

Project

Project ID

Location

Station Limits

Source of Funds



5+200.00 - 6+924.34, 7+162.40 - 9+125.75

: CY-2019

GIONAL OFFICE IX

PROGRAM OF WORK/BUDGET COST

							FORM POW-2015-	01-00	
:	Construction of By-Pass and Diversion Roads - Zamboanga City Diversion Road, Cabaluay - Zambowood -	Net Length		(a) Road	3,	687.69 In.m	7.38	lane km	
	Mampang Section (Road Widening), Zamboanga City			(b) Bridge		ln.m			
				(c) Others		ln.m	(Approaches)		
:		Target Start Date						lane km	
:	Zamboanga City	Total Project Duration	:	-	178	Calendar Days		_	
:	5+200.00 - 6+924.34, 7+162.40 - 9+125.75	No. of Pre-determined	:	-	23	Calendar Days			

Unworkable Days

		7-2-2-2		AS SUBMITTED		AS EVALUATED
DESCRIPTION OF WORKS TO BE DONE	QUANTITY UNIT % TOTAL TOTAL DIRI		TOTAL DIRECT COST	% TOTAL	TOTAL DIRECT COST	
PART A: Facilities for the Engineers			1.16%	1,036,657.55		
B: Other General Requirements			1.05%	935,772.72		
C: Earthworks			10.30%	9,221,015.76		
D: Subbase and Base Course			17.94%	16,064,572.00		
E: Surface Courses			68.02%	60,901,050.19		
G: Drainage and Slope Protection Structures			0.57%	505,997.34		
H: Miscellaneous Structure			0.96%	863,464.13		

100.00%

89,528,529.69

EQUIPMENT:

DESCRIPTION	REQUIRED
(PLS. SEE FORM POV	V-2015-01R-00)
(PLS. SEE FORM POV	V-2013-016-00)
	9)

BREAKDOWN OF EXPENDITURES:

	AS SUBMITTED	AS EVALUATED
1. Labor	1,450,356.99	
2. Materials	74,343,652.51	
3. Rental of Equipment	13,734,520.19	
4. Provisional Sum/Daywork		
5. OCM and Profit	15,911,199.20	
6. Value Added Tax	5,271,986.44	
7. EAO, 3.5%	3,874,910.04	
8. RROW Acquisition	5,000,000.00	
9. Physical Reseved (Contigency)	413,374.64	
10. TOTAL ESTIMATED COST	120,000,000.00	

AS SUBMITTED	AS EVALUATED
89,528,529.69	
15,911,199.20	
5,271,986.44	
-	
3,874,910.04	
5,000,000.00	
413,374.64	
120,000,000,00	
	89,528,529.69 15,911,199.20 5,271,986.44 - 3,874,910.04 5,000,000.00

18

Calendar Days

Preparation and Submission:

Prepared by:

ELWICK P. ACUÑA

Engineer II

Maintenance Division

Checked/Submitted by:

Engineer IV

Maintenance Division

Evaluation: Reviewed by:

District Engineer

Planning & Design Division

Approval:

Recommending Appro

KHADAFF TANGGOL

Approved:

CAYAMONBAO D. DIA, CESO IV

Regional Director



Construction of By-Pass and Diversion Roads - Zamboanga City Diversion Road, Cabaluay - Zambowood - Mampang Section (Road Widening), Zamboanga City Zamboanga City

FORM POW-2015-01A-00

ITEMIZED BREAKDOWN

		0	arrov.			DIRECT	COST		TOTAL U	NIT COST	% DIRECT
ITEM NO.	DESCRIPTION	QUAI	NTITY	UNIT	TOTA	AL	UNIT	COST	то	TAL	COST
		AS SUBMITTED	AS EVALUATED		AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED		AS EVALUATE
PART A	Facilities for the Engineers							1.50			
A.1.1(3)	Construction of Field Office for the Engineer	1.00		L.S.	416,968.12		416,968.12		516,623.50		0.47%
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.	333,873.33		333,873.33		378,612.36		0.37%
A.1.2(5)	Operation and Maintenance of 4 x 4 Pick-Up Type Service Vehicle for the Engineer	5.93		month	285,816.10		48,171.25		50,579.82		0.32%
	TOTAL OF PART A				1,036,657.55						1.16%
PART B	Other General Requirements										
B.4(1)	Construction Survey & Staking	3.69		km.	163,752.85		44,405.27		55,018.12		0.18%
B.5	Project Billboard/Signboard	4.00		each	18,583.10		4,645.78		5,756.12		0.02%
B.7	Occupation Safety & Health	5.93		month	206,458.77		34,796.42		39,459.14		0.23%
B.9	Mobilization & Demobilization	1.00		L.S.	546,978.00		546,978.00		574,326.90		0.61%
	TOTAL OF PART B				935,772.72						1.05%
PART C	Earthworks										
102(1)	Unsuitable Excavation	1,027.00		cu.m.	246,699.73		240.21		297.63		0.28%
102(2)	Surplus Common Excavation	5,817.00		cu.m.	832,440.69		143.10		177.31		0.93%
103(3)	Foundation Fill	7.00		cu.m.	15,641.37		2,234.48		2,768.52		0.02%
103(6)a	Pipe Culverts and Drain Excavation	47.00		cu.m.	10,882.80		231.55		286.89		0.01%
104(1)a	Embankment from Roadway Excavation	9,517.00		cu.m.	2,201,494.40		231.32		286.61		2.46%
104(5)	Boulder Fill	3,303.00		cu.m.	5,518,124.38		1,670.64		2,069.92		6.16%
105(1)a	Subgrade Preparation	24,660.00		sq.m.	395,732.38		16.05	×	19.88		0.44%
	TOTAL OF PART C				9,221,015.76						10.30%
PART D	Subbase and Base Course										
200(1)	Aggregate Subbase Course	14,633.00		cu.m.	16,064,572.00		1,097.83		1,360.21		17.94%
	TOTAL OF PART D				16,064,572.00						17.94%
PART E	Surface Courses										
300(1)	Gravel Surface Course	1,748.00		cu.m.	1,961,224.10		1,121.98		1,390.14		2.19%
311(1)a	Portland Cement Concrete Pavement (0.15 m. thk.)	641.00		sq.m.	612,070.69		954.87		2,173.28		0.68%
311(1)e1	Portland Cement Concrete Pavement (0.28 m. thk.)	33,253.00		sq.m.	58,327,755.40		1,754.06		2,173.28		65.15%
	TOTAL OF PART E				60,901,050.19						68.02%

						DIRECT	COST		TOTAL UI	VIT COST	% DIRECT
ITEM NO.	DESCRIPTION	QUA	YTITY	UNIT	TOTA	AL	UNIT	COST	TO	ΓAL	COST
		AS SUBMITTED	AS EVALUATED	, T	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS EVALUATED
PART G	Drainage and Slope Protection Structures	V. 68 18 18 18 18 18 18 18 18 18 18 18 18 18		100000	VSTIS GENERAL						8.678 and
500(1)b3	Pipe Culverts	48.00		In.m.	145,649.22	-	3,034.36		3,759.57		0.16%
	Grouted Riprap, Class "A"	22,00		cu.m.	83,638.61		3,801.75		4,710.37		0.09%
	Stone Masonry	60.00		cu.m.	276,709.51		4,611.83	T	5,714.05		0.31%
	TOTAL OF PART G				505,997.34						0.57%
PART H	Miscellaneous Structure										
	Reflectorized Thermoplastic Pavement Markings (White)	1,098.00		sq.m.	814,272.40		741.60		918.84		0.91%
612(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	47.00		sq.m.	38,392.17		816.85		1,012.08		0.04%
	Geotextile	61.00		sq.m.	10,799.56		177.04		219.35		0.01%
\ _ /	TOTAL OF PART H				863,464.13						0.96%
	GRAND TOTAL				89,528,529.69						100.00%

.



FORM POW-2015-01B-00

MINIMUM EQUIPMENT REQUIREMENT

No.	Equipment Description	Capacity	Number of Equipment	No.	Equipment Description	Capacity	Number of Equipment
1	Dumptruck (10 Wheeler)	12 cu. Yd	10	26			
2	Bulldozer		2	27			
3	Backhoe	0.83 cu.m/1.04 cu. Yd	3	28			
4	Road Grader		2	29			
5	Road Roller	10 mt	2	30			
6	Payloader	1.50 cu.m/1.95 cu.yd	4	31			
7	Water Truck/Pump	16000L	2	32			
8	Water Tank		2	33			
9	Transit Mixer	5-6 cu. Yd	4	34			
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				44			
20				45			
21				46			
22				47			
23				48			
24				49	*		
25				50			
	SUB-TOTAL		43		SUB-TOTAL		0



DI EGIONAL OFFICE IX

Construction of By-Pass and Diversion Roads - Zamboanga City Diversion Road, Cabaluay - Zambowood - Mampang Section (Road Widening), Zamboanga City Zamboanga City

9167067600

FORM POW-2015-01C-00

						ITEMIZED	BREAKDOWN						
							DETAI	LED BREAKDOWN	OF COMPONENT CO	ST FOR EAC	H ITEM		
ETEM NO.	DESCRIPTION						DIRECT	CONTRACTOR OF THE PARTY OF THE	1		L MARK-UP		
LIEPINO.	DESCRIPTION		%	QTY	UNIT	MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE	5% VAT	TOTAL COST
PART A	Facilities for the Engineers												
AN. A	racinges for the Engineers	AS EVALUATED											
A.1.1(3)	Construction of Field Office for the Engineer	AS SUBMITTED	0.47%	1.00	L.S.	336,321.98	47,991.04	32,655.10	416,968.12	18.00%	75,054.26	24,601.12	516,623.50
		AS EVALUATED	0.1770	1.00		550,522.50							
A.1.1(11)	Provision of Provision of Furnitures/Fixtures, Equipment and Appliances for the Field Office for the Field Engineer	AS SUBMITTED	0.37%	1.00	L.S.	333,873.33			333,873.33	8.00%	26,709.87	18,029.16	378,612.30
		AS EVALUATED	0.37 70	1.00	L.J.	333,073.33			300,070.00	0,000			
A.1.2(5)	Operation and Maintenance of 4 x 4 Pick-Up Type Service Vehicle for the Engineer	AS SUBMITTED	0.32%	5.93	month	196,914.00	88,902,10		285,816.10	0.00%		14,290.81	300,106.9
	Tolling its the digital	AS EVALUATED	0.3270	3.33	monut	150,511.00	00,502.120		200/020120				
	TOTAL OF PART A	AS SUBMITTED	1.16%			867,109.31	136,893.14	32,655.10	1,036,657.55		101,764.13	56,921.08	1,195,342.76
		AS SOUNTITED	1.1070	C 50.5 HS1.5Hd	ins the entire	007/205/02	250,05012		Region 1906 to provide				
PART B	Other General Requirements	AS EVALUATED	T							COMPANY ARREST			
B.4(1)	Construction Survey & Staking	AS SUBMITTED	0.18%	3,69	km.	40,656.78	103,524.41	19,571.67	163,752.85	18.00%	29,475.51	9,661.42	202,889.79
			0.10%	3.09	NIII	40,030.76	103,324.41	15,5/ 1.0/	105,752.05	10.0070	25,115.52	3/002.12	202/00011
B.5	Project Billboard/Signboard	AS EVALUATED	0.000/	4.00		14,660.00	3,923.10	-	18,583.10	18.00%	3,344.96	1,096.40	23,024.46
		AS SUBMITTED	0.02%	4.00	each	14,000.00	3,923.10		18,383.10	10.0070	3,344.50	1,030.10	25,02 1.10
B.7	Occupation Safety & Health	AS EVALUATED		F.03		25.750.00	110 600 77	60,000,00	206,458.77	8.00%	16,516.70	11,148.77	234,124.25
		AS SUBMITTED	0.23%	5.93	month	26,760.00	119,698.77	60,000.00	200,438.77	8.00%	10,316.70	11,140.77	254,124.25
B.9	Mobilization & Demobilization	AS EVALUATED						F46 070 00	E46 079 00	0.00%		27,348.90	574,326.90
		AS SUBMITTED	0.61%	1.00	L.S.	•	-	546,978.00	546,978.00	0.00%		27,540.90	374,320.30
	TOTAL OF PART B	AS EVALUATED						606 540 67	225 222 22		49,337.17	49,255.49	1,034,365.39
		AS SUBMITTED	1.05%			82,076.78	227,146.28	626,549.67	935,772.72	INDEX MANAGES	49,337.17	49,233.49	1,004,305.55
PART C	Earthworks												
102(1)	Unsuitable Excavation	AS EVALUATED		4 007 00		200	11.056.20	224 042 52	246,699.73	18.00%	44,405.95	14,555.28	305,660.96
	AND	AS SUBMITTED	0.28%	1,027.00	cu.m.	-	11,856.20	234,843.53	240,099.73	16.00%	14,703.93	14,535.26	303,000.50
102(2)	Surplus Common Excavation	AS EVALUATED					17.710.00	014 704 07	022 440 60	10.000/	140 930 33	49,114.00	1,031,394.02
- Composition		AS SUBMITTED	0.93%	5,817.00	cu.m.	-	17,718.82	814,721.87	832,440.69	18.00%	149,839.32	43,114.00	1,031,354.02
103(3)	Foundation Fill	AS EVALUATED						200.05	45.644.27	10.000/	2.015.45	922.84	19,379.66
		AS SUBMITTED	0.02%	7.00	cu.m.	13,096.63	1,562.50	982.25	15,641.37	18.00%	2,815.45	922.84	19,379.00
103(6)a	Pipe Culverts and Drain Excavation	AS EVALUATED						10.240.24	40.000.00	10.000/	1.050.00	642.09	13,483.79
1000		AS SUBMITTED	0.01%	47.00	cu.m.	-	542.59	10,340.21	10,882.80	18.00%	1,958.90	042.09	13,403.7
104(1)a	Embankment from Roadway Excavation	AS EVALUATED								40.000	200 200 20	120,000,17	2 727 651 56
		AS SUBMITTED	2.46%	9,517.00	cu.m.		63,660.24	2,137,834.16	2,201,494.40	18.00%	396,268.99	129,888.17	2,727,651.56
104(5)	Boulder Fill	AS EVALUATED											5 000 0FC 44
20 (0)		AS SUBMITTED	6.16%	3,303.00	cu.m.	4,359,152.42	315,180.19	843,791.78	5,518,124.38	18.00%	993,262.39	325,569.34	6,836,956.11
105(1)a	Subgrade Preparation	AS EVALUATED											*** *** ***
100(1)0	Subgrade i reparation	AS SUBMITTED	0.44%	24,660.00	sq.m.	-	15,023.08	380,709.30	395,732.38	18.00%	71,231.83	23,348.21	490,312.42
	TOTAL OF PART C	AS EVALUATED											
	TOTAL OF THAT O	AS SUBMITTED	10.30%			4,372,249.04	425,543.62	4,423,223.10	9,221,015.76		1,659,782.84	544,039.93	11,424,838.52
PART D	Subbase and Base Course	ment are while											
200(1)	Aggregate Subbase Course	AS EVALUATED											
200(1)	nggregate outrose course	AS SUBMITTED	17.94%	14,633.00	cu.m.	14,655,629.93	53,487.27	1,355,454.79	16,064,572.00	18.00%	2,891,622.96	947,809.75	19,904,004.71
	TOTAL OF PART D	AS EVALUATED											
	TOTAL OF PART D	AS SUBMITTED	17.94%			14,655,629.93	53,487.27	1,355,454.79	16,064,572.00		2,891,622.96	947,809.75	19,904,004.71

3							DETAI	LED BREAKDOWN	OF COMPONENT C	OST FOR EA	CH ITEM			
ITEM NO.	DESCRIPTION		T				DIREC	COST		тот	AL MARK-UP			
		:	%	QTY	UNIT	MATERIAL	LABOR	EQUIPMENT	TOTAL	% VALUE		5% VAT	TOTAL COST	
PART E	Surface Courses	0.0000000000000000000000000000000000000		version ranka.			Andrios de la casa			4.00 Jan				
200(4)	G. 15 (C.	AS EVALUATED												
300(1)	Gravel Surface Course	AS SUBMITTED	2.19%	1,748.00	cu.m.	1,792,917.48	6,389.38	161,917.24	1,961,224.10	18.00%	353,020.34	115,712.22	2,429,956.66	
211/13-	Portland Cement Concrete Pavement (0.15 m. thk.)	AS EVALUATED												
211(1)a	Polgand Centent Concrete Pavement (0.15 nr. tine)	AS SUBMITTED	0.68%	641.00	sq.m.	534,694.08	5,457.20	71,919.41	612,070.69	18.00%	110,172.72	36,112.17	758,355.58	
744/4\-+	D-45-4 C C D (A 28 m 4bl.)	AS EVALUATED												
211(1)er	Portland Cement Concrete Pavement (0.28 m. thk.)	AS SUBMITTED	65.15%	33,253.00	są.m.	50,835,099.44	528,440.77	6,964,215.19	58,327,755.40	18.00%	10,498,995.97	3,441,337.57	72,268,088.94	
	TOTAL OF PART E	AS EVALUATED											,	
	TOTAL OF PART E	AS SUBMITTED	68.02%			53,162,711.00	540,287.35	7,198,051.83	60,901,050.19		10,962,189.03	3,593,161.96	75,456,401.18	
PART G	Drainage and Slope Protection Structures	i élekkerskorenie:												
E00/13k2	Pipe Culverts	AS EVALUATED												
300(1)03	Pipe Culvers	AS SUBMITTED	0.16%	48.00	ln.m.	110,386.85	11,050.16	24,212.22	145,649.22	18.00%	26,216.86	8,593.30	180,459.38	
EUECU)-	Grouted Riprap, Class "A"	AS EVALUATED												
303(2)6	Grotied Riprap, Class A	AS SUBMITTED	0.09%	22.00	cu.m.	66,909.30	10,496.46	6,232.85	83,638.61	18.00%	15,054.95	4,934.68	103,628.23	
506(1)	Stone Masonry	AS EVALUATED												
300(1)	State Plason y	AS SUBMITTED	0.31%	60.00	cu.m.	237,607.18	22,364.63	16,737.71	276,709.51	18.00%	49,807.71	16,325.86	342,843.09	
	TOTAL OF PART G	AS EVALUATED												
	TOTAL OF TAKE O	AS SUBMITTED	0.57%			414,903.32	43,911.25	47,182.77	505,997.34	· · · · · · · · · · · · · · · · · · ·	91,079.52	29,853.84	626,930.71	
PART H	Miscellaneous Structure			i in a said an a said	y ferred					4994894083		wig vertical cardin		
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	AS EVALUATED												
012(1)	Resectorized Thermopiasat Pavement Plankings (vanite)	AS SUBMITTED	0.91%	1,098.00	sq.m.	743,368.01	21,965.93	48,938.45	814,272.40	18.00%	146,569.03	48,042.07	1,008,883.50	
612(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	AS EVALUATED									ļ			
OXZ(Z)	References (Services Furthern Charles (10.07)	AS SUBMITTED	0.04%	47.00	sq.m.	35,357.10	940.25	2,094.82	38,392.17	18.00%	6,910.59	2,265.14	47,567.90	
715(1)	Geotextile	AS EVALUATED												
, 10(1)		AS SUBMITTED	0.01%	61.00	sq.m.	10,248.00	181.90	36 9 .66	10,799.56	18.00%	1,943.92	637.17	13,380.65	
	TOTAL OF PART H	AS EVALUATED						,						
	14174 41 1121	AS SUBMITTED	0.96%			788,973.12	23,088.08	51,402.93	863,464.13		155,423.54	50,944.38	1,069,832.06	
	GRAND TOTAL	AS EVALUATED			ļ						ļ			
	are the second	AS SUBMITTED	100.00%			74,343,652.51	1,450,356.99	13,734,520.19	89,528,529.69		15,911,199.20	5,271,986.44	110,711,715.33	



DPW

GIONAL OFFICE IX

Construction of By-Pass and Diversion Roads - Zamboanga City Diversion Road, Cabaluay - Zambowood - Mampang Section (Road Widening), Zamboanga City Zamboanga City

SUMMARY OF APPROVED BUDGET FOR THE CONTRACT

FORM POW-2015-02-00

	DESCRIPTION OF MODIC TO BE	SONE	FORTMATED DEDECT COOR	7	TOTAL MARK-UP		98,592.67 2,203,822.77 3,839,432.71 14,555,350.99 120,933.36 206,367.93	
	DESCRIPTION OF WORKS TO BE I	JONE	ESTIMATED DIRECT COST	%	TOTAL DIRECT COST	VAT	TOTAL INDIRECT COST	TOTAL COST
DADT A	Carillian for the Carines	AS EVALUATED						
PART A	Facilities for the Engineers	AS SUBMITTED	1,036,657.55		101,764.13	56,921.08	158,685.21	1,195,342.76
DARTE	Other Consul Brandana	AS EVALUATED						
PART B	Other General Requirements	AS SUBMITTED	935,772.72		49,337.17	49,255.49	98,592.67	1,034,365.39
DARTC	F	AS EVALUATED						
PART C	Earthworks	AS SUBMITTED	9,221,015.76		1,659,782.84	544,039.93	2,203,822.77	11,424,838.52
DART D	C. bloom and Break Courses	AS EVALUATED						
PART D	Subbase and Base Courses	AS SUBMITTED	16,064,572.00		2,891,622.96	947,809.75	3,839,432.71	19,904,004.71
DADT 5	6.56	AS EVALUATED						
PART E	Surface Courses	AS SUBMITTED	60,901,050.19	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10,962,189.03	3,593,161.96	14,555,350.99	75,456,401.18
DARTO	Desired State Stat	AS EVALUATED						
PART G	Drainage and Slope Protection Structures	AS SUBMITTED	505,997.34		91,079.52	29,853.84	120,933.36	626,930.71
DARTII	Batter Harris Christian	AS EVALUATED						
PART H	Miscellaneous Structure	AS SUBMITTED	863,464.13		155,423.54	50,944.38	206,367.93	1,069,832.06
	TOTAL	AS EVALUATED						
	TOTAL	AS SUBMITTED	89,528,529.69		15,911,199.20	5,271,986.44	21,183,185.64	110,711,715.33

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 CHORREFRANCA

District Engineer

Planning & Design Division

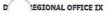
KHADAFFT Q. TANGGOL

Assistant Regional Director

CAYAMOMBAO D. DIA, CESO IV

Regiona Director





Construction of By-Pass and Diversion Roads - Zamboanga City Diversion Road, Cabaluay - Zambowood - Mampang Section (Road Widening), Zamboanga City Zamboanga City

FORM POW-2015-02A-00

ITEM NO.	DESCRIPTION		QTY	UNIT	ESTIMATED DIRECT COST	то	TAL MARK-UP	VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						%	VALUE				
PART A	Facilities for the Engineers										
4.1.1(2)		AS EVALUATED									
A.1.1(3)	Construction of Field Office for the Engineer	AS SUBMITTED	1.00	L.S.	416,968.12	18.00%	75,054.26	24,601.12	99,655.38	516,623.50	516,623.50
A 1 1/11)	Provision of Provision of Furnitures/Fixtures, Equipment and	AS EVALUATED									
A.1.1(11)	Appliances for the Field Office for the Field Engineer	AS SUBMITTED	1.00	L.S.	333,873.33	8.00%	26,709.87	18,029.16	44,739.03	378,612.36	378,612.36
A 1 2/5)	Operation and Maintenance of 4 x 4 Pick-Up Type Service	AS EVALUATED									
A.1.2(5)	Vehicle for the Engineer	AS SUBMITTED	5.93	month	285,816.10	0.00%	-	14,290.81	14,290.81	300,106.91	50,579.82
	TOTAL OF BART A	AS EVALUATED									
	TOTAL OF PART A	AS SUBMITTED			1,036,657.55		101,764.13	56,921.08	158,685.21	1,195,342.76	
PART B	Other General Requirements										
D 4/4)		AS EVALUATED									
B.4(1)	Construction Survey & Staking	AS SUBMITTED	3.69	km.	163,752.85	18.00%	29,475.51	9,661.42	39,136.93	202,889.79	55,018.12
		AS EVALUATED									
B.5	Project Billboard/Signboard	AS SUBMITTED	4.00	each	18,583.10	18.00%	3,344.96	1,096.40	4,441.36	23,024.46	5,756.12
-		AS EVALUATED									
B.7	Occupation Safety & Health	AS SUBMITTED	5.93	month	206,458.77	8.00%	16,516.70	11,148.77	27,665.48	234,124.25	39,459.14
		AS EVALUATED									
B.9	Mobilization & Demobilization	AS SUBMITTED	1.00	L.S.	546,978.00	0.00%		27,348.90	27,348.90	574,326.90	574,326.90
		AS EVALUATED									
	TOTAL OF PART B	AS SUBMITTED			935,772.72		49,337.17	49,255.49	98,592.67	1,034,365.39	
PART C	Earthworks										
100000000000000000000000000000000000000		AS EVALUATED									
102(1)	Unsuitable Excavation	AS SUBMITTED	1,027.00	cu.m.	246,699.73	18.00%	44,405.95	14,555.28	58,961.23	305,660.96	297.63
100/01	CODE A STREET AND SELECTION AN	AS EVALUATED									
102(2)	Surplus Common Excavation	AS SUBMITTED	5,817.00	cu.m.	832,440.69	18.00%	149,839.32	49,114.00	198,953.33	1,031,394.02	177.31
		AS EVALUATED									
103(3)	Foundation Fill	AS SUBMITTED	7.00	cu.m.	15,641.37	18.00%	2,815.45	922.84	3,738.29	19,379.66	2,768.52
93/21222		AS EVALUATED									
103(6)a	Pipe Culverts and Drain Excavation	AS SUBMITTED	47.00	cu.m.	10,882.80	18.00%	1,958.90	642.09	2,600.99	13,483.79	286.89
		AS EVALUATED									
104(1)a	Embankment from Roadway Excavation	AS SUBMITTED	9,517.00	cu.m.	2,201,494.40	18.00%	396,268.99	129,888.17	526,157.16	2,727,651.56	286.61
		AS EVALUATED									
104(5)	Boulder Fill	AS SUBMITTED	3,303.00	cu.m.	5,518,124.38	18.00%	993,262.39	325,569.34	1,318,831.73	6,836,956.11	2,069.92
25.50		AS EVALUATED									
105(1)a	Subgrade Preparation	AS SUBMITTED	24,660.00	sq.m.	395,732.38	18.00%	71,231.83	23,348.21	94,580.04	490,312.42	19.88
		AS EVALUATED									
	TOTAL OF PART C	AS SUBMITTED			9,221,015.76		1,659,782.84	544,039.93	2,203,822.77	11,424,838.52	

ITEM NO.	⊳ ∈SCRIPTION		QΤΥ	UNIT	ESTIMATED DIRECT COST	то	TAL MARK-UP	VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						%	VALUE				
PART D	Subbase and Base Course										
200(1)	A	AS EVALUATED									
200(1)	Aggregate Subbase Course	AS SUBMITTED	14,633.00	cu.m.	16,064,572.00	18.00%	2,891,622.96	947,809.75	3,839,432.71	19,904,004.71	1,360.21
	TOTAL OF BART D	AS EVALUATED									
	TOTAL OF PART D	AS SUBMITTED			16,064,572.00		2,891,622.96	947,809.75	3,839,432.71	19,904,004.71	
PART E	Surface Courses										
200(1)	Canada Surface Course	AS EVALUATED									
300(1)	Gravel Surface Course	AS SUBMITTED	1,748.00	cu.m.	1,961,224.10	18.00%	353,020.34	115,712.22	468,732.56	2,429,956.66	1,390.14
244/4\-	Death-of Course Courses Downwest (0.15 m. Abb.)	AS EVALUATED									
311(1)a	Portland Cement Concrete Pavement (0.15 m. thk.)	AS SUBMITTED	641.00	sq.m.	612,070.69	18.00%	110,172.72	36,112.17	146,284.89	758,355.58	1,183.08
244/41-4	2 4 4 2 4 2 4 2 4 2 4 4 4 4 4 4 4 4 4 4	AS EVALUATED									
311(1)e1	Portland Cement Concrete Pavement (0.28 m. thk.)	AS SUBMITTED	33,253.00	sq.m.	58,327,755.40	18.00%	10,498,995.97	3,441,337.57	13,940,333.54	72,268,088.94	2,173.28
	TOTAL OF DART F	AS EVALUATED									
	TOTAL OF PART E	AS SUBMITTED			60,901,050.19		10,962,189.03	3,593,161.96	14,555,350.99	75,456,401.18	
PART G	Drainage and Slope Protection Structures					English.					
500(4)1.5		AS EVALUATED									
500(1)03	Pipe Culverts	AS SUBMITTED	48.00	ln.m.	145,649.22	18.00%	26,216.86	8,593.30	34,810.16	180,459.38	3,759.57
505(0)	and the section of th	AS EVALUATED									
505(2)a	Grouted Riprap, Class "A"	AS SUBMITTED	22.00	cu.m.	83,638.61	18.00%	15,054.95	4,934.68	19,989.63	103,628.23	4,710.37
		AS EVALUATED									
506(1)	Stone Masonry	AS SUBMITTED	60.00	cu.m.	276,709.51	18.00%	49,807.71	16,325.86	66,133.57	342,843.09	5,714.05
		AS EVALUATED									
	TOTAL OF PART G	AS SUBMITTED			505,997.34		91,079.52	29,853.84	120,933.36	626,930.71	
PART H	Miscellaneous Structure										
		AS EVALUATED									
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	AS SUBMITTED	1,098.00	sq.m.	814,272.40	18.00%	146,569.03	48,042.07	194,611.10	1,008,883.50	918.84
TO SERVE VI	S I FO S VESSER IN ALTER — CONSISS MADON MATERIAL	AS EVALUATED									
612(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	AS SUBMITTED	47.00	sq.m.	38,392.17	18.00%	6,910.59	2,265.14	9,175.73	47,567.90	1,012.08
	Massumone as c	AS EVALUATED									
715(1)	Geotextile	AS SUBMITTED	61.00	sq.m.	10,799.56	18.00%	1,943.92	637.17	2,581.09	13,380.65	219.35
		AS EVALUATED									
	TOTAL OF PART H	AS SUBMITTED			863,464.13		155,423.54	50,944.38	206,367.93	1,069,832.06	
	GRAND TOTAL	AS SUBMITTED			89,528,529.69		15,911,199.20	5,271,986.44	21,183,185.64	110,711,715.33	

Preparation and Submission:

Prepared by:

ELWICK P. ACUÑA

Engineer II Maintenance Division Checked/Submiletd by:

JAMMA ISIDRA A. ESTANISLAO Engineer IV

Paintenance Division

SATURNING C. TO REFRANCA

Planning & Design Division

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

										T									7.								E.2	E.	D.2	D.1	C.2	ũ		в.2	Ī			5	D -				A.2					A.1			
c. W-2, Jalousie Window, 2.80 m. x 1.20 m.	i i	1	a. D-1. Hollow Care Flush Type Swing Door,	e. No. 15 G.I. He Wife		1	D. Forustic Sand		1	- 1			a. Coco Lumber	-1	b. No. 16 G.I. Tie Wire	a. Deformed Round Bar, Grade 40 kg.	C. regard can Bars (Footings, Columns, Beams,	D. Crosted Good		- 1	C. Con resenting	- 1	-		l CT	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	Eduloses	Continuent	Sub-Total for B-1 As Submitted	Minor Tools 10% of Labor Cost	룺	a. One Bagger Mixer	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	d. Laborers	c. Carpenters	b. Masons	a. Construction Foreman	Labor	Designation
set	set		set	Ŋ	2 3	bo .	U III	ban Pa	3		ka,	pc,	bd,ft.		ē,	kg.	& Slab on Grade	CI M	OL M	ban	R Sish on Grade)	Carling	CU.M.	T		Unit												p *	ь		No. of Units					c	n u	J (L	1		No. of Person/s
2.00	2,00		2,00	2.50	2 50	65.00	8.00	45.00	650.00		5,00	18.00	400.00			435,00		18 00	21.00	90.00		2.50	10.00	3 50		Quantity		- Constant										œ	48		No. of Hour/s					d,	64	2 2	64		No. of Hour/s
1,848.00	924.00		1,765.26	T00.00	100.00	38.00	1.626.91	303.00	16.00		65.00	610.00	13.00		80,00	38,00	-	1.626.91	1.416.91	303.00		1.900,00	388.35	1 416 91		Unit Cost		- CLASSOCIUM										2,450.00	172.00		Hourly Rate					70.10	48 13	62,43	86,51		Hourly Rate
3,030,00	1,848.00		3,530.52	20100	250.00	2.470.00	13,015,28	13,635,00	10.400.00		325,00	10,980.00	5,200.00		1,600.00	16,530.00		29.284.38	29.755,11	27.270,00		4,750,00	3,883,50	4.959.19		Amount (Php.)	3	80,646,14	20.02.2			80,646.14				32,655.10	7,755,17	19,000,00	8,256.00		Amount (Php.)				47,991,04		18,480.96	11 986 80	5,536.48		Amount (Php.)

Prepared by: ELWICK P. ACUÑA Engineer II	K.1 Total Unit Cost - As Submitted K.2 Total Unit Cost - As Evaluated	J.2 Value Added Tax - As Evaluated	1.2 Contractor's Front - As Evaluated J.1 Value Added Tax - As Submitted	I.1 Contractor's Profit - As Submitted	H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	G.2 Direct Unit Cost (E.2+F.2) - As Evaluated	Sub-Total for F-2 As Evaluated	F.2 Equipmesit	Sub-Total for F-1 As Submitted		4" PVC assorted Connector			d. 1/2" Water Faucet pc		de. Fitting & Accessories)		s. electrical tape (big) pc	octagonal box	p. wire holder pc	20mm dia. RSC Clamp 20mm dia. Service entrance can				h, 15mm dia, PVC Coupling pc i, 15mm dia, PVC Elbow pc		e, 3.5mm2 thw roll f, 8.00mm2 thw m	two gang switch	b. Porcelain Ceiling Outlet w/ female socket pc c. Duplex Convinience outlet pc		e. Wood Preservative Brown L X Electrical Works	d. Common Wire Nails kg.		a. Rough Lumber, sun dried tanguile bd.ft.			Pre-painted ridge roll ga 24, 0.60m width Pre-painted flashing ga 24	a. Pre-painted GI Roofing Sheet long span sq.m.	I. Primer, Zinc Cromate gal.			h, 10mm thk batten plate kg	12mm thk base plate		d. Purlins C- 150 x 50 x 3mm, kg.		
Checked/Reviewed										8.00	6,00	1.00	8.00	2.00	1,00	1.00	2.00	7.00	7.00 8.00	2.00	10.00	3,00	4.00	55,00	25.00 25,00	20,00	3.00 25,00	3.00	3.00	5.00	5.00	10.00	30.00	500.00	2.00	1000.00	10.00	55,00	5.00	15.00	10,00	15.00	25,00	35.00	18.00	100.00	350.00 250.00
ISIDRA A. ESTANISLAO Engineer IV										56,00	77.00	305.00	20.00	321.00	6,615.00	7,375.00	1,627.00	31.00	32,00	50,00	18.00	30.00	240,00	8.00	5,00 26,00	73,00	3,600.00	170.00	50,00	1,030.00	400.00	65.00	450.00	37.00	250.00	2,00	189.00	420.00	531,00	163.00	36.00	47.00	47.00	38.00	48,00	48.00	48.00 48.00
107	516,623.50		24,601.12	33,357.45	41,696.81	410,908.12	C1 030 31A		336,321.98	448.00	462.00	305.00	160,00	642.00	6,615,00	7,375.00	3,254.00	217.00	224.00	100.00	180.00	90,00	960,00	440.00	125.00	1,460.00	10,800.00	510.00	100.00	5,150.00	2,000.00	650,00	13,500.00	18,500.00	500.00	2,000.00	1,890.00	23,100.00	2,655.00	2,445.00	360,00	705.00	1,175.00	1,330.00	864,00	4,800.00	15,800.00

Construction of By-Pass and Diversion Road 'amboanga City Diversion Road, Cabaluay - Zambowood - Mampar 'ction (Road Widening), Zamboanga City
Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

A.1.1(11)

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

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

		1.1			_		<u> </u>	└	71 2										Ę		,									€.2				C :		В.2			Į.				A J		<u>^</u>	
Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Overnead, Conungercies & Miscellaneous (OCM) - As Evaluated	(M)	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	Edubiseric	Sub-Total for F-1 As Submitted	c. LPG (11 kg)	b. Water Bill	Lighting/Water Fixtures	Printer	k. Desktop Computer	i, Cellphone	n. Dining rapie	(Plates, Spoons & Forks, Glasses, etc.)	g. Kitchenware	Ball Pens, Pencil, Envelopes, etc.)	(Folders, Bond Paper, Yellow Pads,	f. Various Office Supply		- 1	C. pillows w/ pillow cases, fitted sheets and blanket	- [a. Electric Desk Fan	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	Outrast per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Sub-Total for B-z AS Evaluated	O.b. Total for B.D. An Euglinsted	Equipment	Sub-Total for B-1 As Submitted	Ediplielic		Name and Capacity	Sub-Total for A-2 As Evaluated	Labor	Sub-Total for A-1 As Submitted	Labor	Designation
				luaced	mitted						mo.	mo,	mo	set	set	set	Set	201	LS.			L.S.	unit	unit	each	each	unit		Unit												No. of Units					No. of Person/s
											5,93	5.93	K 03	1.00	1.00	4.00	2.00	4 00	1.00			1.00	1.00	1.00	2.00	200	2.00		Quantity											,	No, of Hour/s					No. of Hour/s
											1,000.00	1,500.00	2 000 00	14,900.00	95,000.00	15,000,00	47,000,00	000.00	30,000.00			45,000.00	2,500.00	3,700.00	5.000.00	00.007.2	1.370.00		Unit Cost											-	Hourly Rate					Hourly Rate
378,612.36 -	100	18.029.16		76 200 27	,		333,873.33			333,873.33	5,933.33	8,900.00	00 008 £ t	14,900.00	95,000.00	60,000,00	34 000 00	0 000 00	30,000.00			45,000.00	2,500.00	3,700,00	10.000.00	5 400 00	2.740.00		Amount (Php.)		-			***************************************							Amount (Php.)					Amount (Php.)

ELWICK P. ACUÑA Engineer II

Checked/Reviewed

Construction of By-Pass and Diversion Road Imboanga City Diversion Road, Cabaluay - Zambowood - Mampan Tion (Road Widening), Zamboanga City

Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

A.1.2(5) Operation and Maintenance of 4 \times 4 Pick-Up Type Service Vehicle for the Engineer 5.93 month

** ** **

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

				rotal crift cost - As Evaluated	7.
206,759.70				Total Unit Cost - As Submitted	ă ă
3				Value Added Tax - As Evaluated	3.2
9,845,70				Value Added Tax - As Submitted	J.1
				Contractor's Profit - As Evaluated	1.2
				Contractor's Profit - As Submitted	Ξ
			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Н.2
			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
				Direct Unit Cost (E,2+F,2) - As Evaluated	G.2
196,914.00				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Equipment	
196,914.00				Sub-Total for F-1 As Submitted	
30,000.00	30,000.00	1.00	L,S,	d. Miscelianeous	
16,554.00	16,554.00	1.00	L,S,		
40,000.00	40,000.00	1.00	L.S.	<u>p</u>	F.1
110,360.00	31.00	3,560.00	F		
				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
88,902,10				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
				r Anibilist is	8,2
				Sub-local 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	
88,902.10				Sub-Total for A-1 As Submitted	
88,902.10	62,43	1,424.00	J	a. Driver	
				I	Α.
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
					_

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

Construction of By-Pass and Diversion Read Zamboanga City Diversion Road, Cabaluay - Zambowood - Mamy 'ection (Road Widening), Zamboanga City
Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

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

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

				Total Unit Cost - As Evaluated	ζ. ₂
55,018.12				Total Unit Cost - As Submitted	Ž.
				Value Added Tax - As Evaluated	J.2
2,619.91				Value Added Tax - As Submitted	J.1
ı				Contractor's Profit - As Evaluated	1.2
3,552.42				Contractor's Profit - As Submitted	1.1
			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
4,440.53			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H
r				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
44,405.27				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				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.	ij	i
8,000.00	400.00	20.00	pc.	a. Standard Stake Plan (800 mm x 910 mm)	<u> </u>
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
33,380.27				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	E.1
***************************************	, and the second			Output per Hour - As Evaluated	D.2
0,04				Output per Hour - As Submitted	D.1
				Total (A.2+B.2) - As Evaluated	C ₂
1,335,21				Total (A,1+B,1) - As Submitted	
				Sub-Total for B-2 As Evaluated	ŗ
				Equipment	B J
212.29				Sub-Total for B-1 As Submitted	
112.29				Minor Tools 10% of Labor	
100.00	100.00	1	1	 a. Total Station w/ Complete Accessories 	B.1
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
				rapai	A.2
*/**:4:00				CONTROL DE LA CASCAMENTA	T
177 97				Sub-Total for A-1 As Submitted	
374.59	62.43	ω	2	b. Skilled Laborer	
312,49	104,16	3	1	a. Geodetic Engineer	
				For Office Works	
144.38	48.13	1	3)
187.29	62,43	1	3		>
104.16	104.16	p- å	1	a, Geodetic Engineer	
				For Field Works	
				labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Checked/Reviewed

Construction of By-Pass and Diversion Re Zamboanga City Diversion Road, Cabaluay - Zambowood - Mamy ection (Road Widening), 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

a. Foreman b. Skilled Laborer c. Unskilled Laborer c. Unskilled Laborer c. Unskilled Laborer 2 Sub-Total for A-1 As Submitted Labor Name and Capacity No. of Units Equipment Sub-Total for B-1 As Submitted Equipment Sub-Total for B-2 As Evaluated Output per Hour - As Submitted Total (A,2+B,2) - As Evaluated Output per Hour - As Submitted Total (A,2+B,2) - As Submitted Output per Hour - As Submitted Value Added Tax - As Submitted Value Added Tax - As Submitted		Designation	No. of Person/s	No. of Hour/s	mouny Kate
D. Skilled Laborer	>	a, Foreman	1	16	1
c. Unskilled Laborer 2 Sub-Total for A-1 As Submitted Labor Sub-Total for A-2 As Evaluated Name and Capacity No. of Units Equipment Sub-Total for B-1 As Submitted Equipment Sub-Total for B-1 As Submitted Equipment Sub-Total for B-1 As Submitted Cortput for Hour - As Evaluated Output per Hour - As Evaluated Output per Hour - As Evaluated Output per Hour - As Submitted Output Deal for F-1 As Submitted Output Cost (E.1+F.1) - As Submitted Output per Hour - As	?		1	16	\dashv
Sub-Total for A-1 As Submitted Labor Sub-Total for A-2 As Evaluated Name and Capacity No. of Units Equipment Sub-Total for B-1 As Submitted Equipment Sub-Total for B-2 As Evaluated Total (A.1+B.1) - As Submitted Total (A.1+B.1) - As Submitted Unit per Hour - As Submitted Output per Hour - As Submitted Ordinary Plywood 1/2" thk. x 4' x 8' pc. a. Ordinary Plywood 1/2" thk. x 4' x 8' pc. b. Tarpaulin (4' x 8') As Submitted Overhead, Contingencies & Miscellaneous (OCM) - As Submitted Overhead, Contingencies & Miscellaneous (OCM) - As Submitted Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated Contractor's Profit - As Submitted Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated Contractor's Profit - As Submitted Total Unit Cost - As Submitted Value Added Tax - As Submitted Total Unit Cost - As Submitted			2	16	₩
Sub-Total for A-2 As Evaluated Name and Capacity No. of Units Equipment Sub-Total for B-1 As Submitted Equipment Sub-Total for B-2 As Evaluated Output per Hour - As Submitted Output per Hour - As Submitted Direct Unit Cost (C.1 + D.1) - As Submitted Direct Unit Cost (C.2 + D.2) - As Evaluated Direct Unit Cost (C.2 + D.2) - As Evaluated Direct Unit Cost (C.2 + D.2) - As Evaluated Direct Unit Cost (E.1 + F.1) - As Submitted Direct Unit Cost (E.2 + D.2) - As Evaluated Direct Unit Cost (E.2 + F.2) - As Evaluated Direct Unit Cost (E.1 + F.1) - As Submitted Direct Unit Cost (E.1 + F.1) - As Submitted Direct Unit Cost (E.1 + F.1) - As Submitted 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 Submitted Contractor's Profit - As Submitted Contractor's Profit - As Submitted Value Added Tax - As Submitted Value Added Tax - As Submitted Value Added Tax - As Submitted		Sub-Total for A-1 As Submitted			L
Sub-Total for A-2 As Evaluated Equipment Sub-Total for B-1 As Submitted Equipment Sub-Total for B-2 As Evaluated Total (A.1+B.1) - As Submitted Total (A.2+B.2) - As Evaluated Output per Hour - As Submitted Output per Hour - As Submitted Output per Hour - As Evaluated Oirect Unit Cost (C.1 + D.1) - As Submitted Direct Unit Cost (C.2 + D.2) - As Evaluated Oirect Unit Cost (C.2 + D.2) - As Evaluated Direct Unit Cost (E.1+F.1) - As Submitted Direct Unit Cost (E.1+F.1) - As Submitted 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	,	Labor			1 1
Equipment Sub-Total for B-1 As Submitted Equipment Sub-Total for B-2 As Evaluated Total (A,1+B,1) - As Submitted Total (A,2+B,2) - As Evaluated Output per Hour - As Submitted Output per Hour - As Submitted Direct Unit Cost (C.1 + D.1) - As Submitted Direct Unit Cost (C.2 + D.2) - As Evaluated Direct Unit Cost (C.2 + D.2) - As Evaluated Direct Unit Cost (C.2 + D.2) - As Evaluated Direct Unit Cost (C.3 + D.2) - As Evaluated Direct Unit Cost (C.2 + D.2) - As Evaluated Direct Unit Cost (E.1 + F.1) - As Submitted Direct Unit Cost (E.1 + F.1) - As Submitted Equipment Sub-Total for F-2 As Evaluated Direct Unit Cost (E.1 + F.1) - As Submitted Direct Unit Cost (E.1 + F.1) - As Submitted Overhead, Contingencies & Miscellaneous (OCM) - As Submitted Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated Outper As Submitted Value Added Tax - As Submitted Total Unit Cost - As Submitted Total Unit Cost - As Submitted	ì	Sub-Total for A-2 As Evaluated			
Sub-Total for B-1 As Submitted Equipment Sub-Total for B-2 As Evaluated Total (A.1+B.1) - As Submitted Total (A.2+B.2) - As Evaluated Output per Hour - As Submitted Output per Hour - As Submitted Output per Hour - As Evaluated Direct Unit Cost (C.1 ÷ D.1) - As Submitted Direct Unit Cost (C.2 ÷ D.2) - As Evaluated Direct Unit Cost (C.2 ÷ D.2) - As Evaluated Direct Unit Cost (C.2 ÷ D.2) - As Evaluated Direct Unit Cost (C.2 ÷ D.2) - As Evaluated Direct Unit Cost (E.2 ÷ D.2) - As Evaluated Direct Unit Cost (E.2 ÷ D.2) - As Evaluated Direct Unit Cost (E.2 ÷ D.2) - As Evaluated Direct Unit Cost (E.3 + F.1) - As Submitted Direct Unit Cost (E.3 + F.1) - As Submitted Direct Unit Cost (E.3 + F.1) - As Submitted Overhead, Contingencies & Miscellaneous (OCM) - As Submitted Overhead, Contingencies & Miscellaneous (OCM) - As Submitted Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated Contractor's Profit - As Submitted Value Added Tax - As Submitted Value Added Tax - As Submitted Total Unit Cost - As Submitted Value Added Tax - As Submitted		Name and Capacity	No. of Units	No. of Hour/s	٠.
Submitted Signature Signa	Ē	Equipment			
s Submitted s Evaluated cification v.4' x.8' pc. pc. pc. pd.ft. kg. Submitted Evaluated valuated valuated cellaneous (OCM) - As Submitted cellaneous (OCM) - As Evaluated delaneous (OCM) - As Evaluated		Sub-Total for B-1 As Submitted			
Submitted Evaluated Cification Cificati	π	Equipment			
s Submitted s Evaluated cification x 4' x 8' pc. pc. pc. bd.ft. kg. Submitted Evaluated ellaneous (OCM) - As Submitted ellaneous (OCM) - As Evaluated dd dd	i	Sub-Total for B-2 As Evaluated			
s Submitted s Evaluated cification x4'x8' pc. pc. bd.ft. kg. submitted Evaluated valuated ellaneous (OCM) - As Submitted ellaneous (OCM) - As Evaluated dd dd	<u>C</u>	Total (A.1+B.1) - As Submitted			
s Submitted s Evaluated clification x 4' x 8' pc. pc. pc. bd.ft. kg. Submitted Evaluated evaluated evaluated cellaneous (OCM) - As Submitted cellaneous (OCM) - As Evaluated dd dd	λí	Total (A.2+B.2) - As Evaluated			
s Submitted s Evaluated cification x 4' x 8' pc. pc. pc. bd.ft. kg. kg. Submitted Evaluated evaluated evaluated evaluated evaluated evaluated evaluated evaluated evaluated dd dd	D.1	Output per Hour - As Submitted			١.
s Evaluated Cification Linit Cification Linit Pc. pc. bd.ft. kg. Evaluated Colomited Evaluated Evaluated Ad d d	D.2	Output per Hour - As Evaluated			
cification x 4! x 8' pc. pc. bd.ft. kg. Submitted Evaluated ellaneous (OCM) - As Submitted cellaneous (OCM) - As Evaluated dd dd	E.2	Direct Unit Cost (C.2 + D.2) - As Evaluated			
x 4' x 8' pc. pc. bd.ft. kg. kg. Evaluated Evaluated Ellaneous (OCM) - As Submitted cellaneous (OCM) - As Evaluated d d d		Name and Specification	Unit	Quantity	-
x 4' x 8' pc. pc. bd.ft. kg. kg. Submitted Evaluated ellaneous (OCM) - As Submitted cellaneous (OCM) - As Evaluated d d d		Materials			l
bd.ft. kg. kg. Submitted Evaluated		a. Ordinary Plywood 1/2" thk. x 4' x 8'	pc.	4,00	
Submitted Evaluated	Τ	1	pc.	4,00	
Submitted Evaluated			bd.ft.	200.00	1
Sub-Total for F-1 As Submitted Equipment 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 Contractor's Profit - As Submitted Contractor's Profit - As Submitted Value Added Tax - As Evaluated Value Added Tax - As Submitted Total Unit Cost - As Submitted		1 1	ĸy,	4,00	- 1
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.2) - As Evaluated Overhead, Contingencies & Miscellaneous (OCM) - As Submitted Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated Contractor's Profit - As Submitted Contractor's Profit - As Evaluated Value Added Tax - As Evaluated Value Added Tax - As Evaluated Value Added Tax - As Submitted	-	Sub-Total for F-1 As Submitted Equipment			
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 Submitted Contractor's Profit - As Submitted Contractor's Profit - As Evaluated Value Added Tax - As Submitted Value Added Tax - As Submitted Total Unit Cost - As Submitted	F.2	C.b Total for E. J. An E. St.			
Direct Unit Cost (E.2+F.2) - As Evaluated Overhead, Contingencies & Miscellaneous (OCM) - As Submitted Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated Overhead, Contractor's Profit - As Submitted Contractor's Profit - As Evaluated Contractor's Profit - As Evaluated Value Added Tax - As Submitted Value Added Tax - As Submitted Value Added Tax - As Submitted	G.1	Direct Unit Cost (E.1+F.1) - As Submitted		-	
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated Contractor's Profit - As Submitted Contractor's Profit - As Evaluated Value Added Tax - As Submitted Value Added Tax - As Submitted Value Added Tax - As Submitted Value Cost - As Submitted	G.2	Direct Unit Cost (E.2+F.2) - As Evaluated			
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated Contractor's Profit - As Submitted Contractor's Profit - As Evaluated Contractor's Profit - As Evaluated Value Added Tax - As Submitted Value Added Tax - As Submitted Total Unit Cost - As Submitted	티	Overhead, Contingencies & Miscellaneous (OCM) - As Subr	bmitted		
Contractor's Profit - As Submitted Contractor's Profit - As Evaluated Value Added Tax - As Submitted Value Added Tax - As Evaluated Value Added Tax - As Evaluated Total Unit Cost - As Submitted	H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evalu	aluated		
Contractor's Profit - As Evaluated Value Added Tax - As Submitted Value Added Tax - As Evaluated Total Unit Cost - As Submitted	1.1	Contractor's Profit - As Submitted			
Value Added Tax - As Submitted Value Added Tax - As Evaluated Total Unit Cost - As Submitted	7.1	Contractor's Profit - As Evaluated			
Value Added Tax - As Evaluated Total Unit Cost - As Submitted		Value Added Tax - As Submitted			
local unit cost - As submitted		Value Added Tax - As Evaluated			1
Tatal Init Cont An Originated	S	Total Unit Cost - As Submitted			

ELWICK P. ACUÑA Engineer II

Checked/Reviewed

Construction of By-Pass and Diversion Ro Zamboanga City Diversion Road, Cabaluay - Zambowood - Mamp ection (Road Widening), Zamboanga City
Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

: 8,9
Mobilization & Demobilization
: 1.00 L.S.

..

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

				- Series Court of the Court of	13.5
677,705.74				Total Unit Cost - As Submitted	S
				Value Added Tax - As Evaluated	Э.2
32,271.70				Value Added Tax - As Submitted	J.1
				Contractor's Profit - As Evaluated	I.2
43,758.24				Contractor's Profit - As Submitted	1.1
*			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Н.2
54,697.80			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
-				Direct Unit Cost (E,2+F,2) - As Evaluated	G.2
546,978.00				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
3				Sub-Total for F-1 As Submitted	
				Materials	Ţī ⊨÷
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
546,978.00				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
ı				Total (A.2+B,2) - As Evaluated	C.2
546,978.00				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					В.2
				Equipment	
546,978.00				Sub-Total for B-1 As Submitted	
					······································
20/20 1100	1/200100	ē	,		
83.184.00	1.733.00	48	1.	- 1	;
68 160 00	1,420,00	42	4 =	d Dimo Trick	
73 776 nn	5 527 00	48	2 1	R	
117 600 00	7,233.30	48	+	h Water Trick	
704 779 70	4 777 70	40	1		
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	A. K
				Labor	,
				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

Item No./Description

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 102(1)
Unsuitable Excavation
1,027.00 cu.m.
20.00

27/.03				Total Unit Cost - As Evaluated	25
co cor				Value Added Tax - As Evaluated	<u> </u>
14.17				Value Added Tax - As Submitted	<u>L</u>
				Contractor's Profit - As Evaluated	1.2
19.22				Contractor's Profit - As Submitted	1.1
			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Н.2
24,02			omitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
_				Direct Unit Cost (E.2+F.2) - As Evaluated	
240.21				Direct Unit Cost (E,1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
				Materials	F.2
				Sub-Total for F-1 As Submitted	
				Materials	F:
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
240.21				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	_1
				Output per Hour - As Evaluated	
00 UC				Output per Hour - As Submitted	7
4,804.28				Total (A.1+B.1) - As Submitted	
				Sub-Total for B-2 As Evaluated	
				- 19 - 19 - 19 - 19 - 19 - 19 - 19 - 19	8.2
				hadra pri i va i i	
				Farinment	
4 573 39				Sub-Total for R-1 As Submitted	
23.09				Minor Tools 10% of Labor	
173.30	1,733.00	0.1	1		·
1,537.00	1,537.00	1	1.1	b. Backhoe (0.80 cu.m.)	8.1
2,840.00	1,420.00	1	2	Equipment a. Dump Truck (12 cu.yd.)	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
230,89				Sub-Total for A-1 As Submitted	
	(1.10	•			
86.51 144 38	86,51 48,13	-	<i>ω</i> μ	a, Foreman h linskilled Lahorer	A.1
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No, of Person/s	Designation	

Prepared by: ELWICK P. ACUÑA Engineer II

Checked/Reviewed

FORM-POW-2015-01D-00

Item No./Description

: 102(2)
Surplus Common Excavation
: 5,817.00 cu.m.
: 60.00

..

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

1//.31				Total Unit Cost - As Evaluated	ζ. ₂
477 24				Value Added Tax - As Evaluated	J.2
8,44				Value Added Tax - As Submitted	┸_
**************************************				Contractor's Profit - As Evaluated	<u> </u>
11.45				Contractor's Profit - As Submitted	L
			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
14,31			ymitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
				Direct Unit Cost (E,2+F.2) - As Evaluated	
143.10				Direct Unit Cost (E,1+F,1) - As Submitted	<u> </u>
				Sub-Total for F-2 As Evaluated	ــــــ
				FYOIC I GIJ	F.2
				Sub-lotal for F-1 As Submitted	
Allouin (Fib.)	טווונ כטצר	Anarrack	CILL	Materials	TI
(7)	2	>	-	Direct Clife Cost (cit : Cit) to Evaluated	
173,10				Direct Unit Cost (C.1 ÷ D.1) - As Evaluated	ין ה
0. CV.				Output per Hour - As Evaluated	
60,00				Output per Hour - As Submitted	
				Total (A.2+B.2) - As Evaluated	
8,586.29				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					В.2
0,403,33				Equipment	
ca cur o				Out Total for D.1 A. C. Profitor	
18,28				Minor Tools 10% of Labor	
2,840.00	1,420.00	1	2	c. Dump Truck (12 cu.yd.)	
433,25	1,733.00	0.25	1	ņ	1.0
1,733.00	1,733.00	1	1	b,	,
3,379.00	3,379,00	ь	L	a. Bulldozer, D6H SERIES II PSDS/DD	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
***************************************				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
182,76				Sub-Total for A-1 As Submitted	
96,26	48.13	1	2	b. Unskilled Laborer	
86.51	86,51	1	۳	ы	>
				Labor	·
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
	The second secon				

Prepared by:

Checked/Reviewed

Construction of By-Pass and Diversion Re Zamboanga City Diversion Road, Cabaluay - Zambowood - Mamy ection (Road Widening), Zamboanga City
Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

Occupation Safety & Health
5.93 month

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

				Total Unit Cost - As Evaluated	₹
234,124.25				Total Unit Cost - As Submitted	<u></u>
				Value Added Tax - As Evaluated	J.2
11,148.77				Value Added Tax - As Submitted	3.1
				Contractor's Profit - As Evaluated	2
16,516.70				Contractor's Profit - As Submitted	1.1
			luated	1	H.2
			mitted		岸
				<u>L</u> .	G.2
206,458.77				L	133
				Sub-Total for F-2 As Evaluated	
				chalpingin	F.2
26,760.00				Sub-Total for F-1 As Submitted	
17,700,00	900.00	47,00	7	d, Jaicty Tata	
14 400.00	00.001	24,00	2 20		
360.00	15.00	24.00	pair		7
9,600.00	400.00	24.00	pair	بو	3
The state of the s				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
179,698.77				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	E.1
				Output per Hour - As Evaluated	
,				Output per Hour - As Submitted	
t				Total (A.2+B.2) - As Evaluated	C.2
179,698.77				Total (A.1+B.1) - As Submitted	2.1
				Sub-Total for B-2 As Evaluated	
					B 2
				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	
					Α,2
				Labor	
119,698,77				Sub-Total for A-1 As Submitted	
88,902,10	62,43	1424.00	1	b. First Aider	
30,796.67	86,51	356,00	1	ច	Α1
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

n of By-Pass and Diversion Roads - Z Nanga City Diversion Road, Cabaluay - Zambowood - pang Section (Road Widening), Zam Zamboanga City

FORM-POW-2015-010-00

Item No./Description

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 103(3)
Foundation Fill
7.00 cu.m.
1.25

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

				Total Unit Cost - As Evaluated	
2,768.52				Total Unit Cost - As Submitted	!
2				Value Added Tax - As Evaluated	
131,83				Value Added Tax - As Submitted	
_				Contractor's Profit - As Evaluated	1.2
178.76				Contractor's Profit - As Submitted	1.1
ŧ			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Н.2
223.45			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H,L
				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
2,234.48				Direct Unit Cost (E.1+F.1) - As Submitted	G.I
				Sub-Total for F-2 As Evaluated	
				Pidterials	F.2
1,870.95				Sub-Total for F-1 As Submitted	
1,870.95	1,626.91	1.15	cu.m.	a. Filling Materials (Well Graded Sand)	7
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
363.54				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	
		***************************************		Output per Hour - As Evaluated	
1.25				Output per Hour - As Submitted	
- 77.7CF				Total (A.2+B.2) - As Evaluated	C)
AFA A				Total (A 11-B 1) - As Submitted	וֹר
					8.2
				Edulation	
				Enrinment	
175.40				Sub-Total for B-1 As Submitted	
27.90				Minor Tools 10% of Labor	
24.50	2,450.00	0.01	ļ.	IS S	;
123.00	123,00	ı	1	a. Plate Compactor (5 hp)	B.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	
279.02				Sub-Total for A-1 As Submitted	
192.51	48,13	μ±	4	- 1	A.1
86.51	86,51	ш	ь	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

n of By-Pass and Diversion Roads - Z vanga City Diversion Road, Cabaluay - Zambowood - pang Section (Road Widening), Zam Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

: 103(6)a

Pipe Culverts and Drain Excavation
: 47.00 cu.m.
: 20.00

..

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

25			1	L	H.2			_1	G,1		F.2		10.	т Н		<u> </u>	E.1	ļ			<u> </u>		в.2			1-		 DE				A.2					A.1		
Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Comband Continuous of Manufactures (CCA) And Car	Direct Unit 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	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+8.2) - 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 Fools 10% of Labor	6	a. Dump Truck (12 cu.yd.)	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Laibui	Photo Control of the Automatical	Sub-Total for A-1 As Submitted	- 1	ŀ	a, Foreman	Designation
					luated	officed	in the second								Unit													2		No. of Units				, and the second			3	1	No. of Person/s
															Quantity												p	Ľ		No. of Hour/s						,	1	Ľ	No. of Hour/s
															Unit Cost												1,537.00	1,420.00		Hourly Rate							48.13	86.51	Hourly Rate
286,89	-	13,66		18.52	1	23.15	73.47		231.55				-		Amount (Php.)		231,55		20,00	L	4,630.98				4,400.09	23,09	1,537.00	2,840.00		Amount (Php.)				200,00	230 80	* 1104	144.38	86.51	Amount (Php.)

ELWICK P. ACUÑA Engineer II

Zamboanga City Diversion Road, Cabaluay - Zambowood - Mamp ection (Road Widening), Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

Embankment from Roadway Excavation 9,517.00 cu.m.

..

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

10.087				Total Unit Cost - As Evaluated	K.2
-				Value Added Tax - As Evaluated	
13,65				Value Added Tax - As Submitted	
*				Contractor's Profit - As Evaluated	
18.51				Contractor's Profit - As Submitted	<u> </u>
-			uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H,2
23.13			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
3				Direct Unit Cost (E.2+F.2) - As Evaluated	ш
231.32				Direct Unit Cost (E.1+F.1) - As Submitted	ତ.1
				O. D. Hattel 6 T. J. A. P L	T.2
				Equipment	1
				Sub-Total for F-1 As Submitted	
				Materials	, T
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	
231,32				Direct Unit Cost (C.1 + D.1) - As Submitted	
50,00				Output per Hour - As Evaluated	
50.00				Outruit per Hour - As Evaluated	<u>֚֓֞</u>
11,566.12				Total (A.1+B.1) - As Submitted	
				Sub-Total for B-2 As Evaluated	<u> </u>
					Ç
					T)
				Equipment	
11,231.66				Sub-Total for B-1 As Submitted	
612,50	2,450.00	0.25	1	c. water iruck/Pump (16000L)	
1,846.00	1,846.00	, mar	j-A	b. Vibratory Roller (10 mt), SD100C	
2,173,00	2,173.00	Í	ш	a. Motorized Road Grader (140 hp), G170A	
				Spreading and Compaction	
2,357.20	1,420.00	0.83	2		B.1
1,438.39	1,733.00	0.83	Ľ	b. Payloader (1.50 cu.m.)	
2.804.57	3,379.00	0.83	Į.	a. Bulldozer, D6H Series II PSDS/DD	
				Equipment	
Amount (Php.)	Houny Rate	No. of Hour/s	No. of Units	Name and Capacity	
		No of the de	No of Link	Alama and Conneils	
	***************************************			Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
334,46				Sub-Total for A-1 As Submitted	
14.44		,	•		
96.26	48.13	-	2	b. Unskilled Laborer	
				l mi	
79.89	48,13	0.83	2	b. Unskilled Laborer	A,1
71.80	86.51	0.83	1	a. Foreman	
				For Excavation Work	-
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

n of By-Pass and Diversion Roads - Z Nanga City Diversion Road, Cabaluay - Zambowood - pang Section (Road Widening), Zam Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 104(5) Boulder Fill 3,303.00 cu.m. 6.25

ELWICK P. ACUÑA Engineer II

Prepared by:

n of By-Pass and Diversion Roads - Z Nanga City Diversion Road, Cabaluay - Zambowood - pang Section (Road Widening), Zam Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

.. 105(1)a Subgrade Preparation 24,660.00 sq.m. 300.00

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

1 1	
- 1	
1	
1	
1 1	
1 1	
<u></u>	Unit Quantity Unit Cost
1 1	
- 1	
- {	
1	
,	
	1 0,25
	1
	<u> </u>
	No. of Units No. of Hour/s Hourly Rate
- 11	2
	No. of Person/s No. of Hour/s Hourly Rate

ELWICK P. ACUÑA

Prepared by:

n of By-Pass and Diversion Roads - Z

anga City Diversion Road, Cabaluay - Zambowood - pang Section (Road Widening), Zam Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

200(1) Aggregate Subbase Course 14,633.00 cu.m. 50.00

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

				Total Unit Cost - As Evaluated	ш
				Total Unit Cost - As Submitted	ᆚ
				Value Added Tax - As Fualuated	3
				Value Added Tax - As Submitted	ᆚ
				Contractor's Profit - As Evaluated	
			aludica	Contractor's Profit - As Submitted	1 7
			ollined ollined	Overhead, Contingencies & Miscellaneous (OcM) - As Swilling	_L_
			hallbod	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	F.2
				Sub-Total for F-1 As Submitted	
				(WIDT 15% Wastage Factor)	
Dec Colorent framework and the second	870.91	1.15	cu.m.	a. Aggregate Subbase Course	Ē
				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	
				Output per Hour - As Evaluated	<u>D</u> 2
				Output per Hour - As Submitted	ш.
				Total (A,2+B,2) - As Evaluated	1
				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					В.2
				Equipment	
				Sub-Total for B-1 As Submitted	
	2,450.00	0.25	1		
	1,846.00	p.a	μ.		Ç
	2,173.00	L	p.A.	Equipment a. Motorized Road Grader (140 hp), G710A	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	7
				Sub-Total for A-1 As Submitted	
	48.13	1	2	1 1)
	86.51	1	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

FORM-POW-2015-01D-00

Item No./Description

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 300(1)
Gravel Surface Course
1,748.00 cu.m.
50.00

-				lotal Unit Cost - As Evaluated	Χ.Δ
1,390.14				Total Unit Cost - As Submitted	<u>.</u>
				Value Added Tax - As Evaluated	3,2
66,20			West for destinated in selection is transformer destinated by	Value Added Tax - As Submitted	<u>).1</u>
1				Contractor's Profit - As Evaluated	1,2
89.76				Contractor's Profit - As Submitted	I.
			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	
112.20			omitted	Overhead, Contingencies & Miscellaneous (OCM) - As Su	
ı				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
1,121.98				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Equipment	
1,025.70				Sub-Total for F-1 As Submitted	
				(MAIN TO SERVICE CONTRACTOR OF THE SERVICE C	
1,020,70	15.150	1.13	0.11	(with 15% wastage factor)	7
4 000	10.00	7.5			3
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
96,29				Direct Unit Cost (C.1 + D.1) - As Submitted	E,1
				Output per Hour - As Evaluated	D.2
50.00				Output per Hour - As Submitted	D.1
-				Total (A.2+B.2) - As Evaluated	C.2
4,814,26				Total (A.1+B.1) - As Submitted	Ü
				Sub-Total for B-2 As Evaluated	
					?
					Э
				Equipment	
4,631.50				Sub-Total for B-1 As Submitted	
612.50	2,450.00	0.25	1	1 1	
1,846.00	1,846.00	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	1		Ď
2,173.00	2,173.00	ь	μ.	a. Motorized Road Grader (140 hp), G710A	,
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
182.76				Sub-Total for A-1 As Submitted	
96.26	48.13	p.s.	2	b. Unskilled Laborer	A.1
86 51	86 51		-	Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by: ELWICK P. ACUÑA Engineer II

Checked/Reviewed

Item No./Description

311(1)a
311(1)a
Portland Cement Concrete Pavement (0.15 m. thk.)
641.00 sq.m.
107.33

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

				Value Added I ax - As Evaluated Total Unit Cost - As Submitted Total Unit Cost - As Evaluated
				Value Added Tax - As Submitted
				Contractor's Profit - As Evaluated
				Contractor's Profit - As Submitted
			Juated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated
			mittad	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
112.50		0.0015	-	j. Grease/Tar
61.00		0.0078	m.	i. Pipe Sleeve, 2" dia.
2,500.00		0,00015	pc.	h. Concrete Saw (Diamond Blade 14" dia.)
1,415.91		1.43	cu.m.	- 1
1,626.91		0.0825	cu.m.	e, Sand
40,00		0,46	m,	1
100.00		0.12	_	1 1
35.00		0.29	-	- 1
38.00		0,33	Ş.	Materials a. Reinforcing Steel Bar
lost	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 Subilinted
				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
1		,	5	Mnor Tools 5% of Labor
32.03		01	- L	g. Concrete Saw (7.5 hp), 14" Blade dia.
2,450.00		1	1	f. Water Truck/Pump (16000 L)
545,00		1	Í	e. Concrete Screeder (5.5 hp)
1,733.00		1	1	· I
1,759.50		+	1	c. Concrete Batching Plant (30 cu.m.)
36 10		<u> </u>	ي د	a. Italisk Mixer (5 cu.Hr.)
318 00		•	4	Equipment
Rate	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
48.13		14	12	b. Unskilled Laborer
62.43		- 1	4	a. Dienidii
2		*	*	Labor
ate	Hourly Rate	No. of Hour/s	No. of Person/s	Designation
4				

ELWICK P. ACUÑA Engineer II

Prepared by:

Construction of By-Pass and Diversion Ro 'amboanga City Diversion Road, Cabaluay - Zambowood - Mampe ction (Road Widening), Zamboanga City

Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

311(1)e1
Portland Cement Concrete Pavement (0.28 m. thk.)
33,253.00 sq.m.
57,50

.

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

1				Total Unit Cost - As Evaluated	K.2
2,173.28				Total Unit Cost - As Submitted	<u>.</u>
*COTo				Value Added Tax - As Subilliceu	1.2
\$03.49				Contractor's Profit - As Evaluated	11.2
140.32				Contractor's Profit - As Submitted	I.i
			luated	1	Н.2
175.41			mitted	1 1	Ξ
•				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
1,754.06				- 1	വ
				Sub-Total for F-2 As Evaluated	i
				Materials	π J
1,528.74				Sub-Total for F-1 As Submitted	
				l. creasel. a	
0.88	112.50	0.0078		i Grace/Tar	
0,38	2,500.00	0.00015	S P.	h. Concrete Saw (Diamond Blade 14" dia.)	
805.98	303.00	2,66	bag	g. Cement	
396.73	1,416.91	0.28	cu.m.	h	•
250.54	1,626.91	0.154	cu.m.		71
27.60	00.09	0.45	3 ,	d Steel Forms (Bental)	
UU 21	30,00	0.29	_	ŀ	
19.00	38.00	0.50	kg.	a. Reinforcing Steel Bar	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 + D.2) - As Evaluated	E2
225,32				Direct Unit Cost (C.1 + D.1) - As Submitted	F 1
57.50					2 1
,					C,2
12,956.06				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
				Equipment	В.2
12,042,29				Sub-Total for B-1 As Submitted	
45.69					
21.98	219.75	0,1	⊢ • 1-	h. Bar Cutter, Single Phase	
27 63	2,450.00	<u>.</u>	÷ F-	F. Water Fruck/Pump (18000 L)	
3 450 00	545.00	a p	<u>.</u>	G	
1,733.00	1,733.00	. 🛨	ļ.	Ŀ	B.1
1,759.50	1,759.50	ř	Ľ		
182,50	91.25	1	2	- 1	
5,272.00	1,318,00	₽	4	a. Transit Mixer (5 cu.m.)	
Amount (Php.)	Hourly Rate	No, of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
				Labor	A 2
913,76				Sub-Total for A-1 As Submitted	
577,53	48.13	- → +	12	b. Unskilled Laborer	
249 73	67 43	* }-	4 -	מן ד	A.1
02.51	06.74	-	-		
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Checked/Reviewed

FORM-POW-2015-01D-00

Item No./Description

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 500(1)b3
Pipe Culverts
48.00 In.m.
1.00

5	<u> </u>	1 1.1	1.2	1,1	H.2	H	G.2	G.1		 F,2	1		T				E			E.2	E.1	D.2	D.1	S	2		B.2				! i	 20 				۰ ک			 	A.1			
Total Unit Cost - As Evaluated	Total Unit Cost - As Submitted	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 Sut	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			FIOCELOID	Makazila	C. h Total for D. 1 Ac Cultonitted	d. Sand Bedding/Selected Sandy Soil		b. Sand		Name and Specification	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	Direct Unit Cost (C.1 ÷ D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted	Minor Tools 10% of Labor	ğ	a. Backhoe (0.80 cu.m.)	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	c. Unskilled Laborer	b. Skilled Laborer	a. Foreman	labor	Designation
					iluated	mitted									cu.m.	×	cu.m.	bao	Unit												Ĺ	1		No. of Units					4	2	ĺ	ino or a grande	No. of Person/s
															0.13	1,00	0.06	1.08	Quantity												0,29	0.29		No. of Hour/s					0,57	0.57	0.57	isot of courts	No. of Hour/s
															1,626,91	1,665,00	1,626,91	303.00	Unit Cost												123.00	1,537.00		Hourly Rate					48.13	62,43	86.51	. Issue y compa	Hourly Rate
,	3 759 57	179.03	1	242,75	r	303.44	_	3,034.36					2,252,3	27.000.00	208,24	1,665.00	99,24	327.24	Amount (Php.)		734,63		1.00		734,63				504.42	23,02	35,67	445.73		Amount (Php.)				230.21	109,73	71.17	49.31	Automic (Libr)	Amount (Php.)

Prepared by: ELWICK P. ACUÑA Engineer II

Construction of By-Pass and Diversion Ro Zamboanga City Diversion Road, Cabaluay - Zambowood - Mampe ction (Road Widening), Zamboanga City

Zamboanga City

FORM-POW-2015-01D-00

Item No./Description --

505(2)a Grouted Riprap, Class "A" 22.00 cu.m. 1.25

..

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

<u> </u>			1.2			_	G 2 E	-	ام	т-	F.2	 	2	<u> </u>	12	T		<u>;</u>				₹		E,2 C		_) 1 1		Ş	3	m	NI NI	13		<u>n</u>	m i		آي	 ,	, ,	lg:	SI	1-	$\overline{}$	<u>}</u>	<u></u>	
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	Ochhead, Contingencies & Miscellaneous (OCM) - As Su	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Linit Cost (F. 1 + F.1) - As Submitted	Sub-Total for F-2 As Evaluated				Materials	Sub-Total for E-1 As Submitted	Miscellaneous 1% of Material Cost		e, Filter Cloth				a. Cement	Antorials	Name and Specification	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	Pirect Unit Cost (C.1 + D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	otal (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	Water Truck	One Bagger Mixer	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated			Labor	Sub-Total for A-1 As Submitted	C. CHISKING LADVICE			Labor	Designation
					aluated	bmitted										cu.m.	sq.m,	m.	cu.m,	cu.m.	bag		Unit				A ARIESTA PERSONALA PROPERTURA PERSONALA PERSO								1	1		No, of Units						c	2	, ,		No. of Person/s
																1.05	0.015	0,30	0,15	0.25	3,00		Quantity												0.05	1		No. of Hour/s						+	4	·		No. of Hour/s
																1,256.91	160,00	536,00	1,416.91	1,626,91	303.00		Unit Cost												2,450.00	172,00		Hourly Rate						CT.OT.	62.43	86.51		Hourly Rate
4,710.37		224.30	7	304,14	Į	380,18	0,000.00	3.801.75						3,041,33	30.11	1,319.76	2,40	160,80	212.54	406,73	909,00		Amount (Php.)		760.42		1.25	950.53					354,14	40.¢¢	122,50	172.00		Amount (Php.)					596.39	20.00	124,86 28¢ 02	86.51		Amount (Php.)

Prepared by: ELWICK P. ACUÑA Engineer II

n of By-Pass and Diversion Roads - Za anga City Diversion Road, Cabaluay - Zambowood - pang Section (Road Widening), Zam Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

506(1) Stone Masonry 60.00 cu.m. 1.60

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

<u>Σ</u> Σ	3.2	11	5		H.J	II (3 4	2		 F.2						;	हा च				E.2	E 1	0.2	2 5	Ci		 В.2					8.1				A.2			 	A.1		
Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evi	Overhead, Contingencies & Miscellaneous (OCM) - As Su	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Init Cost (F 14F 1) - As Submitted	Sub-Total for F-2 As Evaluated		Materials	Sub-Total for F-1 As Submitted	historial cours 170 of Plate I al Cost		e. Filter Cloth	d. Weep Holes (PVC)	c. Gravel		a. Cement	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	Onbuit per Hour - As Submitted	Total (A.1+8.1) - As Submitted	Sub-Total for B-2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted	Minor Tools 10% of Labor	c. Backhoe (Wheel Type, 0.28 cu.m.)	- [a. One Banger Mixer	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	 - 1	h. Skilled (aborer	- 10	Designation
					aluated	bmitted				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				cu,m,	sq.m.	m.	cu.m.	cu.m.	bag	Unit											1	<u>_</u>	Ľ	No. of Units					8	2		No. of Person/s
														7,05	0.015	0.30	0.20	0.30	5.50	Quantity											0,1	0.05	Ď	No. of Hour/s					ja d	1 2 ,	-	No, of Hour/s
														1,5005/1	100.00	536.00	1,416.91	1,626.91	303.00	Unit Cost											922.00	2,450.00	172.00	Hourly Rate					48.13	62,43	86.51	Hourly Rate
5,714.05	1	272.10	_	368.95	3	461.18	7000	4.611.83				3,960.12		39.71	2,40	160.80	283,38	488.07	1,666.50	Amount (Php.)		651.71	2	1.60	1,042.73				446.34	59,64	92,20	122.50	172.00	Amount (Php.)				596,39	385,02	124.86	86.51	Amount (Php.)

Prepared by:

ELWICK P. ACUÑA

Engineer II

ction (Road Widening), Zamboanga City

Item No./Description

612(1)
Reflectorized Thermoplastic Pavement Markings (White)
1,098.00 sq.m.
25.00

..

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

7	ISIDRA A. ESTANISLAO			FI WICK B. ACHÑA	
	0 } 	Checked/Reviewed	Chec	Prepared by:	
1					S
918,84				Total I Init Cost - As Submitted	. Z
43.75				Ш	1.1
				Contractor's Profit - As Evaluated	1.2
59.33			aluated	┸	1 1.7
74.16			bmitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	E
-					62
741.60				Sub-Total for F-2 As Evaluated	2
				2	۲,2
677.02				Sub-Total for F-1 As Submitted	T
				אואכיום ובטעא ביאס טו מומניהותו בעאר	
32.24	100.00	0.13	kg	"	
1.66	828.00	0.00	cyl.	e. LPG (12 kg.)	
13.80	3,450.00	0,00	cyl.	٦	,TI
19.20	160.00	0.12		ن د	l ·
515.13 82.50	2,585,00	0.33	bag	a. Thermoplastic Paint (White)	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	€.2
64,58				Direct Unit Cost (C.1 + D.1) - As Submitted	E 1
25.00				Output per Hour - As Submitted	7 0.1
L.				Total (A.2+B.2) - As Evaluated	C.2
1,614.40				Total (A.1+B.1) - As Submitted	C,I
				Sub-Total for R-2 As Evaluated	
					Ģ N
					 د
				Equipment	
1,114.26				Sub-Total for B-1 As Submitted	
10.00				Minor Tools 10% of Labor	
187.50	187.50	1		Kneading Ma	
93,75	93,75	1			B.1
783.00	783,00	1	L	Equipment 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
500.14				Sub-Total for A-1 As Submitted	
288.77	48.13	₽ ₽	9	D. Skilled Laborer C. Unskilled Laborer	·
86,51	86,51	4	3 1	رق	<u>A.</u>
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

FORM-POW-2015-01D-00

Item No./Description

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

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

				Lowi Cilit Coot - 19 Evaluated	7:1
- 00:210'T				Total Unit Cost - As Substituted	5 7
				Value Added Tax - As Evaluated	J.2
-1.5				Value Added Tax - As Subfitted	1
70 10				Contractor's Profit - As Evaluated	丄
65.35				Contractor's Profit - As Submitted	L
ı			aluated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
81.69			bmitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H
_				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
816.85				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	f, Calsumine	
1.66	828.00	0,00	çyi.		
13,80	3,450.00	0.00	çyi.	- 1	7.
21,00	175.00	0.12			1
82.50	2,500.00	0.03	bag	- 1	
585,00	1,800.00	0.33	bag	a. Thermoplastic Paint (Yellow)	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	
64.58				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	Ē
				Output per Hour - As Evaluated	J
25,00				Output per Hour - As Submitted	
ŧ				Total (A,2+B,2) - As Evaluated	
1,614,40				Total (A.1+B.1) - As Submitted	ũ
				Sub-Total for B-2 As Evaluated	
				Eddinary	B.2
				Forment	
1,114.26				Sub-Total for B-1 As Submitted	
50.01				Minor Tools 10% of Labor	
187.50	187.50	1	1	c. Kneading Machine	
93,75	93.75	<u> </u>	p.	b. Applicator Machine	B.1
783.00	783.00	1	1	a. Cargo Truck (2 - 5 mt.)	
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	1
					A.2
				Labor	
500.14				Sub-Total for A-1 As Submitted	
	10.10	ļ.		D. Cranica Lawrer	
788 77	48 13	* +	2 2		
127.00	TC:00	•	J	d, Distriction	Α.1
96.51	20 21	4	4	Labor	
Amount (Php.)	Hourly Rate	No, of Hour/s	No. of Person/s	Designation	

Construction of By-Pass and Diversion Road amboanga City Diversion Road, Cabaluay - Zambowood - Mampa ction (Road Widening), Zamboanga City
Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

715(1)
Geotextile
61.00 sq.m.
200.00

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

			I.2 Contr	I.1 Contr	H.2 Over	H.1 Overt	G.2 Direc		Sub-1	F, 2	 Materials	-dus	F.1 a. Filte	X.		E.2 Direct		┸		٠.,	Sub-1	B.2	Equipment	T-du2	B.1 Equip			A 7 Labor	Sub-7		ъ. s	p la		
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		rials	Sub-Total for F-1 As Submitted	Filter Cloth	Raine and specimation	Name and Specification	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	Output lost (C 1 ± D 1) - As Submitted	Output per Flour - As Subilitied	Jotal (A.Z+b.Z) - As tivaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		ment	Sub-Total for B-1 As Submitted	Equipment a. Cargo Truck/Delivery Truck (9 - 10 mt.)	Name and Capacity	Sub-Total for A-2 As Evaluated		Sub-Total for A-1 As Submitted	Unskilled Laborer	Skilled Laborer	Foreman		Designation
					luated	omitted							sq.m.	C	i njit										pat .	No, of Units				8	2	1	1000 01 010000	No. of Person/s
													1,05	Augury	Ouantity										;	No. of Hour/s				F	1	1	0.000	No. of Hour/s
													160.00	CORE CORE	i Init Cost										1,212,00	Hourly Rate				48.13	62,43	86,51	Total ()	Hourly Rate
219.35		10.45	3	14,16		17.70	4	177.04				168.00	168,00	Canonic (culp.)	Amount (Pho.)	770	9.04	20000	200 000	1,808.39				1,212.00	1,212.00	Amount (Php.)			596.39	385.02	124,86	86,51	(Adv.)	Amount (Php.)

ELWICK P. ACUÑA Engineer II

Checked/Reviewed

UNIT COST ANALYSIS FOR HAULING COST FOR PORTLAND CEMENT

TOTAL QUANTITY REQUIREMENTS FOR PORTLAND CEMENT

89,952.45	IOIAL
330.00	Stone Masonry
66.00	Grouted Riprap, Class "A"
51.84	Pipe Culverts
88,452.98	Portland Cement Concrete Pavement (0.28 m. thk.)
916.63	Portland Cement Concrete Pavement (0.15 m. thk.)
135.00	Construction of Field Office for the Engineer
(Bags)	DESCRIPTION
QUANTITY	

Quantity 89,952.45 Bags

Delivery Charge = P 0.120 /bag/km.

SITE	HAULING DISTANCE
Zamboanga City DEO	19 00
Batching plant	10,000

*Average hauling distance from Source to assumed Stockpiling area : 18.00 3

Delivery Charge = P 0.120 **2.16** / bag 18.00

*Delivery Truck

ō 500.00 bags, (capacity per haul)

89,952.45 bags., (hauling works) 20,000.00 kgs., (capacity per haul)

*Capacity of Laborers unloading bags of Cement from Delivery Truck:

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

*Dumptruck (10 Wheeler) days computation: TIME-MOTION ANALYSIS

Speed when loaded : 30.00 kph Speed when unloaded 8 8

Unloaded running Loaded running 18.00 30.00 18.00 45.00 40,00 mins. 66 27.00 mins. 36,00 mins.

Loading and Unloading allowance for delay/traffic Capacity of Dumptruck per day No. of trips for Dumptruck Total Cycle time 8.0 500.00 111.00 3.00 8.00 111.00 60.00 mins. bags mins. cu.m. 4.32 say

Ņ No. of days for Delivery Truck unloading No. of days for Labor, for Dumptruck daily output Using (3) Dumptrucks 11 complimentary to D. Truck days 89,952.45 6,486.49 13.87 Şά 11 13.87 13.87

days days $\Pi = \Pi$

ω 55

x 4.32 = x 2162.16 =

2,162.16 6,486,49

cum,

4.32

₹

4.32

MATERIALS: 89,952.45 Grand Total Unit Cost Estimated Quantity LABOR: DELIVERY COST: 89,952.45 - Bags, Portland Cement õ Foreman
 Laborers, unloading Bags, Portland Cement (Pick-Up Price) סססססס 27,235,978.91 194,297.29 55,946.62 89,952.45 Bags 302.78 / Bag, (A) (B) 611.92 /day 342.24 /day **@** şay (A) ₽ 300.00 2.16 ×× 303.00 / Bag / bag **Sub - Total** / bag Sub - Total Sub - Total 13.87 days = 13.87 days = 11 11 70 T 26,985,735.00 **26,985,735.00** 194,297,29 194,297.29 8,485.90 47,460.71 **55,946.62**

Materials Delivery Cost

26,985,735.00

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 cu.m. Flat to Rolling

Hauling Distance 5.00 Ŕij.

Effective Working Hours 8.00 hrs.

Hauling: Using 10.00 cu.m.capacity Dumptruck

Unit weight of Coarse Aggregates Unit weight of Fine Aggregates Weight of Dumptruck (cap. 10.00 cu.m.) 1,640.00 16,000.00 1,534.00 kg/m3 kg/m3 kgs.

Maximum Volume to be Carried per DT 11.57 cu.m.

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

Loaded running Speed when unloaded 5.00 40.00 × 핡 8 10.00

Unloaded running 5.00 30.00 40.00 8 n 7.50 mins. mins.

Loading and Unloading allowance for delay/traffic mins. mins.

Total Cycle time Capacity of Dumptruck 5.00 3.00 10.00 25.50 mins. cu.m.

per day Dumptruck daily output Using (5) Dumptrucks No. of trips for Dumptruck II II 5 ထ x 18.82 x 188.24 x 6 18.82 60.00 11 188.24 18.82 cu.m. say 18.82 tips

No. of days for Dumptrucks 1,000.00 Ш 941.18 cu.m. 1.06 say 1.06

941.18

days

EQUIPMENT USED: (2009 ACEL RATES)

S Unit Dumptruck (Q) P 11,360.00 /day × Sub - Total 1.06 days ш ъ v 60,350.00 60,350.00

Estimated Quantity Equipment Grand Total **Unit Cost ס**סססס 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

Cost of Embankment, Common Borrow: Cost of Boulders: Cost of Item 300 Materials: Cost of Item 201 Materials: Cost of Item 200 Materials: Cost of Coarse Aggregates: Cost of Fine Aggregates: Hauling Distance 13.00 13.00 13.00 13.00 13.00 13.00 5,00 × × × × × × Unit Cost per cu.m./km. 12.07 12.07 12.07 12.07 12.07 12.07 12.07 11 п 13 13 IJ П Ιŧ Hauling Cost per cu.m. 156.91 156.91 156.91 156.91 156.91 156.91 60.35 + **Unit Pirce** 1,260.00 1,470.00 1,100.00 328.00 714.00 735.00 680.00 ŧ 11 11 П П 11 11 Unit Cost per 1,416.91 1,256.91 1,626.91 cu.m. 388.35 891.91 836.91 870.91