 L.S.

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

				L	ſ
1,070,000.00				Total Unit Cost - As Submitted  Total Unit Cost - As Evaluated	
1 078 063 33				_	J.2
51,3/9.21					1.1
					1.2
69,666.72				Contractor's Profit - As Submitted	1.1
,			aluated		H.2
87,083.40			bmitted	Overhead, Contingencies & Miscellaneous	H.1
,					G.2
870,834.00				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
				Sub-Total for F-1 As Submitted	
				1 Placelials	-
					TI.
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
					E,2
870,834.00					E.1
					D.2
				_	D.1
				_	C.2
870,834.00					C1
				Sub-Total for B-2 As Evaluated	
					B.2
				Equipment	
870,834.00				Sub-Total for B-1 As Submitted	
00,000.00	T,OTO,OO	d	F	n, Kollei	
88 608 00	1 846 00	40	٠,		
162.192.00	3.379.00	48 8	٠,	a Buildozer	
73 056 00	1 500.00	4 6		1	
83 184 00	1,420.00	48	4 -	9 9	В.1
/3,//6.00	1,537.00	48	2	Ç	
117,600.00	2,450.00	48	1	b. Water Truck	
204,258.00	4,255.38	48	μ.	a. Low Bed Trailer	
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
				Labor 2	A.2
				Sub-Total for A-1 AS Subilitated	
				Cub Total for A.4 An Cubmitted	
				1 Labor	A.1
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	==50.11

ELWICK P. ACUÑA Engineer II

## Widening of Permanent Bridges - Ti

› Bridge (B00556MN) Along Pagadian City - Zamboa 'ity Road, Licomo, Zamboanga City
Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

101(1)
Removal of Structure/Obstructions
1.00 L.S.

. . . .

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

				•	
CT/CCC/172				Total Unit Cost - As Submitted	
247 622 10				Tatal Hair Cast As Evaluated	J.2
11,800.34				Value Added Lax - As Subillitued	1 1
11 806 34				Value Added Tax As Evaluated	7.1
10/00000				Contractor of Forth As Evaluated	1 :
16.008.60		-		Contractor's Profit - As Submitted	
1			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	
20,010.75			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
200,107.50				Direct Unit Cost (E.1+F.1) - As Submitted	G,1
				Sub-Total for F-2 As Evaluated	
					F.2
	A CONTRACTOR OF THE PROPERTY OF THE PARTY OF			Materials	
r				Sub-Total for F-1 As Submitted	
				Materials	F.1
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
200,107.50				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	E.1
				Output per Hour - As Evaluated	D.2
T)				Output per Hour - As Submitted	D,1
<b>14</b>				Total (A.2+B.2) - As Evaluated	C.2
200,107.50				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					В.2
				Edubilicit	
				Friinment	I
169.804.00				Sub-Total for B-1 As Submitted	
28,400.00	1,420.00	20	ļ.	c. Dump Truck (12 cu.ya.)	
61,480.00	1,537.00	8 8			
79,924.00	1,998.10	8	.		В.1
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					i
					Α.2
				Labor	
30,303:30				Sub-10tal lot A-1 AS Subillities	
20 202 60				Sub-Total for A-1 As Submitted	
14,450.00	45.16	80	4	c. Unskilled Laborer	
9,377.40	58.61	80	2	b. Skilled Laborer	?
6,476.10	80.95	08	1	a. Foreman	>
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Engineer II

Prepared by:

Widening of Permanent Bridges - Ti Bridge (B00556MN) Along Pagadian City - Zamboar 7ty Road, Licomo, Zamboanga City

Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

101(8)

Removal of Existing Guardrails
24.00 In.m.
20.00

.. .. ..

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

K.2	<u></u>	J.2	_	I.2	_	H.2	_	_	_	_	F.2			F.1		E.2	· .		D.1		C.1		В.2			Б.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	riaksi idio	Sub-Total for F-1 As Submitted	O. b. Takal Gar T. 4. An O. broithout	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	a. Cargo Iruck	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	DE STRUMBUR BOOKSTU	h Unskilled Laborer	Labor	Designation
						luated	omitted								Unit											1		No. of Units					1	2		No. of Person/s
															Quantity											0.5		No. of Hour/s					,			No. of Hour/s
															Unit Cost											1,212.00		Hourly Rate						45 16	20	Hourly Rate
r	48.15	10	2.29	ı	3.11	1	3.89		38,86						Amount (Php.)		38.86		20.00	1	777.26				606.00	606,00		Amount (Php.)				171.26	- CO.	90.33	200	Amount (Php.)

ELWICK P. ACUÑA Engineer II

## Widening of Permanent Brid Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga City Zamboanga City d, Licomo, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

101(9)

Removal of Existing Guardrail Posts
10.00 each
8.00

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

	I.2   Contractor's Profit - As Evaluated  J.1   Value Added Tax - As Submitted	L	H.2 Overhead, Contingenci		G.2 Direct Unit Cost (E.2+F			Sub-Total for F-2 As Evaluated	F.2 Sub-Total for F-2 As Ev			Materials Sub-Total for F-1 Materials Sub-Total for F-2		10 1																				
As Evaluated s Submitted	- As Evaluated As Submitted	- 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	As Evaluated			As Submitted	As Submitted	Name and Specification  As Submitted	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated  Name and Specification  Materials  Sub-Total for F-1 As Submitted  Materials	Direct Unit Cost (C.1 ÷ D.1) - As Submitted Direct Unit Cost (C.2 ÷ D.2) - As Evaluated  Name and Specification  Materials  Sub-Total for F-1 As Submitted  Materials	As Evaluated  2.1 ÷ D.1) - As Submitted  2.2 ÷ D.2) - As Evaluated  lame and Specification  As Submitted	As Submitted As Evaluated 2.1 ÷ D.1) - As Submitted 2.2 ÷ D.2) - As Evaluated lame and Specification lame and Specification As Submitted	As Evaluated As Submitted As Evaluated As Evaluated 2.1 ÷ D.1) - As Submitted 2.2 ÷ D.2) - As Evaluated lame and Specification As Submitted As Submitted	As Submitted As Evaluated As Submitted As Evaluated As Evaluated 2.1 ÷ D.1) - As Submitted 2.2 ÷ D.2) - As Evaluated lame and Specification As Submitted	As Evaluated As Submitted As Evaluated As Submitted As Evaluated 2.1 ÷ D.1) - As Submitted 2.2 ÷ D.2) - As Evaluated As Evaluated As Submitted As Submitted	As Evaluated As Submitted As Evaluated As Submitted As Submitted As Evaluated 2.1 ÷ D.1) - As Submitted 2.2 ÷ D.2) - As Evaluated lame and Specification As Submitted As Submitted	As Evaluated As Submitted As Evaluated As Submitted As Submitted As Evaluated 2.1 ÷ D.1) - As Submitted 2.2 ÷ D.2) - As Evaluated Iame and Specification As Submitted	As Submitted  As Submitted As Submitted As Submitted As Submitted As Evaluated 2.1 ÷ D.1) - As Submitted 2.2 ÷ D.2) - As Evaluated lame and Specification  As Submitted	As Submitted  As Evaluated As Submitted As Submitted As Evaluated As Submitted As Submitted As Submitted	As Submitted  As Evaluated As Submitted As Submitted As Submitted As Evaluated As Evaluated 2.1 ÷ D.1) - As Submitted 2.2 ÷ D.2) - As Evaluated tame and Specification  As Submitted As Submitted	As Submitted As Evaluated As Submitted As Submitted As Submitted As Evaluated 2.1 ÷ D.1) - As Submitted 2.2 ÷ D.2) - As Evaluated As Evaluated As Submitted As Submitted	Name and Capacity  As Submitted  As Evaluated As Submitted As Evaluated As Evaluated As Evaluated C.1 ÷ D.1) - As Submitted C.2 ÷ D.2) - As Evaluated As Evaluated C.3 ÷ D.2) - As Evaluated C.4 ÷ D.2) - As Evaluated As Submitted  As Submitted	As Evaluated  Name and Capacity  Name and Capacity  As Submitted  As Submitted As Submitted As Submitted As Submitted As Evaluated As Submitted As Submitted As Submitted	As Evaluated  As Submitted  As Submitted  As Submitted  As Submitted  As Submitted  As Evaluated  As Submitted  S.2 ÷ D.2) - As Evaluated  ame and Specification  As Submitted	As Evaluated  Name and Capacity  Name and Capacity  As Submitted As Submitted As Submitted As Evaluated As Submitted As Submitted As Submitted As Submitted	for A-1 As Submitted  for A-2 As Evaluated  Name and Capacity t t for B-1 As Submitted t for B-2 As Evaluated +B.1) - As Submitted +B.2) - As Evaluated +B.2) - As Evaluated t r Hour - As Submitted tr Cost (C.1 ÷ D.1) - As Submitted t Cost (C.2 ÷ D.2) - As Evaluated t Cost (C.1 ÷ D.3) - As Evaluated	As Evaluated  Name and Capacity  Name and Capacity  As Evaluated As Submitted As Submitted As Evaluated	As Submitted  As Evaluated  Name and Capacity  Name and Capacity  As Submitted  As Submitted  As Submitted  As Submitted  As Evaluated  As Submitted  As Submitted  As Submitted  As Submitted	As Submitted  As Evaluated  Name and Capacity  Name and Capacity  As Submitted  As Submitted  As Submitted  As Submitted  As Submitted  As Evaluated  As Submitted	As Submitted  As Evaluated  Name and Capacity  Name and Capacity  As Submitted  As Submitted  As Submitted  As Submitted  As Submitted  As Evaluated  As Evaluated
			M) - As Evalua	M) - As Submi																														
			ited	tted								Unit	Unit	Unit	Unit	Unit	Unit	Unit	Unit	Unit	Unit	Unit	Unit	Unit 1	1 Unit	No. of Units	No. of Units	No. of Units	No. of Units	No. of Units	No. of Units	No. of Units	No. of Units	No. of Units
												Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	0.5 Quantity	No. of Hour/s 0.5 Quantity	No. of Hour/s 0.5 Quantity	No. of Hour/s 0.5 Quantity	No. of Hour/s 0.5 Quantity	No. of Hour/s 0.5 Quantity	No. of Hour/s 0.5 Quantity	No. of Hour/s 0.5 Quantity	No. of Hour/s 0.5 Quantity	No. of Hour/s 0.5 Quantity
												Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	1,212.00 Unit Cost	1,212.00 Unit Cost	Hourly Rate 1,212.00	Hourly Rate 1,212.00 Unit Cost	Hourly Rate 1,212.00	Hourly Rate 1,212.00 Unit Cost	Hourly Rate 1,212.00 Unit Cost	Hourly Rate 1,212.00	45.16 Hourly Rate 1,212.00 Unit Cost	80,95 45.16 Hourly Rate 1,212.00	80.99 45.10 Hourly Rate 1,212.00
												Amount (Php.)	Amount (	Amount (	Amount (	Amount (	Amount	Amount	Amount	Amount (	Amount (	Amount (	Amount (											
120.38	5.73	7.77	1	9.72	1	97.16						(Php.)	(Php.)	97.16 (Php.)	97.16 (Php.)	8.00 97.16 (Php.)	8.00 97.16 (Php.)	777.26 8.00 97.16 (Php.)	777.26 8.00 97.16 (Php.)	777.26 - 8.00 97.16 (Php.)	777.26 - 8.00 97.16 (Php.)	606.00 777.26 8.00 97.16 (Php.)	606.00 777.26 8.00 97.16 (Php.)	606.00 606.00 777.26 - 8.00 97.16 (Php.)	606.00 606.00 777.26 8.00 97.16 (Php.)	(Php.) 606.00 606.00 777.26 8.00 97.16 (Php.)	(Php.) 606.00 606.00 777.26 8.00 97.16 (Php.)	(Php.) 606.00 606.00 777.26 8.00 97.16 (Php.)	(Php.) 606.00 606.00 777.26 8.00 97.16 (Php.)	171.26 (Php.) 606.00 606.00 97.26 97.16 (Php.)	171.26 (Php.) 606.00 606.00 977.26 8.00 97.16 (Php.)	90.31 171.26 171.26 (Php.) 606.00 606.00 577.26 8.00 97.16 (Php.)	80.95 90.31 171.26 171.26 (Php.) 606.00 606.00 606.00 97.16 (Php.)	80.95 90.31 171.26 171.26 (Php.) 606.00 606.00 777.26 777.26 8.00 97.16 (Php.)

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

# Tigbao Bridge (800556MN) Along Pagadian City - Zamboanga Cit Zamboanga City

d, Licomo, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

101(10)
Removal of Existing Road Signs
6.00 each
5.00

. . . ..

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

		J.2	J.1	1.2	L	H.2	_		_	_	F.2	4		<u>.</u>		E.2			D.1	C.2	C.1		В.2			B.1				A.2			. <u>.</u>			
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		Materials	Sub-Total for F-1 As Submitted	Materials	Name and Specification	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	Direct Unit Cost (C.1 ÷ D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted	a. Cargo Truck	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted		a, Foreman	Labor	Designation
						luated	mitted								Unit											1		No. of Units					2	Д		No. of Person/s
															Quantity											0.5		No. of Hour/s					н	щ		No. of Hour/s
															Unit Cost											1,212.00		Hourly Rate					45.16	80.95		Hourly Rate
:	192.61		9.17	1	12.44		15.55		155,45				1.		Amount (Php.)		155.45		5.00		777.26				606.00	606,00		Amount (Php.)				171.26	90.31	80.95		Amount (Php.)

ELWICK P. ACUÑA Engineer II

Prepared by

## Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga Cit Zamboanga City d, Licomo, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

103(1)a Structure Excavation 63.04 cu.m. 20.00

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

2.2	S C	J.2	J.1	1.2	1.1	H.2	I.H	6.2		2		F.2			i	E.		E.2	E.1	D.2	D.1	C.2	C.1		B.2					B.1				A.2	0				Α.1		
Total Utilit Cost - As Evaluation	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 of the Cost (F. I. F. 1) - As submitted	Direct Unit Cost (F. 1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		Equipment	Sub-Total for F-1 As Submitted		Materials	Name and Specification	Direct Unit Cost (C,2 ÷ D,2) - As Evaluated	Direct Unit Cost (C.1 ÷ D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted	Minor Loois 10% of Labor	b. Backhoe (u.	بة	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated			Labor	Sub-Total for A-1 As Submitted	b. Unskilled Laborer	a. Foreman	Labor	Designation
						luated	mitted										Unit												1	. 2		No, of Units						ω	1		No. of Person/s
																	Quantity												1	-		No. of Hour/s						Þ	<b>P</b>		No. of Hour/s
																	Unit Cost												1,537.00	1,420.00		Hourly Rate						45.16	80.95		Hourly Rate
	285.90		13.61	ı	18.46		23.08		230.73	230 75							Amount (Php.)		230,75		20.00	1	4,615.06				4,398.64	21.64	1,537.00	2,840.00		Amount (Php.)					216.42	135.47	80.95		Amount (Php.)

ELWICK P. ACUÑA Engineer II

Prepared by

Checked/Reviewed

# Widening of Permanent Brid - Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga City Zamboanga City

FORM-POW-2015-01D-00

Item No./Description \*\*

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

103(2)a Bridge Excavation, Common Soil

Submitted	
**:	••
20.00	271.64
	cu.m.

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

# Widening of Permanent Brid - Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga City Zamboanga City

FORM-POW-2015-01D-00

ad, Licomo, Zamboanga City

Item No./Description

103(2)b Bridge Excavation, Soft Rock 878.40 cu.m. 14.00

\*\* \*\* \*\*

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

1	3/4			Total Unit Cost - As Evaluated	K.2
430.15				Total Unit Cost - As Submitted	X.1
4				Value Added Tax - As Evaluated	J.2
20.48				Value Added Tax - As Submitted	J,1
1				Contractor's Profit - As Evaluated	I.2
27.77				Contractor's Profit - As Submitted	I.1
r			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
34.72			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
347.17				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Equipment	
5				Sub-Total for F-1 As Submitted	
				rigicilais	į
Amount (Prip.)	Offic Cost	Quantity	Onic	Name and Specification	
A					_
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	
347.17				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	
				Output per Hour - As Evaluated	D.2
14.00				Output per Hour - As Submitted	D.1
-				Total (A.2+B.2) - As Evaluated	C.2
4,860.41				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					В.2
					-
				Equipment	
4,630.54				Sub-Total for B-1 As Submitted	
22.99				<b>云</b> I	
50,666	1,998.10	0,5	1		
768.50	1,537.00	0.5	1		B.1
2,840.00	1,420.00	1	2	a. Dump Truck (12 cu.yd.)	
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
229.87				Sub-Total for A-1 As Submitted	
90.31	45.16	12	2	c. Unskilled Laborer	
58.61	58.61	1	1	b, Skilled Laborer	j
80.95	80.95	<b>1</b>	ı	a. Foreman	<u> </u>
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by

## Widening of Permanent Brid - Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga Ci Zamboanga City

FORM-POW-2015-01D-00

3d, Licomo, Zamboanga City

Item No./Description

: 104(1)a
Embankment from Roadway Excavation
: 797.52 cu.m.
50.00

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

				Total Offic Cost - As Evaluated	7.5
286.09				Total Unit Cost - As Submitted	S C
1				Value Added Tax - As Evaluated	J.2
13.62				Value Added Tax - As Submitted	J.1
•				Contractor's Profit - As Evaluated	I.2
18.47					I.1
1			luated	Overhead, Contingencies & Miscellaneous (OCM) - As	H.2
23.09			Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As	H.1
				_	3 5
Ub UEC				Direct Unit Cost (F 1+F 1) - As Submitted	2
				_	7.7
				Equipment	π J
1				Sub-Total for F-1 As Submitted	Γ
					_
				Materials	E
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
230.90				Direct Unit Cost (C.1 $\div$ D.1) - As Submitted	E.1
				Output per Hour - As Evaluated	D.2
50.00				-	0
TL/OTOLO/				_	3 5
11 545 07				Total (A 1+R 1) - As Sulhmitted	2
				Cub-Total for B-2 As Evaluated	
					В.2
				Equipment	
11 231 66				Sub-Total for R-1 As Submitted	
612.50	2,450.00	0.25	1	c. Water Truck/Pump (16000L)	
1,846.00	1,846.00	1	Д.	b. Vibratory Roller (10 mt), SD100C	
2,173.00	2,173.00	1	1	a. Motorized Road Grader (140 hp), G170A	
				Spre	
2,357.20	1,420.00	0.83	2	0	B.1
1,438.39	1,733.00	0.83	1	b. Payloader (1.50 cu.m.)	
2,804.57	3,379.00	0.83	1	a. Bulldozer, D6H Series II PSDS/DD	
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				out four for the first evaluation	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
313,41				Sub-Total for A-1 As Submitted	
70,51	01.04	T	7	D. Oliskilled Labolei	
80.95	80.95	۰,	ب د	-11	
				Spreading and Compaction	
74.96	45.16	0.83	2	ō.	A.1
67,19	80,95	0.83	Ľ	a. Foreman	
				Ear Excavation Work	
Announce (corper)	The state of the s				
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

# · Tigbao Bridge (800556MN) Along Pagadian City - Zamboanga City Zamboanga City

ıd, Licomo, Zamboanga City FORM-POW-2015-01D-00

Item No./Description

104(2)a Embankment from Borrow 4,812.33 cu.m. 50,00

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

		,	٥		Г	-		<u> </u>		
No.	Sub-Total for A-2 As Evaluated	i	3	Labor	Sub-Total for A-1 As Submitted		b. Unskilled Laborer		Labor	Designation
No of the life							2	ш		No. of Person/s
No of the last							1	1		No. of Person/s No. of Hour/s
3					11		45,16	80.95		Hourly Rate
(6)					171.26		90,31	80.95		Amount (Php.)

	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
	Labor				
<u>.</u>	a. Foreman	щ	1	80.95	80.95
A.1		2	1	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 (Php.)
	Equipment				
D -	a. Motorized Road Grader (140 hp), G170A	1	1	2,173.00	2,173.00
Ç.	b. Vibratory Roller (10 mt), SD100C	ь	1	1,846.00	1,846.00
	c. Water Truck/Pump (16000L)	p.	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				1
D.1	Output per Hour - As Submitted				50,00
0.2	Output per Hour - As Evaluated				
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Stalluated				90,08
	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1	Materials				
	a. Common Borrow (with 25% wastage factor)	cu.m.	1.25	388.35	485,44
	Sub-Total for F-1 As Submitted				485.44
ם ט	Materials				
7.7	Sub-Total for F-2 As Evaluated				
G.1	Direct Unit Cost (E.1+F.1) - As Submitted				581.49
G.2	Direct Unit Cost (E.2+F.2) - As Evaluated				1
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	omitted			58.15
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	luated			
	Contractor's Profit - As Submitted				46.52
11.2	Value Added Tax - As Submitted				34.31
ງ.2	Value Added Tax - As Evaluated				la <b>n</b>
X.	Total Unit Cost - As Submitted				720.47
7.2	Total Offic Cost - As Evaluated				,

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

## Widening of Permanent Bridges - T

o Bridge (B00556MN) Along Pagadian City - Zamboa City Road, Licomo, Zamboanga City
Zamboanga City

FORM-POW-2015-01D-00

Item No./Description 200

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated .. .. .. 105(1)a Subgrade Preparation 1,536.89 cu.m. 300.00

	G.1 Direct Unit Co			19 19	2 1 2
Contractor's Profit - As Submitted  Contractor's Profit - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted  Direct Unit Cost (E.2+F.2) - As Evaluated  Direct Unit Cost (E.2+F.2) - As Evaluated  Overhead, Contingencies & Miscellaneous (OCM) - As Submitted  Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Name and Specification  Materials  Sub-Total for F-1 As Submitted  Materials  Materials  Sub-Total for F-2 As Evaluated  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 Storensed, Contingencies & Miscellaneous (OCM) - As Storensed, Contingencies & Miscellaneous (OCM) - As Evaluated	Sub-Total for B-2 As Evaluated Total (A.1+B.1) - As Submitted Total (A.2+B.2) - As Evaluated Output per Hour - As Submitted Output per Hour - As Submitted Direct Unit Cost (C.1 ÷ D.1) - As Submitted Direct Unit Cost (C.2 ÷ D.2) - As Evaluated Direct Unit Cost (E.2 ÷ D.2) - As Evaluated  Sub-Total for F-1 As Submitted Materials 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 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Equipment  a. Backhoe (0.80 cu.m.) b. Vibratory Roller (10 mt), SD100C c. Water Truck/Pump (16000 L)  Sub-Total for B-1 As Submitted  Equipment  Sub-Total (A.1+B.1) - As Submitted  Equipment  Sub-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 Submitted  Output per Hour - As Evaluated  Direct Unit Cost (C.2 ÷ D.2) - As Evaluated  Direct Unit Cost (C.2 ÷ D.2) - As Evaluated  Sub-Total for F-1 As Submitted  Materials  Sub-Total for F-2 As Evaluated  Direct Unit Cost (E.1+F.1) - As Submitted  Materials  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 Suboverhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Sub-Total for A-2 As Evaluated  Name and Capacity  Equipment  a. Backhoe (0.80 cu.m.)  b. Vibratory Roller (10 mt), SD100C  c. Water Truck/Pump (16000 L)  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  Sub-Total for F-1 As Submitted  Name and Specification  Materials  Sub-Total for F-1 As Submitted  Sub-Total for F-2 As Evaluated  Direct Unit Cost (E.1+F.1) - As Submitted  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  Direct Unit Cost (E.2+F.3) - As Submitted  Overhead, Contingencies & Miscellaneous (OCM) - As Submitted  Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated
ous (OCM) - As Evaluated	tted  tted  ous (OCM) - As Submitted			No. of  1  1  1  1  1  1  1  1  1  1  1  1  1	No. of  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
mitted luated		Unit	Unit	No. of Units  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	No. of Units 1 1 1 1 1
		Quantity	Quantity	No. of Hour/s  1 1 0.25  Quantity	No. of Hour/s  1 1 0.25
		Unit Cost	Unit Cost		Hourly Unit C
++++	+		<del></del>		

ELWICK P. ACUÑA Engineer II

Prepared by:

o Bridge (B00556MN) Along Pagadian City - Zamboa City Road, Licomo, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description \*\*\*

200(1)
Aggregate Subbase Course
1,209.04 cu.m.
50.00

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

				0.87	
-				Total Unit Cost - As Evaluated	
2 033 80				Total Unit Cost - As Submitted	_
1				Value Added Tax - As Evaluated	
96.85				Value Added Tax - As Submitted	J.1
i i				Contractor's Profit - As Evaluated	1.2
131.32				Contractor's Profit - As Submitted	
			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	
164.15			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
				Direct Unit Cost (E.2+F.2) - As Evaluated	
1,641.48				Direct Unit Cost (E.1+F.1) - As Submitted	┸
				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	_
1,545.43				Sub-Total for F-1 As Submitted	
				(with 15% wastage factor)	
1,545,43	1,343.85	1.15	cu.m.	ā	F.1
				Mate	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
96.06				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	
				Output per Hour - As Evaluated	D.2
50.00				Output per Hour - As Submitted	
1				Total (A.2+B.2) - As Evaluated	C.2
4,802.76				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
			The second second		
					В.2
				Equipment	
4,631.50				Sub-Total for B-1 As Submitted	
02.210	2,450.00	0.23	-	C. Water Huckyrump (10000 L)	
613 50	2,010,00	7		- 1	
1 846 00	1 846 00	٠,	٠,	_	B.1
2 173 00	2 173 00	-		_	
				Fallinment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				_	٠ د
				Labor	
171.26				Sub-Total for A-1 As Submitted	
70:01	ioito	,	1	C. STRINGER EMPORAL	
90 31	45.16	-	2	7	A.1
80.95	80.95	1	1		
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by

Checked/Reviewed

## Widening of Permanent Bri

Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga C Zamboanga City

ıd, Licomo, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated : 311(1)a
Portland Cement Concrete Pavement
: 828.47 sq.m.
: 107.33

				L	1
T/250./2				Total Unit Cost - As Submitted	SE
75 000 1				_	J.2
62.89					J.1
r				Contractor's Profit - As Evaluated	1.2
85.28					I.1
			luated	Overhead Contingencies & Miscellaneous (OCM) - As Evaluated	H J
106.60			mitted		H 1
1,065,98				_	G.1
				2	F.2
945.82				Sub-Total for F-1 As Submitted	T
(i.i.)	11100		-	). Greatha	
0.48	112.50	0.0078	- 11.	i. Pripe Steeve, Z dia.	
0.38	2,500.00	0.00015	pc.	h. Concrete Saw (Diamond Blade 14" dia.)	
441.8/	309.00	1.43	pag	900	
279.58	1,863.85	0.15	cu.m.	f. Gravel	
170.27	2,063.85	0.0825	cu.m.	ē	F.1
18.40	40.00	0.46	m.	d. Steel Forms (Rental)	)
12,00	100.00	0.12	_	c. Asphalt Sealant	
10.15	35,00	0.29	L		
12.54	38.00	0.33	kg.	a. Reinforcing Steel Bar	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
					E.2
120.16					E.1
				_	D.2
107.33					D.1
***					S
12 896 73				Total (A 1+R 1) - As Submitted	2
					D.2
				Equipment	3
12,039.47				Sub-Total for B-1 As Submitted	
42,86				Mnor Tools 5% of Labor	25
21.98	219.75	0.1	1	Bar Cutter, Single Phase	
32,63	32,63	1	Д	g. Concrete Saw (7.5 hp), 14" Blade dia.	
2,450.00	2,450.00	1	1		
545.00	545,00	1	1	<u>ت</u> ا	B.1
1,733.00	1.733.00	-4   F		d. Payloader (1.50 cu.m.). LX80-2C	
182.50	91.25				
5,272.00	1,318.00	.	4		
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
				Labor	A.2
857.26				Sub-Total for A-1 As Submitted	
541,88	45.16	1	12	b. Unskilled Laborer	
234.44	58.61	1	4	ы	A.1
80.95	80.95	-	-	a. Foreman	0
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by

Checked/Reviewed

## Widening of Permanent Bri

# - Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga C Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

.. .. .. 311(1)e1
Portland Cement Concrete Pavement
2,493.11 sq.m.
57.50

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

				Total Unit Cost - As Evaluated
				Total Unit Cost - As Submitted
				Value Added Tax - As Evaluated
		-		Value Added Tay - As Submitted
				Contractor's Profit - As Evaluated
			illated	Contractor's Brofit - As Submitted
			As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Su
				Direct Unit Cost (E.1+F.1) - As Submitted
				Sub-Total for F-2 As Evaluated
				THANTING
				Sub-Total for F-1 AS Submitted
				O.F. Harrison
	112,50	0.0078	F	j. Grease/Tar
	61,00	0.0078	m.	i. Pipe Sleeve, 2" dia.
	2,500.00	0.00015	pc.	Concrete Sa
	309.00	2,66	bag	g. Cement
	1,863.85	0.28	cu.m.	
	2,063.85	0.154	cu.m.	_ 1
	40.00	0.46	m,	d. Steel Forms (Rental)
	00.001	0.17	_	
	35,00	0.29	-	
	38.00	0.50	kg.	a. Reinforcing Steel Bar
		,		
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated
				Direct Unit Cost (C.1 ÷ D.1) - As Submitted
				Output per Hour - As Sublinited
				lotal (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
				Millor Tools 5% of Labor
	27.617	1.0	-	mer, o
	32,63	2	.	
	2,450.00	1	1	f. Water Truck/Pump (16000 L)
	545,00	1		15
	1,733.00	1	1	d. Payloader (1.50 cu.m.), LX80-2C
	1,759.50	1	r	100
	91.25	1	2	b. Concrete Vibrator
	1,318.00	н	4	a. Transit Mixer (5 cu.m.)
				Equipment
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity
				Sub-Total for A-2 As Evaluated
				Labor
				Sub-Total for A-1 As Submitted
	45,16	1	12	b. Unskilled Laborer
	58,61	1	4	b. Skilled Laborer
	80.95	+	ı	a. Foreman
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation

ELWICK P. ACUÑA Engineer II

Prepared by

Checked/Reviewed

## Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga Cit Zamboanga City d, Licomo, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

400(1)a1 Precast Concrete Piles, furnished (400 mm x 400 mm) 3,630.00 m.

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

			Total Unit Cost - As Submitted Total Unit Cost - As Evaluated
			Value Added Tax - As Evaluated
			Value Added Tax - As Submitted
			Contractor's Profit - As Submitted
		aluated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated
		bmitted	Overhead, Contingencies & Miscellaneous (OCM) - As Su
			Direct Unit Cost (E.1+F.1) - As Submitted
			Sub-Total for F-2 As Evaluated
			Materials  Materials
1,343.85	0.06	cu.m.	c. Base Course
37.00	1.00	bd.ft.	Coco Lumber
4,200.00	0.03	cu.m.	Casting Bed a. Ready Mix Concrete, Class "B"
65.00	0.163	kg	f. Assorted CWN (1 kg./100 bd.ft. of Lumber)
1,1	0.268	pc.	e. Marine Plywood, 1/2" x 4' x 8' - 4 uses
	15.333	bd.ft.	
	0.809	6	c. #16 G.I. Tie Wire (2% of RSB)
7 4,250.00 5 38.00	0.17	cu.m.	a. Ready Mix Concrete, Class "AA" - 27.60 Mpa  h. Reinforcing Steel Rar
ty Unit Cost	Quantity	Unit	Name and Specification
			Direct Unit Cost (C.1 $\div$ D.1) - As Submitted Direct Unit Cost (C.2 $\div$ D.2) - As Evaluated
			Output per Hour - As Evaluated
			Output per Hour - As Submitted
			Total (A.1+B.1) - As Submitted
			Sub-Total for B-2 As Evaluated
			Equipment
			Sub-Total for B-1 As Submitted
			Minor Tools 10% of Labor Cost
219.75	0.28	ı	e. Bar Cutter
351.50	0.28	1	1 1
123.00	0.28	ь	
91.25	0.1	1	
1,733.00	0.5	1	Equipment a. Payloader (1.50 cu.m.), LX80-2C
r/s Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity
			Sub-Total for A-2 As Evaluated
			Labor
			Sub-Total for A-1 As Submitted
-01.ch	F	0	
58.61	4 ا	4 α	b. Skilled Laborer
80,95	1	1	a. Foreman
			Labor
r/s Hourly Rate	No. of Hour/s	No. of Person/s	Designation
- Transmission of the second		*	

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

## Tigbao Bridge (800556MN) Along Pagadian City - Zamboanga Ci Zamboanga City

vd, Licomo, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

: 400(6)
Structural Steel Sheet Piles, furnished
: 3,408.00 In.m.
: 72.00

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

				0	
1				Total Unit Cost - As Evaluated	K.2
4,170.23			=	Total Unit Cost - As Submitted	<u>7.1</u>
1				Value Added Tax - As Evaluated	J.2
198.58				Value Added Tax - As Submitted	J.1
				Contractor's Profit - As Evaluated	1.2
269.26				Contractor's Profit - As Submitted	I.1
			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
336,58			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
1				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
3,365.80				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					i
					F.2
				Materials	
3,325.20				Sub-Total for F-1 As Submitted	
65.20				Miscellaneous 2% of Materials Cost	į
3,260.00	50.00	65.20	kg.	a. Steel Sheet Pile KSP II (delivered at site)	n -
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
40.60				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	
				Output per Hour - As Evaluated	
72.00				Output per Hour - As Submitted	D.1
				Total (A.2+B.2) - As Evaluated	C.2
2,923.33				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					В.2
				Ex al princing	
				Foundment	
2,634.85				Sub-Total for B-1 As Submitted	
28.85				=1	<b>B.1</b>
2,606.00	2,606.00	ш.	1	_	1
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
100.10				Table	
288 48				Sub-Total for A-1 As Submitted	
90.31	45.16	1	2	b. Unskilled Laborer	
117.22	58.61	1	2	ġ.	1
80.95	80.95	1	1	a. Foreman	<b>&gt;</b>
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by:

# Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga City Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

400(12) Structural Steel Sheet Piles, driven 2,886.00 ln.m.

Unit of Measurement

	Outp	Outp
	ut per hour-As Evaluated	ut per hour-As Submitted
	122	••
		10.00

				>	L
1,210,32				Total Unit Cost - As Subrillined	
				Value Added Tax - As Evaluated	_
58.02				Value Added Tax - As Submitted	_
				Contractor's Profit - As Evaluated	_
78.68				Contractor's Profit - As Submitted	
			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	1.
98.35			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	_
				Direct Unit Cost (E.2+F.2) - As Evaluated	1_
983,47				Direct Unit Cost (E.1+F.1) - As Submitted	_
				Sub-Total for F-2 As Evaluated	
					7.2
				riacci als	-
82,48				Sub-Total for F-1 As Submitted	
8					
1.62				Miscellaneous 2% of Material Cost	
1.30	65.00	0.02	kg.		
20.15	13.00	1.55	bd.ft.	م	
31.50	350,00	0.18	m.	C.	E
24.00	2,500.00	0.0096	set	b. Oxy/Acetylene (1 set/5000 kg, Steel)	
3	163 00	0.034	5	Materials  Walding Bod (1 kg /2000 kg Steel)	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E,2
900.99				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	$\perp$
				Output per Hour - As Evaluated	_
10.00				Output per Hour - As Submitted	7 5
9,009,89				Total (A.1+B.1) - As Submitted	
				Sub-Total for B-2 As Evaluated	_
					B.2
				Equipment	
8,306.35				Sub-Total for B-1 As Submitted	
				1	
70.35	0, 0	0.0	,	Minor Tools 10% of Labor Cost	
77.73	45 45	0.5	-	e. Outting Dutit	_
2,147.27	2,147.27	.   1-	-	5 5	E.1
3,069.00	3,069.00	1	1	þ.	
2,606.00	2,606.00	1	Д	a. Truck Mounted Crane (41 - 45 mt)	
Allouir (rip.)	Hodily Nake	No. of Hours	10. 01 01.118	Reille and capacity	
Amount (Bho )	Hourly Data	No of Hourle	No of Linite	Name and Canacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
703.54				Sub-Total for A-1 As Submitted	
2/0,97	T0.10	-		- 1	
351.65	58.61	-   p-	חס	b. Skilled Laborer	
80.95	80.95	. 1	1	a. Foreman	A.1
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
A CONTRACTOR OF THE PARTY OF TH					

ELWICK P. ACUÑA Engineer II

## Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga Ci Zamboanga City

FORM-POW-2015-01D-00

d, Licomo, Zamboanga City

Item No./Description

400(14)
Precast Concrete Piles, driven (soft strata)
3,509.00 m.
2,40

.. .. ..

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

Engineer II

Prepared by:

#### Tigbao Bridge (800556MN) Along Pagadian City - Zamboanga Ci Zamboanga City

FORM-POW-2015-01D-00

d, Licomo, Zamboanga City

Item No./Description

400(16)a Test Piles, furnished and driven 150.00 m. 2.40

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

				Local cult cope. Ve Exaudateca	7:7
5,313.75				Total Unit Cost - As Submitted	
T				Value Added Tax - As Evaluated	
253,04				Value Added Tax - As Submitted	
1				Contractor's Profit - As Evaluated	1.2
343.10				Contractor's Profit - As Submitted	
1			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evi	
428.87			mitted	Overhead Contingencies & Miscellaneous (OCM) - As Submitted	H 1
4,288.74				Direct Unit Cost (E.1+F.1) - As Submitted	
				Sub-Total for F-2 As Evaluated	_
				9	F.2
				Materials	
3,126.08				Sub-Total for F-1 As Submitted	
11.88	2,320.00	1:00	11.	Miscellaneous 2% of Material Cost	
25,	2,500.00	0.01	set	1	
11.20	70,00	0.16	kg		F.1
208.00	13.00	16.00	bd.ft.		
350.00	350.00	2,00	p,	a. Coco Logs - 2 uses	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
1,100,				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
1 162 66				Direct [fait Cost (C 1 + D 1) - As Submitted	
2.40				Output per Hour - As Subillitied	
, ,				Total (A.2+B.2) - As Evaluated	C.2
2,790.39				Total (A.1+B.1) - As Submitted	
				Sub-Total for B-2 As Evaluated	
					7.0
					D J
				Equipment	1
2,086.84				Sub-Total for B-1 As Submitted	
70.35				ᆲ	
193.00	965.00	0.20	1	f. Air Compressor (356 - 450 cfm)	
60.09	45.45	0.20	ے د		
26.00	200.00	0.13	. 1	100	B.1
347.22	1,286.00	0.27	1	b. Diesel Hammer (K25 or equivalent)	_
1,381.18	2,606.00	0.53	1	Equipment a. Truck Mounted Crane (41 - 45 mt)	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
703.54				Sub-Total for A-1 As Submitted	
270.94	45,16	P	6	b. Unskilled Laborer	
351.65	58,61	1	6	- 5	)
80.95	80.95	1	1	a. Foreman	<u> </u>
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by:

### Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga Ci Zamboanga City

FORM-POW-2015-01D-00

d, Licomo, Zamboanga City

Item No./Description ..

401(2)a Concrete Railing 240.60 m. 0.88

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

				>	
alogo: 10				Total Unit Cost - As Evaluated	2
3 939 46				Total I Init Cost - As Evidentia	7 1
18/.59				Value Added Tax As Submitted	1,1
187 60				Collidation & Florit - As Evaluated	7.7
: 200				Contractor's Drofit - As Evaluated	7
254 36			induced	Contractor's Drofit - As Submitted	1 1
1 30			direted	Overhead Contingencies & Miscellaneous (OCM) - As Evaluated	5
317 05			mitted	Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
3,1/9.33				Direct Offic Cost (5.3+5.1) - As submitted	3 5
2 170 55				Sub-lotal for F-2 As Evaluated	
				0	i
					F.2
				Materials	
2,253.30				Sub-Total for F-1 As Submitted	
				ı	
44.18	-1		Ġ		
15.12	2,520,00	0.006	kg.	- 1	
60.90	100,00	0.609	ka.	- 1	
13.39	65,00	0.206	ka.	e l	
267.80	13.00	20.60	bd.ft.	اء	F.
198.17	820.00	0.725	DC.		
1.156.49	38.00	30.434	ko.		
497.25	4 250.00	0.117	CU.M.	Materials  a Ready Mix Concrete	
Amount (rip.)	Officeore	Caculary	S	raine and openication	u-
Amount (Bhn )	I Init Cost	Oriantity	l loit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
926,24				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	E
0.00				Output per Hour - As Evaluated	2 5
98.0				Output ner Hour - As Evaluated	
815.09				lotal (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					В.2
				Established	
OF.0CT				For linment	
138 46				Sub-Total for R-1 As Submitted	
67.66				Minor Tools 10% of Labor Cost	
4.55	45.45	0.10	ı	d. Cutting Outfit	
35.15	351.50	0.10	Ľ		0.1
21,98	219.75	0.10	н	1	
9.13	91.25	0.10	1	a. Concrete Vibrator	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					1
					۵ ۷
				Labor	
676,64				Sub-Total for A-1 As Submitted	
201100	10110	,		- 1	
361.75	45 16	<u> </u>	α 4	b. Unskilled Laborer	
80.95	80.95	.   1-	٠,	a. Foreman	A.1
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

#### Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga Ci Zamboanga City d, Licomo, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated .. .. .. 402(1) Timber Structure 18.00 span 0.125

				>>	L
				Total Unit Cost - As Evaluated	2
79 855 300				Total I Init Cost - As Evaluated	J. Z
14,003./4				Value Added Tax - As Submitted	1 1
14 063 74				Contractor's Profit - As Evaluated	7.1
19,069.48				Contractor's Profit - As Submitted	1.1
1			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
23,836.85			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
1				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
238,368.50				Direct Unit Cost (E.1+F.1) - As Submitted	G,1
				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
200,833.33				Sub-Total for F-1 As Submitted	
7,200.00	75.00	96,00	pc.	e. 25 mm dia. X 500 mm, Steel Bars	
				with Standard Nuts & Washers	
83.33	25,00	10.00	pc.		
9,244,44	520,00	53,33	pc.	c. 4" x 10" x 12' Coco Lumber	F
135 416 67	1,000.00	708 333	pc.		
				122	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
37,535.16				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	
				Output per Hour - As Evaluated	
0,13				Output per Hour - As Submitted	
,,002.00				Total (A.2+B.2) - As Evaluated	
4.691.90				Total (A.1+B.1) - As Submitted	2
				Sub-Total for R-2 As Evaluated	
					в.2
				Equipment	
3,988.35				Sub-Total for B-1 As Submitted	
,0,33				THIRD INDIS AN AS OF EGING COST	
25. UZ	1,212,00	0.50		Minor Tools 10% of Labor Cost	
100.00	200.00	0.50	1 ر		B.1
2,606.00	2,606.00	1.00	т	a. Truck Mounted Crane	
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
					,
				Labor	
703.54				Sub-Total for A-1 As Submitted	
270.94	45.16	ב	6	b. Unskilled Laborer	
351,65	58.61	1	6	b. Skilled Laborer	}
80.95	80.95	۳	Þ	a. Foreman	
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

Engineer II

Checked/Reviewed

## Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga Ci Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

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

404(1)a Reinforcing Steel, Grade 40 9,264.30 kg. 180.00

				Total Utilit Cost - As Evaluated	7.5
60.68				Total Unit Cost - As Submitted	
r				Value Added Tax - As Evaluated	J.2
2.89				Value Added Tax - As Submitted	
1				Contractor's Profit - As Evaluated	
3.92				Contractor's Profit - As Submitted	1.1
			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	
4.90			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
1				Direct Unit Cost (E.2+F.2) - As Evaluated	
48.97				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
42,00				Sub-Total for F-1 As Submitted	
				(with 5% wastage)	
39.90	38.00	1.05	kg.	b. Reinforcing Steel Bar	į
2.10	100.00	0.021	kg,	a. Tie Wire (2% of RSB)	n .
Amount (rip.)	Ollic Cost	Sugility	Cilic	Maille ain Specificatori	
Amount (Phn.)	I loit Cost	AHACE O	l bait	Name and Consideration	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	
6.97				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	_
				Output per Hour - As Evaluated	
180,00				Output per Hour - As Submitted	
1				Total (A.2+B.2) - As Evaluated	C2
1,255.14				Total (A.1+B.1) - As Submitted	
				Sub-Total for B-2 As Evaluated	
					8.2
					,
				Equipment	
695.73				Sub-Total for B-1 As Submitted	
				- 1	
175.75	351.50	0.50	Ľ	d. Bar Bender	
109.88	219.75	0.50	1	- 1	
181.80	1,212.00	0.15	1	b. Cargo Truck (9 - 10 mt.)	B.1
228.30	1,522,00	0.15	1	a. Service Crane (21 - 25 mt.)	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Control Control of the property of the control of t	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
559,42				Sub-Total for A-1 As Submitted	
22.100	01.04	ŀ	0	b. Oliskiled Laborer	
11/.22	58.61	, <sub>L</sub>	2		
80.95	80.95	. -	-ر (د	a, roreman	A.1 ·
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by:

#### Widening of Permanent Brik Tigbao Bridge (B00586MN) Along Pagadian City - Zamboanga City Zamboanga City d, Licomo, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

404(1)b Reinforcing Steel, Grade 60 161,031.40 kg. 180.00

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

				Value Added Tax - As Evaluated Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	X2 1
				Value Added Tax - As Submitted	
				Contractor's Profit - As Submitted Contractor's Profit - As Evaluated	12 1
			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	1.0
			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	$\perp$
				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2 D
				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	7
				Sub-Total for F-1 As Submitted	I S I
				(with 5% wastage)	
40.00		1.05	kg.	b. Reinforcing Steel Bar	<u></u>
100.00		0.021	ka.	Materials  a. Tie Wire (2% of RSB)	1-
Unit Cost		Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	
				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	_
				Output per Hour - As Evaluated	
				Output per Hour - As Submitted	
				Total (A 2+R 2) - As Evaluated	3 -
				Sub-Total for B-2 As Evaluated	_
					1
					-
				Equipment	Im
				Sub-Total for B-1 As Submitted	ωI
351.50		0.50	H	d. Bar Bender	T
219.75		0.50	1		
1,212.00		0.15	ш	200	B.1
1,522.00		0.15	1	Equipment a. Service Crane (21 - 25 mt.)	_lm
Hourly Rate		No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	WI I
					A.2
				Labor	T-
				Sub-Total for A-1 As Submitted	lol
45.16		Ŀ	œ	b. Unskilled Laborer	_
58.61		1	2	100	T
80.95		Þ	1	a. Foreman	<u> </u>
lourly rates	.	itor or riour/o	ioi oi i diboilio	Labor	-1
Hourly Rate	_	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

#### Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga Cit Zamboanga City

d, Licomo, Zamboanga City FORM-POW-2015-01D-00

Item No./Description

405(1)b2 Structural Concrete, Class "A" 1,096.05 cu.m. 10.00

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

		8		L	
				2 Total Unit Cost - As Evaluated	S
11 816 90				1	7.7
702./1					1 1
				1	1.2
763.00				_	1.1
			As Evaluated		H.2
953,74			bmitted		H.1
ī					G.2
9,537.45				_	G,1
				Sub-Total for F-2 As Evaluated	i
				Materials	F.2
6,770.28				Sub-Total for F-1 As Submitted	T
00.00					
35,00	35.00	1.00	г	f. Curing Compound	
1,863,85	1,863.85	1,00	cu.m.	f. Gravel	
1,031.93	2,063.85	0.50	cu.m.	e. Sand	
3,244.50	309.00	10.50	bag	d.	7
65.00	65.00	1.00	kg.	c.	n
1,230.00	820.00	1,50	pc,		
1,300.00	13.00	100.00	bd.ft.	a. Lumber, Coco	
Amount (Pnp.)	Unit Cost	Quantry	Unit	Name and Specification	
A COLL	1	)	:	_	
				_	E.2
767.17					E
				_	2
10.00					2 5
, 10, 20, 2				Total (A 2+R 2) - As Evaluated	SE
7 671 72					2
				-	8.2
				Equipment	3
6,318.45				Sub-Total for B-1 As Submitted	
1,141.20	2,282.40	0.5	-	- 1	
612.50	2,450.00	0.25	1	- 4	
866.50	1,733.00	0.5	Д	واء	
879,75	1.759.50	0.5	1	. [5	B.
182.50	91.25		2	h Concrete Vibrator	
2 636 00	1 318 00	4	J		10
Aniodis (1.16.)	Hoully Nacc	No. of Houl/s	No. of office	Mailie alia capacity	
Amount (phn.)	Hourly Date	No of Hours	No of I hite	Name and Canacity	
				Sub-Total for A-2 As Evaluated	
				.2 Labor	A.2
-7				Tabor	T
1.353.27				Sub-Total for A-1 As Submitted	
361.25	45.16	1	8	b. Unskilled Laborer	
234.44	58.61	1	4		
80.95	80,95	1	1	a. Foreman	
				Inst	A.L
361.25	45.16	1	8	0.	>
234.44	58.61	н	4		
80.95	80.95	1	-	a. Foreman	
				lahor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

### Tigbao Bridge (800556MN) Along Pagadian City - Zamboanga Cit Zamboanga City

d, Licomo, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

406(1)f8
Prestressed Structural Concrete Member, Type IV-B
16.00 each
1.00

.. .. ..

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

				0	
,				Total Unit Cost - As Evaluated	K.2
1.166.609.99				Total Unit Cost - As Submitted	K.1
E				Value Added Tay - As Evaluated	7 7
55,552.86				Value Added Tax - As Submitted	J.1
•				Contractor's Profit - As Evaluated	1.2
75,325.91				Contractor's Profit - As Submitted	I.1
			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
94,157.38			omitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
1				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
941,573.84				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
720,000.00				Sub-Total for F-1 As Submitted	
720,000.00	24,000.00	30.00	in.m.		F.1
				Materials	1
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	
221,573.84				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	_
				Output per Hour - As Evaluated	
1.00				Output per Hour - As Submitted	D.1
1				Total (A.2+B.2) - As Evaluated	C.2
221,573.84				Total (A.1+B.1) - As Submitted	11
				Sub-Total for B-2 As Evaluated	
					В.2
				Equipment	
156,616.76				Sub-Total for B-1 As Submitted	
6,495.71				Minor Tools 10% of Labor	
2,737.00	391.00	7.00	11	j. Welding Machine (500 A), Electric Driven	
1,732.50	866.25	2,00	1	i. Grouting Machine, Air Driven	
1,722.00	123.00	7,00	2	~	
912.50	91.25	5.00	2	g. Concrete Vibrator	
318.15	45.45	7.00	1		, -
4,921.00	351.50	14.00	1	e. Bar Bender	0
3,076.50	219.75	14.00	1	d. Bar Cutter	
22,500.00	2,500.00	9.00	1	c. Stressing (Jack) Machine	
12,131.00	1,733.00	7.00	1	AS 1	
100,070.40	3,127.20	32.00	1	a. Truck Mounted Crane with Bucket (41 - 45 mt.)	
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
64,957.08				Sub-Total for A-1 As Submitted	
				- 1	
34,680.00	45.16	96	8		
22,505.76	58.61	96	4		A.1
7,771.32	80.95	96	1	a. Foreman	-
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by ELWICK P. ACUÑA Engineer II

Checked/Reviewed

#### Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga City Zamboanga City d, Licomo, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

407(8)
Lean Concrete
23.73 cu.m.
1.40

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

25	7 1	5	J.1	1.2	1.1	H.2		I C	3	G.1		F.2					1.1	!			E.2	E,1	D.2	D.1	7.2	3 5	2	i	В О				D 1				 7	>		7				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	Overnead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overlieda, condingencies et riscellaneous (och). As sabilitied	Overhead Contingencies & Miscellaneous (OCM) - As Sul	Direct I Init Cost (F 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	r. Glayer	- 1	b. Sand	a. Cement	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	I otal (A.Z+B.Z) - AS Evaluated	Total (A.2+B.2) As Submitted	Total (A 1 LB 1) As Submitted	Sub-Total for B-2 As Evaluated	Equipment	Sub-Total for B-1 As Submitted	c. Water Truck/Pump (16000 L)	b. Concrete Vibrator	a. One Bagger Mixer	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated			SECTION OF THE SECTIO	Labor	Sub-Total for A-1 As Submitted	C. CIDINICA EMPORE	- 1		a. Foreman	Labor	Designation
						iluated	Jillitted	mitted							cualli.	2	cu.m.	bag		Unit											1	1	1		No. of Units							-	3	1	ב		No. of Person/s
															1:00	1 00	0.50	9.50		Quantity											0.1	1	-		No. of Hour/s							1	-	-	1		No. of Hour/s
															1,000,00	1 863 85	2,063.85	309.00		Unit Cost											1,212.00	351.50	219.75		Hourly Rate							15.150	45 16	58.61	80.95		Hourly Rate
- 12.170,0	8 041 21		382.91		519.21		0.0.01	649 01		6,490.08				5,831.28	1,002,02	1 863 85	1,031.93	2,935.50		Amount (Php.)		658.80		1.40	1	922.32	077 27			692,45	121.20	351.50	219.75		Amount (Php.)						229,87	20:01	90 31	58.61	80.95		Amount (Php.)

ELWICK P. ACUÑA Engineer II

Prepared by:

### Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga Cl Zamboanga City

d, Licomo, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 412(1)
Elastomeric Bearing Pad
32.00 each
1.00

				Total Offic CoSt - As Evaluated	7.5
20,367.17				Total Unit Cost - As Submitted	SIA
				Value Added Tax - As Evaluated	J.2
969.87				Value Added Tax - As Submitted	J.1
1				Contractor's Profit - As Evaluated	1.2
1,315.07				Contractor's Profit - As Submitted	I.1
1			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
1,643.84			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
16,438.39				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
16,167.13				Sub-Total for F-1 As Submitted	
17,13				Miscellaneous 10% of Labor	
16,150.00	16,150.00	1.00	each	금	F.1
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
271.26				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
ı				Total (A.2+B.2) - As Evaluated	C.2
271.26				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					B.2
				Equipment	
100.00				Sub-Total for B-1 As Submitted	
TOO!OOT	TOO.UU	1	1	d. Wood/steel Laudel	
				Equipment	B.1
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
171.26				Sub-Total for A-1 As Submitted	
90.31	45.16	F	2	b. Unskilled Laborer	ì
80.95	80.95	ı	1	a. Foreman	<u> </u>
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

# Tigbao Bridge (800556MN) Along Pagadian City - Zamboanga Ci Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

413(3)b
Premolded Expansion Joint Filler with Sealant 9.72 cu.m.
25.00

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

				Total Unit Cost - As Evaluated	7.7
632.03					<u>.</u>
1				Value Added Tax - As Evaluated	J.2
30.10				Value Added Tax - As Submitted	J.1
t				Contractor's Profit - As Evaluated	1.2
40.81				Contractor's Profit - As Submitted	I.1
1			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
51.01			omitted		H.1
1					G.2
510.11				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
				2011	F.2
				Materials	
500.00				Sub-Total for F-1 As Submitted	
				מו שאוור ו ווועו	
500.00	500.00	1.00	each	a Joint Filler	F.1
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	-
					E.2
10.11					E.1
					D.2
25.00					D.1
t					C.2
252,86					C.1
				Sub-Total for B-2 As Evaluated	
				-	В.2
				Equipment	
22.99				Sub-Total for B-1 As Submitted	-
22,00				דיוווטן ויטטוס די אי טו דמוטטו כספר	
22 99				Minor Tools	B.1
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
229.87				Sub-Total for A-1 As Submitted	Ι
				n.	
90.31	45.16	1	2	b. Unskilled Laborer	
58.61	58.61	1	1	þ.	-
80.95	80.95	1	Þ		>
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

#### Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga Ci Zamboanga City

d, Licomo, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

: 413(7)a1
Expansion Dam for Bridges (Steel)
: 3.00 set
: 0.01

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

				0	
•				Total Unit Cost - As Evaluated	K.2
538,797.97				Total Unit Cost - As Submitted	<u></u>
3				Value Added Tax - As Evaluated	J.2
25,657.05				Value Added Tax - As Submitted	J.1
,				Contractor's Profit - As Evaluated	I.2
34,789.22				Contractor's Profit - As Submitted	I.1
1			luated	_	H.2
43,486.52			omitted		H.1
					G.2
434,865.19				Direct Unit Cost (E,1+F,1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
				_	F.2
				Materials	
69,389.95				Sub-Total for F-1 As Submitted	
3,304,20				Miscellatieous 3% of Material Cost	
9C 70C 2	2,500,00	0.50	oct.	1	
1 00 030	2 500 00	0.50	SE S	o. Weiding Nod	
122.25	163.00	0.75	Š į	2 2	;
1.017.60	40.00	25.44	ρ Ω	_	<u></u>
21 432 48	48.00	446 51	ā ģ	h Structural Steel - Angular Bar	
42 263 34	47 00	899 22	Š	126	
(refer to a second		1			
Amount (Php.)	Unit Cost	Ouantity	Unit	Name and Specification	
					E.2
365,475.24					E.1
					D.2
0,01					D.1
2,00 0					C2
3 654 75					2
				Sub-Total for B-2 As Evaluated	1
				Equipment	D J
2,951.21				Sub-Total for B-1 As Submitted	
70.35				Minor Tools 10% of Labor Cost	
30,00	45.45	0.33	2	c. Cutting Outfit	
244.86	371.00	0.33	2	_	B.1
2,606.00	2,606.00	1	1	9	
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
703.54				Sub-Total for A-1 As Submitted	
2/0,51	07.70	-	C	ם, טוואוויטי במדינו כו	
270 04	45 16	٠,	מ		
351.65	58.61	.,	n ا	h Skilled Laborer	A.1
20.02	20 08				
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

#### Tigbao Bridge (800556MN) Along Pagadian City - Zamboanga Cit Zamboanga City

FORM-POW-2015-01D-00

d, Licomo, Zamboanga City

Item No./Description

414(1)
Forms and Falsework
1.00 L.S.

.. .. ..

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

				Total Unit Cost - As Evaluated	<u></u>
5,754,197,44				Total Unit Cost - As Submitted	V.7
2/4,009,40				Value Added Tax - As Submitted	J.1
774 000 40				Contractor's Profit - As Evaluated	1.2
371,538.17				Contractor's Profit - As Submitted	1.1
			aluated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
464,422.72			bmitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
•				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
4,644,227.15				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
				Materials	F.2
7,320,123,00				Materials As Submitted	
4 220 425 00					
1,625.00	65.00	25.00	kg.	g. Assorted CWN Nails	
227,500.00	13.00	17,500.00	bd.ft.		
81,000.00	450.00	180.00	pc.	e. Plywood 1/4" x 4' x 8'	
15,000.00	2,500.00	6.00	set	d.	7.2
5,000.00	100.00	50.00	kg.	Ç.	7
220,000.00	55.00	4,000.00	pc.		
3,770,000.00	1,885.00	2,000.00	pc.	a. 63 mm. dia. G.I. Pipes	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
324,102.15				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	E.1
				Output per Hour - As Evaluated	D.2
1				Output per Hour - As Submitted	D.1
1				Total (A.2+B.2) - As Evaluated	C.2
324,102.15				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
				Edulpinete	В.2
				Fallinment	
42,685.65				Sub-Total for B-1 As Submitted	
28,141.65				Minor Tools 10% of Labor	
14,544.00	45.45	320	1	a. Cutting Outfit	B.1
	i			Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
					,
				Labor	
201,110:00				Jub-Total for A-T As Submitted	
284 446 50				C.b Tatal for A 1 As C. basittad	
108,375.00	45.16	400	6	b. Unskilled Laborer	
140,661.00	58.61	400	6	. 1	7.1
32,380.50	80.95	400	1	a. Foreman	
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Engineer II

Checked/Reviewed

Prepared by:

#### Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga Cit Zamboanga City

d, Licomo, Zamboanga City FORM-POW-2015-01D-00

Item No./Description

505(2)a Grouted Riprap, Class "A" 849.38 cu.m. 1.25

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

				Logi Cilic Cost - Us Extindend	7.7
2,2/2,20				Total Unit Cost - As Submitted	
				Value Added Tax - As Evaluated	J.2
265.68				Value Added Tax - As Submitted	J.1
1				Contractor's Profit - As Evaluated	1.2
360.24				Contractor's Profit - As Submitted	
			aluated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	
450.30			bmitted	Overhead Contingencies & Miscellaneous (OCM) - As Su	G.2
4,503.03				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
4 503 05				Sub-Total for F-2 As Evaluated	2
				0 10 10 10 10 10 10 10 10 10 10 10 10 10	
					F.2
				Materials	
3,775.16				Sub-Total for F-1 As Submitted	
37,38				Miscellaneous 1% of Material Cost	
1,852.04	1,763.85	1.05	cu.m.		
2.40	160.00	0.015	sq.m.	e. Filter Cloth	
160,80	536.00	0.30	m.	d.	7
279.58	1,863.85	0.15	cu.m.	0	1
515.96	2,063.85	0.25	cu.m.	b. Sand	
927.00	309.00	3.00	bag	a. Cement	
Y THE WAY		ferring.			
Amount (Php.)	Unit Cost	Ouantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
727.89				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	_
27.1				Output per Hour - As Submitted	
1 75				Total (A.2+B.2) - As Evaluated	_
909.86				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					2.0
					J
				Equipment	
350,44				Sub-Total for B-1 As Submitted	
33,51				Millior 1001S 10% of Labor	
122.50	2,450.00	0.05	1	L L	_
172.00	172.00	1	1	a. One Bagger Mixer	D
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					ì
					A .
				Labor	
559,42				Sub-Total for A-1 As Submitted	
361.25	45.16	1	8	c, Unskilled Laborer	
117.22	58.61	1	2		A.1
80.95	80.95	1	Д	a. Foreman	_
					=1
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by

Engineer II

Checked/Reviewed

#### Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga Cit Zamboanga City

d, Licomo, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

: 508(1)
Hand Laid Rock Embankment
: 186.51 cu.m.
: 3.125

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

Designation	No. of Person/s	No of Hours	Hourly Rate	Amount (Php.)

				,	
				Total Unit Cost - As Evaluated	2
2,538.66				Total Unit Cost - As Submitted	2
•				Value Added Tax - As Evaluated	J.2
120.89				Value Added Tax - As Submitted	3.1
1				Contractor's Profit - As Evaluated	1.2
163.92				Contractor's Profit - As Submitted	I.1
1			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Н.2
204.90			omitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
1				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
2,048.96				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					7.7
					1
				- Parameter Para	
				Materials	I
1,852,04				Sub-Total for F-1 As Submitted	
1,852.04	1,/63.85	1.05	cu.m.	a. Boulder	
				Materials	<u> </u>
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	
196.92				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	
				Output per Hour - As Evaluated	
3.13				Output per Hour - As Submitted	
ı				Total (A.2+B.2) - As Evaluated	
615.36				Total (A.1+B.1) - As Submitted	13
				Sub-Total for B-2 As Evaluated	
					B.2
				Equipment	
55,94				Sub-Total for B-1 As Submitted	
00:0				MILION TOWN OF FABOR	
25 OV				Equipment	B.1
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
		A STATE OF THE PERSON NAMED IN			
				Labor	
559.42				Sub-Total for A-1 As Submitted	
201.20	or'ct.	F	0	c. Unskilled Laborer	
22,71	26.62	<u>-</u>	2	b. Skilled Laborer	
447 22	50.55	<u>-</u>	۱ د		A.1 -
36 U8	20 05	_	4	10	_
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by

Checked/Reviewed

#### Tigbao Bridge (800556MN) Along Pagadian City - Zamboanga Cit Zamboanga City

d, Licomo, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

612(1)
Reflectorized Thermoplastic Pavement Markings (White)
88.00 sq.m.
25.00

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

				Total Cine Code And Exchanged	1
				Total Unit Cost - As Submitted	5 5
				Value Added Tax - As Evaluated	J.2
43.67				Value Added Tax - As Submitted	J.1
				Contractor's Profit - As Evaluated	I.2
59.22				Contractor's Profit - As Submitted	I.1
			aluated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H 2
74.02			bmitted	Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
740.23				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					7.2
					J J
				Materials	
6//.02				Sub-Total for F-1 As Submitted	
32.24				Miscellaneous 5% of Material Cost	
12,50	100.00	0.13	kg.	- 1	
	828.00	0.00	ç <u>ı</u> .	_	
13.80	3,450.00	0.00	cyl.		E
	160,00	0.12	۲		N N
	2.500.00	0.03	bag	h Glass Reads	
515.13	1.585.00	0.33	han	122	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	
63.21				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	
				Output per Hour - As Evaluated	D.2
25.00				Output per Hour - As Evaluated	
1,580.27				Total (A.1+B.1) - As Submitted	
				Sub-Total for B-2 As Evaluated	
					в.2
				Edulpinein	
1,111.16				Sub-Total for B-1 As Submitted	
46.91				Minor Tools 10% of Labor	
187.50	187.50	٠,	-4 F	c Kneading Machine	
/83.00	/83.00	. _	. P	1	0
				三	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
					,
				Labor	
469.11				Sub-Total for A-1 As Submitted	
	01.61	-		C' CLIBNICA FABRICE	
27.77	38.61	4	7 7	b. Skilled Laborer	
80.95	80.95	.	, h		A.1
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by:

## Widening of Permanent Brid Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga Cit Zamboanga City

d, Licomo, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

612(2)
Reflectorized Thermoplastic Pavement Markings (Yellow)
66.00 sq.m.
25.00

.. .. ..

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

				Total drive drive the manufacture	L
1,010.39				Total Unit Cost - As Submitted	SE
				Value Added Tax - As Evaluated	
48.11				Value Added Tax - As Submitted	L
				Contractor's Profit - As Evaluated	
65.24				Contractor's Profit - As Submitted	
			uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
81.55			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	_
				Direct Unit Cost (E.2+F.2) - As Evaluated	
815.49				Direct Unit Cost (E.1+F.1) - As Submitted	_
				Sub-Total for F-2 As Evaluated	_
				Equipment	F.2
752.28				Sub-Total for F-1 As Submitted	
35.82				Miscellaneous 5% of Material Cost	
12.50	100.00	0.13	kg.	100	
1.66	828.00	0.00	cyl.	e. LPG (12 kg.)	_
13,80	3,450.00	0.00	cyl.	٩	;
21.00	175.00	0.12	_	c. Primer	<u> </u>
82.50	2,500.00	0.03	bag		_
585.00	1,800.00	0.33	bag	a. Thermoplastic Paint (Yellow)	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Utilit Cost (C.2 ÷ D.2) - As Evaluated	E.Z
63.21				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	_
				Output per Hour - As Evaluated	
25.00				Output per Hour - As Submitted	
				Total (A.2+B.2) - As Evaluated	
1,580.27				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
				Equipment	B)
1,111.16				Sub-Total for B-1 As Submitted	
46.91				Minor Tools 10% of Labor	
187.50	187.50	٠	Ľ	M DL	
93.75	93.75	1	1	b.	B.1
783.00	783.00	-	1	a. Cargo Truck (2 - 5 mt.)	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
469.11				Sub-Total for A-1 As Submitted	
270.94	45.16	1	6	b. Unskilled Laborer	
117.22	58.61	1	2	þ.	?
80.95	80.95	p.		م <u>ا</u>	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
			8		

ELWICK P. ACUÑA Engineer II

Prepared by

Checked/Reviewed

Name of Project

: Widening of Permanent Bridges - Tigbao Bridge (B00556MN) Along Pagadian City - Zamboanga City Road, Licomo, Zamboanga City

item No.	Description	Quantity	Unit	DURATION			_											_		_									WO																
000000 0.089s				# OF DAYS	1	2 3	4	5	6	7 8	8 9	10	11	12	13 1	4 13	5 16	17	18	19	20	21 2	22 :	23 2	24 2	25 2	26 2	27 2	8 2	9 3	0 3	32	33	34	35 3	36 3	37 3	8 39	40	41	42	43	44	45 .	46
PART A	Facilities for the Engineers					_		Ш	Ц	_		$\perp$	Ц		1								1							L			TOT	AL N	0.0	F W	ORKI	NG D	DAYS	5				:	277
A.1.1(3)	Construction of Field Office for the Engineer	1.00	L.S.	8.00																										L			INC	CLEM	ENT :	WEAT	HER						T	:	46
A.1.1(11)	Provision of Provision of Furnitures/Fixtures, Equipmen	1.00	L.S.	360																													NUN	MBER	OF:	SUME	DAYS	5					$\Box$	:	37
A.1.2(5)	Operation and Maintenance of 4 x 4 Pick-Up Type Se	12.00	month	360							1																	T					TOT	AL N	10. C	ALE	NDA	R DA	YS					:	360
PART B	Other General Requirements												П	П		Τ	1					T	1			T	T			T					T	T	T	T				T	$\neg$	7	T
B.4(1)	Construction Survey & Staking	0.44	km.	4.13								Т	П		T	T	T		П		$\neg$	T	T	T		1				T	Τ	$\top$			$\top$				$\vdash$		П		$\top$	$\top$	1
B.5	Project Billboard/Signboard	4.00	each	2.00	П	Т	Г	П	П			Т	П	П	T	T	Т		П		$\neg$	T	Т	$\neg$	$\neg$	T	$\top$	$\neg$	T				П	$\Box$	T						П	1	$\top$	$\top$	+
B.7	Occupation Safety & Health	12.00	month	360						7													1			3																			
B.9	Mobilization & Demobilization	1.00	L.S.	6.00					П			Т	П		T		П						Т	T	T	Т	T	T	T	Т		Т			T	T			Т			1	T	T	
PART C	Earthworks							П	П														T	$\top$		$\top$	$\top$	1		$^{\dagger}$	$\top$		П	$\neg$	$\top$	+	$\top$	+	$\vdash$	П	Н	$\dashv$	+	+	丁
101(1)	Removal of Structure/Obstructions	1.00	L.S.	10.00				П	П			Т	$\Box$		$\top$	T	Т	П			$\neg$		1	1		1	1	1		1		1	П	$\Box$	+	+	$^{+}$	1				1	+	+	+
101(8)	Removal of Existing Guardralis	24.00	ln.m.	0.15		T		П	$\Box$	1	1	$\top$	11	$\neg$	$\top$	$\top$		П			$\neg$	$\top$	$\top$	$\top$	$\top$	1	$\top$	$^{+}$	1	$^{\dagger}$	$^{\dagger}$	T	Н	$\neg$	T	+	+	+	$\vdash$	Н		$\forall$	+	+	+
101(9)	Removal of Existing Guardrall Posts	10.00	each	0.16			$\top$	П	Т	$\top$	1	T	$\Box$	1	$\top$	1	Т	П			1	$\top$	$\top$	$\top$	$\top$	+	+	+	+	T	+	1	Н	$\vdash$	$^{+}$	+	+	+		Н		十	+	+	+
101(10)	Removal of Existing Road Signs	6.00	each	0.15			1	П	$\exists$	+	+	T	$\vdash$	7	$^{\dagger}$	1	T	Н	П	1	$\dashv$	$\top$	$^{+}$	$^{+}$	+	+	+	+	+	t	+	+	Н	$\dashv$	+	+	+	+	$\vdash$	Н		+	+	+	+
103(1)a	Structure Excavation	63.04	cu.m.	0.39				П	$\dashv$	$\top$	+	+	$\vdash$	1	+	+	T	Н	Н	$\dashv$	+	+	+	$^{+}$	+	+	+	$^{+}$	+	t	+	T	Н	$\dashv$	+	+	+	+	1	Н		+	+	+	+
103(2)a	Bridge Excavation, Common Soli	271.64	cu.m.	1.70		+	1	$\vdash$		+	+	1	+	+		+	+	Н	H	+	+	+	+	+	+	+	+	+	+	t	+	+	Н	$\dashv$	+	+	+	+	$\vdash$	H	-	+	+	+	+
103(2)b	Bridge Excavation, Soft Rock	878.40	cu.m.	7.84			1	Н		+	+	+	$\vdash$	+	+	+	+	Н	Н	+	+	+	+	+	+	+	+	+	+	+	+	-	Н	$\dashv$	+	╅	+	+	Н	Н	+	+	+	+	+
104(1)a	Embankment from Roadway Excavation	797.52	cu.m.	1.99				Н	+	+	+	+	H	$\dashv$	+	+	+	Н	Н	+	+	+	+	+	+	+	+	+	+	╁	+	╁	Н	$\dashv$	+	+	╁	╁	Н	Н	+	+	+	+	+
104(2)a	Embankment from Borrow	4,812.33	cu.m.	12.03			H	H	+	+	+	+	+	+	+	+	+	Н	Н	$\dashv$	+	+	+	+	+	+	+	+	+	+	╁	╁	Н	$\dashv$	+	+	+	+	Н	Н	+	+	+	+	+
105(1)a	Subgrade Preparation	1,536.89	cu.m.	0.64				Н	+	+	+	+	$\vdash$	$\dashv$	+	+	-	Н	Н	-	+	+	+	+	+	+	+	+	+	+	+	-	H	$\dashv$	+	+	┿	+	H	Н	-	+	+	+	+
PART D	Subbase and Base Course					+	+	Н	+	+	+	+	+	+	+	+	$\vdash$		Н	+	+	+	+	+	+	+	+	+	+	+	+	-	Н	+	+	+	+	+	$\vdash$	Н	-	+	+	+	+
200(1)	Aggregate Subbase Course	1,209.04	cu.m.	3.02	+	+		Н	+	+	+	+	+	+	+	+	$\vdash$	H	Н	+	+	+	+	+	+	+	+	+	+	+	+	-	Н	+	+	+	+	+	$\vdash$	Н	-	+		+	+
PART E	Surface Courses	1,20,101		0.02	+	+	-	Н	+	+	+	-	H	+	+	+	₩	Н	Н	+	+	+	+	+	+	+	+	+	+	╀	+	-	Н	+	+	+	+	+		Н	-	-	4	+	+
311(1)a	Portland Cement Concrete Pavement	828.47	sq.m.	0.96	+	+	-	Н	+	+	+	+	H	+	+	+	$\vdash$	H	$\dashv$	+	+	+	+	-	+	+	+	+	+	╀	╀	-	H	+	+	+	+	+	Н	Н	-	+	+	1	+
311(1)e1	Portland Cement Concrete Pavement	2,493.11	sq.m.	5.42	+	+	-	Н	+	+	┿	+	H	+	+	+	$\vdash$	H	$\vdash$	+	+	+	+	+	+	+	+	+	+	╀	+	⊢	H	+	_	+	+	+	Н	Н	-	4	_	4	+
PART F	Bridge Construction	2,473,11	sq.m.	3.42	+	+	+	Н	+	+	+	$\vdash$	Н	+	-	+	$\vdash$	Н	Н	+	+	+	+	+	+	+	+	+	+	+	+	-	Н	4	+	+	_	+	Ш		4	4		4	4
400(1)a1		3,630.00	-	101.50	-			Н		-	-	-		_	+			Ш		4			1	-	+	_	_	1	_		_		Н	4	4	+	1	1			1	_	4	+	4
400(1)(1)	Precast Concrete Piles, furnished (400 mm x 400 mm)  Structural Steel Sheet Piles, furnished		m.	181.50	4	-					-		Н	-		+								4	4			-		1		Н	Н	4	4	_	1	$\perp$	Ш	$\Box$	4	_	4	4	4
P. A. C.		3,408.00	kg.	5.92		4				-	-		$\Box$	4	+	+	Ш	Ц		_	4	4	1	_	+	_	_	1	-	L	_		Ц	_	1	L	1	L					_	$\perp$	$\perp$
400(12)	Structural Steel Sheet Piles, driven	2,886.00	kg.	36.08	4				4		L		Ш	_			Ш	Ш		_	_	_	1	_	1	1				L			Ц		1	_	_	L					$\perp$	1	$\perp$
400(14)	Precast Concrete Piles, driven (soft strata)	3,509.00	m.	182.76	4	_	-																																						
400(16)a	Test Piles, furnished and driven	150.00	m.	7.81	4	_				1	$\perp$	Ш				L	Ш				_	_	_		_	_				L															
401(2)a	Concrete Railing	240.60	m.	34.18	_		L	Ц		┸	丄	Ш	Ш	_	_		Ш									1			L																
402(1)	Timber Structure	18.00	span	18.00																									L															T	T
404(1)a	Reinforcing Steel, Grade 40	9,264.30	kg.	6.43																																	Ι						T	T	T
404(1)b	Reinforcing Steel, Grade 60	161,031.40	kg.	111.83																								T	I					$\top$		T	T							T	T
	Structural Concrete, Class "A"	1,096.05	cu.m.	13.70																						T																T	T	T	T
	Prestressed Structural Concrete Member, Type IV-B	16.00	each	192.00																																			П	П		$\neg$	$\top$	T	T
THE PROPERTY OF	Lean Concrete	23.73	cu.m.	2.12															$\neg$				T	T		T	T	T	T			П	П			T	T		П				T	T	T
412(1)	Elastomeric Bearing Pad	32.00	each	4.00			П	П					П		T	Т				T			Т	T		T	T	T	Т	Г	Т	П	T			T	T							T	T
413(3)b	Premoided Expansion Joint Filter with Sealant	9.72	cu.m.	0.05	Т		П	П	T	Т	П	П	П			Т			$\neg$	T			Т	T	T	T	T	T				П	T	T	T	T					1		T	$\top$	T
413(7)a1	Expansion Dam for Bridges (Steel)	3.00	set	37.50		T	П				T	П					П	$\neg$		T	T	$\top$	1	1	1	T	T		$\uparrow$	T	T	П									1		1	+	+
414(1)	Forms and Falsework	1.00	L.S.	50.00	$\neg$	T	П									T	П		1	1	1	1	T	Ť	1	T	T	T	$\top$	T	Г	П		T		T	T	T		1	1	+	+	+	+
PART G	Drainage and Slope Protection Structures					T	П		T	T				T		$\dagger$	П	$\neg$	7	+	T	$^{\dagger}$	$\dagger$	1	$\top$	+	+	+	1		T	Н	+	+	+	+	+	H	Н	1	+	+	+	+	+
505(2)a	Grouted Riprap, Class "A"	849.38	cu.m.	84.94	1	1	Н	$\forall$	T	$\top$		Н	$\top$	+	+	+	Н	$\dashv$	+	+	+	+	1	$^{+}$	+	+	+	$^{+}$	1	t	$\vdash$	H	+	+	+	$^{+}$	+	$\vdash$	H	+	+	+	+	+	+
508(1)	Hand Laid Rock Embankment	186.51	cu.m.	7.46	+	+	Н	1		$\top$	1	Н	$\forall$	+	+	†	Н	$\dashv$	$\dashv$	+	$^{+}$	+	+	+	+	+	+	+	+	t	+					+	-			1			+		+
	Miscellaneous Structure				+	+	H	+	+	+		Н	+	+	+	+	Н	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+		+	-		-			-	-	-	+	-	+
	Reflectorized Thermoplastic Pavement Markings (Whi	88.00	sq.m.	0.44	+	+	Н	+	+	+	1	Н	+	+	-	-	H	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	+	+	+	+	Н	H	+	+	+	+	+	+
																												1												- 1		- 1	- 1	- 1	

Prepared by:

ELWICK P. ACUÑA

Engineer II

SATURNINO C. TORREPRANGA

### UNIT COST ANALYSIS FOR HAULING COST FOR PORTLAND CEMENT

TOTAL QUANTITY REQUIREMENTS FOR PORTLAND CEMENT

32 233 48	10 T A
2,548.14	Grouted Riprap, Class "A"
225.44	Lean Concrete
11,508.53	Siructural Concrete, Class "A"
 6,631.67	Porlland Cement Concrete Pavement
 1,184.71	Portland Cement Concrete Pavement
 135,00	Construction of Field Office for the Engineer
 QUANTITY (Bags)	DESCRIPTION

Quantity 22,233.48 вадз

Delivery Charge = P 0.120 /bag/km.

00.00	Batchina plant
6000	Zamboanga City DEO
HAULING DISTANCE	SITE

\*Average havling distance from Source to assumed Stockpiling area: say 60.00 km.

Delivery Charge = P 0.120 **7.20** /bag 60.00

\*Delivery Truck ..

22,233.48 bags., (hauling works)
20,000.00 kgs., (capacity per haul)
500.00 bags, (capacity per haul)

õ

\*Dumptruck (10 Wheeler) days computation: TIME-MOTION ANALYSIS \*Capacity of Laborers unloading bags of Cement from Delivery Truck:

Assume ( 10 ) laborers can unload 500.00 bags of Cement.

Loaded running Speed when loaded Speed when unloaded 60.00 30.00 30.00 ŝ 8

Unloaded running 60.00 40.00 8 90.00 mins.

120.00 mins.

Capacity of Dumptruck Loading and Unloading allowance for delay/traffic 45.00 3.00 8.00 mins. mins. cu.m.

No. of trips for Dumptruck Total Cycle time 8,0 500.00 258.00 258.00 60.00 bags

per day Dumptruck daily output Using (3) Dumptrucks 8 ယ x 1.86 = x 930.23 = .<sub>86</sub> 1.86 say 2,790.70 930.23 cu.m. cu.m. 1.86

<del>ਹੈ.</del>

1. No. of days for Delivery Truck unloading No, of days for Labor, for complimentary to D. Truck days 22,233.48 2,790.70 7.97 ğ 11 7.97 7.97

> days days

LABOR:

õ

Foreman

DELIVERY COST: 22,233.48 - Bay Bags, Porlland Cement © P 7.20 /bag **Sub - Total** ٦ 160,081.09

 Laborers, unloading (A) (B) 611.92 /day 342.24 /day ×× Sub - Total 7.97 days = P 7.97 days = P

4,875.17 27,266.26 **32,141.42** 

MATERIALS: 22,233.48 Grand Total Unit Cost Estimated Quantity Bags, Portland Cement (Pick-Up Price) ססססס 6,862,267.92 160,081.09 32,141.42 6,670,045.41 22,233.48 Bags 308.65 / Bag, ŝαγ Ф Ф U 300.00 309.00 / Bag / bag **Sub - Total** П Р ₽ 6,670,045.41

Labor

Materials Delivery Cost

# UNIT COST ANALYSIS FOR HAULING COST FOR ALL AGGREGATES

### Hauling Cost from the Quarry to Batching plant

Item No. Quantity ALL AGGREGATES 1,000.00 Terrain Unit cu.m. Flat to Rolling

Hauling Distance 5.00 hrs. 83.

Effective Working Hours 8.00

Hauling: Using Using 10.00 cu.m.capacity Dumptruck Weight of Dumptruck (cap. 10.00 cu.m.)

Unit weight of Fine Aggregates 1,640.00 16,000.00 kg/m3 kgs.

Maximum Volume to be Carried per DT Unit weight of Coarse Aggregates 1,534.00 11.57 kg/m3 cu.m.

\*Dumptruck (10 Wheeler) days computation : TIME-MOTION ANALYSIS Speed when loaded : 30.00 kph

Speed when unloaded Speed when loaded 40.00 5.00 κph 핡

Loaded running 5.00 30.00 8 11 00.01 mins.

Loading and Unloading Unloaded running 5.00 40.00 mins. 80 п 7.50 mins.

allowance for delay/traffic 3.00 mins.

Total Cycle time Capacity of Dumptruck 10.00 25.50 mins. cu.m.

Using (5) Dumptrucks Dumptruck daily output per day No. of trips for Dumptruck H H 5 x 60 25.50 ×× 188.24 60.00 18.82 11 11 941.18 cu.m. 188.24 cu.m. 18.82 say 18.82 trips

No. of days for Dumptrucks 1,000.00 941.18 11 1.06 say 1.06 days

#### EQUIPMENT USED: (2009 ACEL RATES)

Üŀ Unit Dumptruck @ P 11,360.00 /day × Sub - Total 1.06 days Ħ 70 ⊽ 60,350.00 60,350.00

Equipment **Grand Total** Unit Cost **Estimated Quantity 5** 0 0 0 0 60,350.00 60,350.00 1,000.00 12.07 /cu. m./km. cu.m. (Unit Cost, Hauling per cu.m.per km.)

Materials Labor

	Havling Distance		Unit Cost per cu.m./km.		Hauling Cost per cu.m.		Unit Pirce		Unit Cost per cu.m.
Cost of Fine Aggregates:	55.00	×	12.07	11	663.85	+	1,400.00	#	2,063.85
Cost of Coarse Aggregates:	55.00	×	12.07	П	663.85	+	1,200.00	is	1,863.85
Cost of Item 200 Materials:	55.00	×	12.07	11	663,85	÷	680.00	II	1,343.85
Cost of Item 201 Materials:	55.00	×	12.07	H	663,85	+	680.00	II	1,343.85
Cost of Item 300 Materials:	55.00	×	12.07	(I	663.85	+	698.00	11	1,361.85
Cost of Boulders:	55.00	×	12.07	II	663.85	+	1,100.00	11	1,763.85
Cost of Embankment, Common Borrow:	5.00	×	12.07	II	60.35	+	328.00	11	388.35