



Road Widening - Primary Roads - Pagadian - Zamboanga City Road, Zamboanga City
Zamboanga City

FORM POW-2015-01A-00

ITEMIZED BREAKDOWN

ITEM NO.	DESCRIPTION	QUANTITY		UNIT	DIRECT COST				TOTAL UNIT COST		% DIRECT COST
		AS SUBMITTED	AS EVALUATED		TOTAL		UNIT COST		TOTAL		
					AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	
PART A	Facilities for the Engineers										
A.1.1(3)	Construction of Field Office for the Engineer	1.00		L.S.	409,807.74		414,819.02		513,960.77		0.41%
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.	290,756.67		290,756.67		329,718.06		0.29%
A.1.2(5)	Operation and Maintenance of 4 x 4 Pick-Up Type Service Vehicle for the Engineer	7.17		month	247,454.55		34,528.54		36,254.97		0.25%
	TOTAL OF PART A				948,018.96						0.96%
PART B	Other General Requirements										
B.4(1)	Construction Survey & Staking	3.73		km.	161,163.84		43,214.07		53,542.23		0.16%
B.5	Project Billboard/Signboard	2.00		each	11,007.96		5,503.98		6,819.43		0.01%
B.7	Occupation Safety & Health	7.17		month	257,185.13		35,886.30		40,695.06		0.26%
B.9	Mobilization & Demobilization	1.00		L.S.	751,735.00		751,735.00		789,321.75		0.76%
	TOTAL OF PART B				1,181,091.93						1.20%
PART C	Earthworks										
101(2)	Removal of Structure/Obstructions	4.00	each		2,161.16		540.29		669.42		0.00%
101(3)b2	Removal of Structure/Obstructions	38.00	cu.m.		3,884.82		102.23		126.67		0.00%
101(4)a1	Removal of Structure/Obstructions	26.50	ln.m.		9,792.69		369.54		457.85		0.01%
101(8)	Removal of Existing Guardrails	1,320.50	ln.m.		51,318.84		38.86		48.15		0.05%
101(9)	Removal of Existing Guardrail Posts	339.00	each		32,936.55		97.16		120.38		0.03%
102(1)	Unsuitable Excavation	3,952.00	cu.m.		946,180.33		239.42		296.64		0.96%
103(1)a	Structure Excavation	574.50	cu.m.		132,567.66		230.75		285.90		0.13%
103(3)	Foundation Fill	24.00	cu.m.		50,994.07		2,124.75		2,632.57		0.05%
103(6)a	Pipe Culverts and Drain Excavation	234.50	cu.m.		54,111.60		230.75		285.90		0.05%
104(1)a	Embankment from Roadway Excavation	17,475.00	cu.m.		4,035,002.90		230.90		286.09		4.09%
104(2)a	Embankment from Borrow	11,256.00	cu.m.		6,545,282.68		581.49		720.47		6.63%
104(5)	Boulder Fill	3,614.00	cu.m.		5,968,375.36		1,651.46		2,046.16		6.04%
105(1)a	Subgrade Preparation	30,684.50	cu.m.		491,234.68		16.01		19.84		0.50%
	TOTAL OF PART C				18,323,843.34						18.55%

ITEM NO.	DESCRIPTION	QUANTITY		UNIT	DIRECT COST				TOTAL UNIT COST		% DIRECT COST
		AS SUBMITTED	AS EVALUATED		TOTAL		UNIT COST		TOTAL		
					AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED
PART D	Subbase and Base Course										
200(1)	Aggregate Subbase Course	13,889.00	cu.m.		14,508,744.89		1,044.62		1,294.29		14.69%
	TOTAL OF PART D				14,508,744.89						14.69%
PART E	Surface Courses										
300(1)	Gravel Surface Course	1,426.50	cu.m.		1,519,680.80		1,065.32		1,319.93		1.54%
311(1)a	Portland Cement Concrete Pavement	2,658.00	sq.m.		2,489,840.15		936.73		1,160.61		2.52%
311(1)e1	Portland Cement Concrete Pavement	25,379.00	sq.m.		43,423,717.83		1,711.01		2,119.94		43.96%
	TOTAL OF PART E				47,433,238.78						48.02%
PART G	Drainage and Slope Protection Structures										
404(1)a	Reinforcing Steel	17,021.50	kg.		812,005.34		47.70		59.11		0.82%
405(1)a3	Structural Concrete, Class "A"	321.50	cu.m.		2,436,201.00		7,577.61		9,388.66		2.47%
500(1)a1	Pipe Culverts	18.00	ln.m.		37,601.59		2,088.98		2,588.24		0.04%
500(1)b3	Pipe Culverts	122.00	ln.m.		366,380.45		3,003.12		3,720.86		0.37%
500(1)b5	Pipe Culverts	14.00	ln.m.		87,695.45		6,263.96		7,761.05		0.09%
500(1)b6	Pipe Culverts	28.00	ln.m.		238,673.93		8,524.07		30,035.33		0.24%
502(3)a1	Catch Basin	6.00	each		145,449.54		24,241.59		10,561.32		0.15%
502(4)a1	Concrete Cover	6.00	each		41,383.76		6,897.29		8,545.75		0.04%
503(1)	Metal Frame & Grating	6.00	each		28,809.56		4,801.59		5,949.17		0.03%
505(2)a	Grouted Riprap, Class "A"	1,861.50	cu.m.		9,282,315.17		4,986.47		6,178.24		9.40%
506(1)	Stone Masonry	141.50	cu.m.		638,556.94		4,512.77		5,591.32		0.65%
	TOTAL OF PART G				14,115,072.73						14.29%
PART H	Miscellaneous Structure										
600(3)	Concrete Curb & Gutter	122.00	ln.m.		119,125.94		976.44		1,209.81		0.12%
601(1)	Sidewalk	244.00	ln.m.		152,525.88		625.11		774.51		0.15%
605(2)z2	Regulatory Signs (R5-4C)	2.00	each		19,868.69		9,934.34		12,308.65		0.02%
611(1)	Trees (Furnishing & Transplanting)	285.00	each		1,163,900.03		4,083.86		5,059.90		1.18%
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	1,091.00	sq.m.		807,591.72		740.23		917.15		0.82%
	TOTAL OF PART H				2,263,012.26						2.29%
	GRAND TOTAL				98,773,022.89						100.00%



Road Widening - Primary Roads Jadian - Zamboanga City Road, Zamboanga City
Zamboanga City

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	Cargo Truck	9 - 10 mt	1	44			
20	Boom Truck		1	45			
21				46			
22				47			
23				48			
24				49			
25				50			
	SUB-TOTAL		45		SUB-TOTAL		
TOTAL							45

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DPW REGIONAL OFFICE IX
Road Widening - Primary Roads - Pagadian - Zamboanga City Road, Zamboanga City
Zamboanga City

FORM POW-2015-01C-00

ITEMIZED BREAKDOWN												
ITEM NO.	DESCRIPTION		%	QTY	UNIT	DETAILED BREAKDOWN OF COMPONENT COST FOR EACH ITEM						
						DIRECT COST				TOTAL MARK-UP		5% VAT
						MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE	
PART A	Facilities for the Engineers											
A.1.1(3)	Construction of Field Office for the Engineer	AS EVALUATED										
		AS SUBMITTED	0.41%	1.00	L.S.	332,422.44	45,026.64	32,358.66	409,807.74	18.00%	73,765.39	24,178.66
A.1.1(11)	Provision of Provision of Furnitures/Fixtures, Equipment and Appliances for the Field Office for the Field Engineer	AS EVALUATED										
		AS SUBMITTED	0.29%	1.00	L.S.	290,756.67	-	-	290,756.67	8.00%	23,260.53	15,700.86
A.1.2(5)	Operation and Maintenance of 4 x 4 Pick-Up Type Service Vehicle for the Engineer	AS EVALUATED										
		AS SUBMITTED	0.25%	7.17	month	146,647.50	100,807.05	-	247,454.55	0.00%	-	12,372.73
	TOTAL OF PART A	AS EVALUATED										
		AS SUBMITTED	0.96%			769,826.61	145,833.69	32,358.66	948,018.96		97,025.93	52,252.24
PART B	Other General Requirements											
B.4(1)	Construction Survey & Staking	AS EVALUATED										
		AS SUBMITTED	0.16%	3.73	km.	41,116.97	100,657.55	19,389.33	161,163.84	18.00%	29,009.49	9,508.67
B.5	Project Billboard/Signboard	AS EVALUATED										
		AS SUBMITTED	0.01%	2.00	each	7,330.00	3,677.96	-	11,007.96	18.00%	1,981.43	649.47
B.7	Occupation Safety & Health	AS EVALUATED										
		AS SUBMITTED	0.26%	7.17	month	26,760.00	170,425.13	60,000.00	257,185.13	8.00%	20,574.81	13,888.00
B.9	Mobilization & Demobilization	AS EVALUATED										
		AS SUBMITTED	0.76%	1.00	L.S.	-	-	751,735.00	751,735.00	0.00%	-	37,586.75
	TOTAL OF PART B	AS EVALUATED										
		AS SUBMITTED	1.20%			75,206.97	274,760.63	831,124.33	1,181,091.93		51,565.73	61,632.88
PART C	Earthworks											
101(2)	Removal of Structure/Obstructions	AS EVALUATED										
		AS SUBMITTED	0.00%	4.00	each	-	327.28	1,833.88	2,161.16	18.00%	389.01	127.51
101(3)b2	Removal of Structure/Obstructions	AS EVALUATED										
		AS SUBMITTED	0.00%	38.00	cu.m.	-	216.08	3,668.73	3,884.82	18.00%	699.27	229.20
101(4)a1	Removal of Structure/Obstructions	AS EVALUATED										
		AS SUBMITTED	0.01%	26.50	ln.m.	-	756.41	9,036.28	9,792.69	18.00%	1,762.68	577.77
101(8)	Removal of Existing Guardrails	AS EVALUATED										
		AS SUBMITTED	0.05%	1,320.50	ln.m.	-	11,307.69	40,011.15	51,318.84	18.00%	9,237.39	3,027.81
101(9)	Removal of Existing Guardrail Posts	AS EVALUATED										
		AS SUBMITTED	0.03%	339.00	each	-	7,257.30	25,679.25	32,936.55	18.00%	5,928.58	1,943.26
102(1)	Unsuitable Excavation	AS EVALUATED										
		AS SUBMITTED	0.96%	3,952.00	cu.m.	-	42,764.59	903,415.74	946,180.33	18.00%	170,312.46	55,824.64
103(1)a	Structure Excavation	AS EVALUATED										
		AS SUBMITTED	0.13%	574.50	cu.m.	-	6,216.66	126,350.99	132,567.66	18.00%	23,862.18	7,821.49
103(3)	Foundation Fill	AS EVALUATED										
		AS SUBMITTED	0.05%	24.00	cu.m.	42,637.58	5,022.26	3,334.23	50,994.07	18.00%	9,178.93	3,008.65
103(6)a	Pipe Culverts and Drain Excavation	AS EVALUATED										
		AS SUBMITTED	0.05%	234.50	cu.m.	-	2,537.52	51,574.08	54,111.60	18.00%	9,740.09	3,192.58
104(1)a	Embankment from Roadway Excavation	AS EVALUATED										
		AS SUBMITTED	4.09%	17,475.00	cu.m.	-	109,537.73	3,925,465.17	4,035,002.90	18.00%	726,300.52	238,065.17

ITEM NO.	DESCRIPTION		DETAILED BREAKDOWN OF COMPONENT COST FOR EACH ITEM										
			%	QTY	UNIT	DIRECT COST				TOTAL MARK-UP		5% VAT	TOTAL COST
						MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE		
104(2)a	Embankment from Borrow	AS EVALUATED											
		AS SUBMITTED	6.63%	11,256.00	cu.m.	5,464,084.50	38,554.90	1,042,643.28	6,545,282.68	18.00%	1,178,150.88	386,171.68	8,109,605.23
104(5)	Boulder Fill	AS EVALUATED											
		AS SUBMITTED	6.04%	3,614.00	cu.m.	4,723,794.35	323,478.30	921,102.71	5,968,375.36	18.00%	1,074,307.56	352,134.15	7,394,817.07
105(1)a	Subgrade Preparation	AS EVALUATED											
		AS SUBMITTED	0.50%	30,684.50	cu.m.	-	17,517.14	473,717.54	491,234.68	18.00%	88,422.24	28,982.85	608,639.77
	TOTAL OF PART C	AS EVALUATED											
		AS SUBMITTED	18.55%			10,230,516.43	565,493.87	7,527,833.03	18,323,843.34		3,298,291.80	1,081,106.76	22,703,241.89
PART D	Subbase and Base Course												
200(1)	Aggregate Subbase Course	AS EVALUATED											
		AS SUBMITTED	14.69%	13,889.00	cu.m.	13,174,633.17	47,573.64	1,286,538.07	14,508,744.89	18.00%	2,611,574.08	856,015.95	17,976,334.92
	TOTAL OF PART D	AS EVALUATED											
		AS SUBMITTED	14.69%			13,174,633.17	47,573.64	1,286,538.07	14,508,744.89		2,611,574.08	856,015.95	17,976,334.92
PART E	Surface Courses												
300(1)	Gravel Surface Course	AS EVALUATED											
		AS SUBMITTED	1.54%	1,426.50	cu.m.	1,382,657.95	4,886.15	132,136.70	1,519,680.80	18.00%	273,542.54	89,661.17	1,882,684.51
311(1)a	Portland Cement Concrete Pavement	AS EVALUATED											
		AS SUBMITTED	2.52%	2,658.00	sq.m.	2,170,455.95	21,229.86	298,154.35	2,489,840.15	18.00%	448,171.23	146,900.57	3,084,911.95
311(1)e1	Portland Cement Concrete Pavement	AS EVALUATED											
		AS SUBMITTED	43.96%	25,379.00	sq.m.	37,731,437.95	378,372.75	5,313,907.13	43,423,717.83	18.00%	7,816,269.21	2,561,999.35	53,801,986.39
	TOTAL OF PART E	AS EVALUATED											
		AS SUBMITTED	48.02%			41,284,551.85	404,488.76	5,744,198.17	47,433,238.78		8,537,982.98	2,798,561.09	58,769,782.85
PART G	Drainage and Slope Protection Structures												
404(1)a	Reinforcing Steel	AS EVALUATED											
		AS SUBMITTED	0.82%	17,021.50	kg.	714,903.00	52,900.81	44,201.53	812,005.34	18.00%	146,160.96	47,908.31	1,006,074.61
405(1)a3	Structural Concrete, Class "A"	AS EVALUATED											
		AS SUBMITTED	2.47%	321.50	cu.m.	1,970,396.34	292,179.49	173,625.17	2,436,201.00	18.00%	438,516.18	143,735.86	3,018,453.04
500(1)a1	Pipe Culverts	AS EVALUATED											
		AS SUBMITTED	0.04%	18.00	ln.m.	27,727.94	3,000.05	6,873.60	37,601.59	18.00%	6,768.29	2,218.49	46,588.37
500(1)b3	Pipe Culverts	AS EVALUATED											
		AS SUBMITTED	0.37%	122.00	ln.m.	278,674.20	26,341.32	61,364.93	366,380.45	18.00%	65,948.48	21,616.45	453,945.38
500(1)b5	Pipe Culverts	AS EVALUATED											
		AS SUBMITTED	0.09%	14.00	ln.m.	73,732.71	4,242.49	9,720.25	87,695.45	18.00%	15,785.18	5,174.03	108,654.66
500(1)b6	Pipe Culverts	AS EVALUATED											
		AS SUBMITTED	0.24%	28.00	ln.m.	203,767.08	10,606.23	24,300.62	238,673.93	18.00%	42,961.31	14,081.76	295,717.00
502(3)a1	Catch Basin	AS EVALUATED											
		AS SUBMITTED	0.15%	6.00	each	95,783.41	14,772.96	34,893.17	145,449.54	18.00%	26,180.92	8,581.52	180,211.98
502(4)a1	Concrete Cover	AS EVALUATED											
		AS SUBMITTED	0.04%	6.00	each	40,335.65	454.55	593.56	41,383.76	18.00%	7,449.08	2,441.64	51,274.48
503(1)	Metal Frame & Grating	AS EVALUATED											
		AS SUBMITTED	0.03%	6.00	each	28,200.00	554.15	55.41	28,809.56	18.00%	5,185.72	1,699.76	35,695.05
505(2)a	Grouted Riprap, Class "A"	AS EVALUATED											
		AS SUBMITTED	9.40%	1,861.50	cu.m.	7,927,350.73	833,086.40	521,878.04	9,282,315.17	18.00%	1,670,816.73	547,656.60	11,500,788.50
506(1)	Stone Masonry	AS EVALUATED											
		AS SUBMITTED	0.65%	141.50	cu.m.	549,937.21	49,473.60	39,146.14	638,556.94	18.00%	114,940.25	37,674.86	791,172.05
	TOTAL OF PART G	AS EVALUATED											
		AS SUBMITTED	14.29%			11,910,808.27	1,287,612.03	916,652.43	14,115,072.73		2,540,713.09	832,789.29	17,488,575.11

ITEM NO.	DESCRIPTION		DETAILED BREAKDOWN OF COMPONENT COST FOR EACH ITEM										
			%	QTY	UNIT	DIRECT COST				TOTAL MARK-UP		5% VAT	TOTAL COST
						MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE		
PART H	Miscellaneous Structure												
600(3)	Concrete Curb & Gutter	AS EVALUATED											
		AS SUBMITTED	0.12%	122.00	ln.m.	105,740.89	8,014.53	5,370.53	119,125.94	18.00%	21,442.67	7,028.43	147,597.04
601(1)	Sidewalk	AS EVALUATED											
		AS SUBMITTED	0.15%	244.00	ln.m.	133,675.45	10,458.59	8,391.84	152,525.88	18.00%	27,454.66	8,999.03	188,979.57
605(2)z2	Regulatory Signs (R5-4C)	AS EVALUATED											
		AS SUBMITTED	0.02%	2.00	each	18,971.47	459.75	437.47	19,868.69	18.00%	3,576.36	1,172.25	24,617.31
611(1)	Trees (Furnishing & Transplanting)	AS EVALUATED											
		AS SUBMITTED	1.18%	285.00	each	81,510.00	65,513.66	1,016,876.37	1,163,900.03	18.00%	209,502.01	68,670.10	1,442,072.14
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	AS EVALUATED											
		AS SUBMITTED	0.82%	1,091.00	sq.m.	738,628.87	20,471.80	48,491.05	807,591.72	18.00%	145,366.51	47,647.91	1,000,606.14
	TOTAL OF PART H	AS EVALUATED											
		AS SUBMITTED	2.29%			1,078,526.68	104,918.32	1,079,567.27	2,263,012.26		407,342.21	133,517.72	2,803,872.19
	GRAND TOTAL	AS EVALUATED											
		AS SUBMITTED	100.00%			78,524,069.98	2,830,680.96	17,418,271.96	98,773,022.89		17,544,495.82	5,815,875.94	122,133,394.65



DPWH REGIONAL OFFICE IX

Road Widening - Primary Roads - Pagadian - Zamboanga City Road, Zamboanga City
Zamboanga City

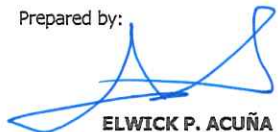
SUMMARY OF APPROVED BUDGET FOR THE CONTRACT

FORM POW-2015-02-00

DESCRIPTION OF WORKS TO BE DONE			ESTIMATED DIRECT COST	TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST
				%	TOTAL DIRECT COST			
PART A	Facilities for the Engineers	AS EVALUATED						
		AS SUBMITTED	948,018.96		97,025.93	52,252.24	149,278.17	1,097,297.13
PART B	Other General Requirements	AS EVALUATED						
		AS SUBMITTED	1,181,091.93		51,565.73	61,632.88	113,198.62	1,294,290.55
PART C	Earthworks	AS EVALUATED						
		AS SUBMITTED	18,323,843.34		3,298,291.80	1,081,106.76	4,379,398.56	22,703,241.89
PART D	Subbase and Base Course	AS EVALUATED						
		AS SUBMITTED	14,508,744.89		2,611,574.08	856,015.95	3,467,590.03	17,976,334.92
PART E	Surface Courses	AS EVALUATED						
		AS SUBMITTED	47,433,238.78		8,537,982.98	2,798,561.09	11,336,544.07	58,769,782.85
PART G	Drainage and Slope Protection Structures	AS EVALUATED						
		AS SUBMITTED	14,115,072.73		2,540,713.09	832,789.29	3,373,502.38	17,488,575.11
PART H	Miscellaneous Structure	AS EVALUATED						
		AS SUBMITTED	2,263,012.26		407,342.21	133,517.72	540,859.93	2,803,872.19
TOTAL		AS EVALUATED						
		AS SUBMITTED	98,773,022.89		17,544,495.82	5,815,875.94	23,360,371.76	122,133,394.65

Preparation and Submission:

Prepared by:


ELWICK P. ACUÑA

Engineer II

Maintenance Division

Checked/Submited by:


ISIDRA A. ESTANISLAO

Engineer IV

Maintenance Division

Evaluation:

Reviewed by:


SATURNINO C. TORREBRANCA

District Engineer

Planning & Design Division

Approval:

Recommending Approval


KHADAFFY D. TANGGOL

OIC-Assistant Regional Director

Approved:


CAYAMOMBAO D. DIA

Regional Director



DPWH REGIONAL OFFICE IX
Road Widening - Primary Roads - Pagadian - Zamboanga City Road, Zamboanga City
Zamboanga City

FORM POW-2015-02A-00

ITEM NO.	DESCRIPTION		QTY	UNIT	ESTIMATED DIRECT COST	TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						%	VALUE				
PART A	Facilities for the Engineers										
A.1.1(3)	Construction of Field Office for the Engineer	AS EVALUATED									
		AS SUBMITTED	1.00	L.S.	409,807.74	18.00%	73,765.39	24,178.66	97,944.05	507,751.79	513,960.77
A.1.1(11)	Provision of Provision of Furnitures/Fixtures, Equipment and Appliances for the Field Office for the Field Engineer	AS EVALUATED									
		AS SUBMITTED	1.00	L.S.	290,756.67	8.00%	23,260.53	15,700.86	38,961.39	329,718.06	329,718.06
A.1.2(5)	Operation and Maintenance of 4 x 4 Pick-Up Type Service Vehicle for the Engineer	AS EVALUATED									
		AS SUBMITTED	7.17	month	247,454.55	0.00%	-	12,372.73	12,372.73	259,827.28	36,254.97
	TOTAL OF PART A	AS EVALUATED									
		AS SUBMITTED			948,018.96		97,025.93	52,252.24	149,278.17	1,097,297.13	
PART B	Other General Requirements										
B.4(1)	Construction Survey & Staking	AS EVALUATED									
		AS SUBMITTED	3.73	km.	161,163.84	18.00%	29,009.49	9,508.67	38,518.16	199,682.00	53,542.23
B.5	Project Billboard/Signboard	AS EVALUATED									
		AS SUBMITTED	2.00	each	11,007.96	18.00%	1,981.43	649.47	2,630.90	13,638.86	6,819.43
B.7	Occupation Safety & Health	AS EVALUATED									
		AS SUBMITTED	7.17	month	257,185.13	8.00%	20,574.81	13,888.00	34,462.81	291,647.93	40,695.06
B.9	Mobilization & Demobilization	AS EVALUATED									
		AS SUBMITTED	1.00	L.S.	751,735.00	0.00%	-	37,586.75	37,586.75	789,321.75	789,321.75
	TOTAL OF PART B	AS EVALUATED			-						
		AS SUBMITTED			1,181,091.93		51,565.73	61,632.88	113,198.62	1,294,290.55	
PART C	Earthworks										
101(2)	Removal of Structure/Obstructions	AS EVALUATED									
		AS SUBMITTED	4.00	each	2,161.16	18.00%	389.01	127.51	516.52	2,677.68	669.42
101(3)b2	Removal of Structure/Obstructions	AS EVALUATED									
		AS SUBMITTED	38.00	cu.m.	3,884.82	18.00%	699.27	229.20	928.47	4,813.29	126.67
101(4)a1	Removal of Structure/Obstructions	AS EVALUATED									
		AS SUBMITTED	26.50	ln.m.	9,792.69	18.00%	1,762.68	577.77	2,340.45	12,133.15	457.85
101(8)	Removal of Existing Guardrails	AS EVALUATED									
		AS SUBMITTED	1,320.50	ln.m.	51,318.84	18.00%	9,237.39	3,027.81	12,265.20	63,584.04	48.15
101(9)	Removal of Existing Guardrail Posts	AS EVALUATED									
		AS SUBMITTED	339.00	each	32,936.55	18.00%	5,928.58	1,943.26	7,871.84	40,808.39	120.38
102(1)	Unsuitable Excavation	AS EVALUATED									
		AS SUBMITTED	3,952.00	cu.m.	946,180.33	18.00%	170,312.46	55,824.64	226,137.10	1,172,317.43	296.64
103(1)a	Structure Excavation	AS EVALUATED									
		AS SUBMITTED	574.50	cu.m.	132,567.66	18.00%	23,862.18	7,821.49	31,683.67	164,251.33	285.90

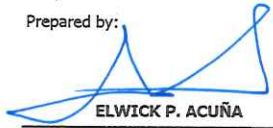
ITEM NO.	DESCRIPTION		QTY	UNIT	ESTIMATED DIRECT COST	TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						%	VALUE				
103(3)	Foundation Fill	AS EVALUATED									
		AS SUBMITTED	24.00	cu.m.	50,994.07	18.00%	9,178.93	3,008.65	12,187.58	63,181.66	2,632.57
103(6)a	Pipe Culverts and Drain Excavation	AS EVALUATED									
		AS SUBMITTED	234.50	cu.m.	54,111.60	18.00%	9,740.09	3,192.58	12,932.67	67,044.27	285.90
104(1)a	Embankment from Roadway Excavation	AS EVALUATED									
		AS SUBMITTED	17,475.00	cu.m.	4,035,002.90	18.00%	726,300.52	238,065.17	964,365.69	4,999,368.59	286.09
104(2)a	Embankment from Borrow	AS EVALUATED									
		AS SUBMITTED	11,256.00	cu.m.	6,545,282.68	18.00%	1,178,150.88	386,171.68	1,564,322.56	8,109,605.23	720.47
104(5)	Boulder Fill	AS EVALUATED									
		AS SUBMITTED	3,614.00	cu.m.	5,968,375.36	18.00%	1,074,307.56	352,134.15	1,426,441.71	7,394,817.07	2,046.16
105(1)a	Subgrade Preparation	AS EVALUATED									
		AS SUBMITTED	30,684.50	cu.m.	491,234.68	18.00%	88,422.24	28,982.85	117,405.09	608,639.77	19.84
	TOTAL OF PART C	AS EVALUATED									
		AS SUBMITTED			18,323,843.34		3,298,291.80	1,081,106.76	4,379,398.56	22,703,241.89	
PART D	Subbase and Base Course										
200(1)	Aggregate Subbase Course	AS EVALUATED									
		AS SUBMITTED	13,889.00	cu.m.	14,508,744.89	18.00%	2,611,574.08	856,015.95	3,467,590.03	17,976,334.92	1,294.29
	TOTAL OF PART D	AS EVALUATED									
		AS SUBMITTED			14,508,744.89		2,611,574.08	856,015.95	3,467,590.03	17,976,334.92	
PART E	Surface Courses										
300(1)	Gravel Surface Course	AS EVALUATED									
		AS SUBMITTED	1,426.50	cu.m.	1,519,680.80	18.00%	273,542.54	89,661.17	363,203.71	1,882,884.51	1,319.93
311(1)a	Portland Cement Concrete Pavement	AS EVALUATED									
		AS SUBMITTED	2,658.00	sq.m.	2,489,840.15	18.00%	448,171.23	146,900.57	595,071.80	3,084,911.95	1,160.61
311(1)e1	Portland Cement Concrete Pavement	AS EVALUATED									
		AS SUBMITTED	25,379.00	sq.m.	43,423,717.83	18.00%	7,816,269.21	2,561,999.35	10,378,268.56	53,801,986.39	2,119.94
	TOTAL OF PART E	AS EVALUATED									
		AS SUBMITTED			47,433,238.78		8,537,982.98	2,798,561.09	11,336,544.07	58,769,782.85	
PART G	Drainage and Slope Protection Structures										
404(1)a	Reinforcing Steel	AS EVALUATED									
		AS SUBMITTED	17,021.50	kg.	812,005.34	18.00%	146,160.96	47,908.31	194,069.28	1,006,074.61	59.11
405(1)a3	Structural Concrete, Class "A"	AS EVALUATED									
		AS SUBMITTED	321.50	cu.m.	2,436,201.00	18.00%	438,516.18	143,735.86	582,252.04	3,018,453.04	9,388.66
500(1)a1	Pipe Culverts	AS EVALUATED									
		AS SUBMITTED	18.00	ln.m.	37,601.59	18.00%	6,768.29	2,218.49	8,986.78	46,588.37	2,588.24
500(1)b3	Pipe Culverts	AS EVALUATED									
		AS SUBMITTED	122.00	ln.m.	366,380.45	18.00%	65,948.48	21,616.45	87,564.93	453,945.38	3,720.86
500(1)b5	Pipe Culverts	AS EVALUATED									
		AS SUBMITTED	14.00	ln.m.	87,695.45	18.00%	15,785.18	5,174.03	20,959.21	108,654.66	7,761.05
500(1)b6	Pipe Culverts	AS EVALUATED									
		AS SUBMITTED	28.00	ln.m.	238,673.93	18.00%	42,961.31	14,081.76	57,043.07	295,717.00	10,561.32

ITEM NO.	DESCRIPTION		QTY	UNIT	ESTIMATED DIRECT COST	TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						%	VALUE				
502(3)a1	Catch Basin	AS EVALUATED									
		AS SUBMITTED	6.00	each	145,449.54	18.00%	26,180.92	8,581.52	34,762.44	180,211.98	30,035.33
502(4)a1	Concrete Cover	AS EVALUATED	-	-	-						
		AS SUBMITTED	6.00	each	41,383.76	18.00%	7,449.08	2,441.64	9,890.72	51,274.48	8,545.75
503(1)	Metal Frame & Grating	AS EVALUATED	-	-	-						
		AS SUBMITTED	6.00	each	28,809.56	18.00%	5,185.72	1,699.76	6,885.49	35,695.05	5,949.17
505(2)a	Grouted Riprap, Class "A"	AS EVALUATED	-	-	-						
		AS SUBMITTED	1,861.50	cu.m.	9,282,315.17	18.00%	1,670,816.73	547,656.60	2,218,473.33	11,500,788.50	6,178.24
506(1)	Stone Masonry	AS EVALUATED									
		AS SUBMITTED	141.50	cu.m.	638,556.94	18.00%	114,940.25	37,674.86	152,615.11	791,172.05	5,591.32
	TOTAL OF PART G	AS EVALUATED			-						
		AS SUBMITTED			14,115,072.73		2,540,713.09	832,789.29	3,373,502.38	17,488,575.11	
PART H	Miscellaneous Structure										
601(1)	Sidewalk	AS EVALUATED	-		-						
		AS SUBMITTED	244.00	0	152,525.88	18.00%	27,454.66	8,999.03	36,453.69	188,979.57	774.51
605(2)z2	Regulatory Signs (R5-4C)	AS EVALUATED	-		-						
		AS SUBMITTED	2.00	0	19,868.69	18.00%	3,576.36	1,172.25	4,748.62	24,617.31	12,308.65
611(1)	Trees (Furnishing & Transplanting)	AS EVALUATED									
		AS SUBMITTED	285.00	0	1,163,900.03	18.00%	209,502.01	68,670.10	278,172.11	1,442,072.14	5,059.90
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	AS EVALUATED									
		AS SUBMITTED	1,091.00	0	807,591.72	18.00%	145,366.51	47,647.91	193,014.42	1,000,606.14	917.15
	TOTAL OF PART H	AS EVALUATED			-						
		AS SUBMITTED			2,263,012.26		407,342.21	133,517.72	540,859.93	2,803,872.19	
	GRAND TOTAL	AS EVALUATED			-						
		AS SUBMITTED			98,773,022.89		17,544,495.82	5,815,875.94	23,360,371.76	122,133,394.65	

122,133,394.65

Preparation and Submission:

Prepared by:


ELWICK P. ACUÑA
 Engineer II
 Maintenance Division

Checked/Submited by:


ISIDRA A. ESTANISLAO
 Engineer IV
 Maintenance Division

Evaluation:

Reviewed by:


SATURNINO C. TORREFRANCA
 District Engineer
 Planning & Design Division

Road Widening Primary Roads - Pagadian - Zamboanga City Road, 7 Zamboanga City

FORM-POW-2015-01D-00

Item No./Description : A.1.1(3)
 Unit of Measurement : Construction of Field Office for the Engineer
 Output per hour-As Submitted : 1.00 L.S.
 Output per hour-As Evaluated :

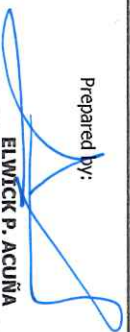
Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
A.1				
a. Construction Foreman	1	64	80.95	5,180.88
b. Masons	3	64	58.61	11,252.88
c. Carpenters	3	64	58.61	11,252.88
d. Laborers	6	64	45.16	17,340.00
Sub-Total for A-1 As Submitted				45,026.64
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
B.1				
a. One Bagger Mixer	1	48	172.00	8,256.00
b. Water Truck	1	8	2,450.00	19,600.00
Minor Tools 10% of Labor Cost				4,502.66
Sub-Total for B-1 As Submitted				32,358.66
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				77,385.30
C.2				
Total (A.2+B.2) - As Evaluated				
D.1				
Output per Hour - As Submitted				
D.2				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				77,385.30
E.1				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
I Earthworks (Excavation, Embankment & Bedd				
a. Gravel Bedding	cu.m.	3.50	1,344.84	4,706.94
b. Selected Fill	cu.m.	10.00	388.35	3,883.50
c. Soil Poisoning	L	2.50	1,900.00	4,750.00
II Concrete Works (Footings, Columns, Beams, & Slab on Grade)				
a. Portland Cement	bag	90.00	303.00	27,270.00
b. Crushed Gravel	cu.m.	21.00	1,344.84	28,241.64
c. Washed Sand	cu.m.	18.00	1,544.84	27,807.12
III Reinforcing Bars (Footings, Columns, Beams, & Slab on Grade)				
a. Deformed Round Bar, Grade 40	kg.	435.00	38.00	16,530.00
b. No. 16 G.I. Tie Wire	kg.	20.00	80.00	1,600.00
IV Formworks (Columns & Beams)				
a. Ordinary Plywood, 1/4" x 4' x 8'	bd.ft.	400.00	13.00	5,200.00
b. CWN Assorted	pc.	18.00	610.00	10,980.00
c. CWN Assorted	kg.	5.00	65.00	325.00
V Masonry Works (Masonry Wall & Plastering)				
a. CHB 6" thk.	pc.	650.00	16.00	10,400.00
b. Portland Cement	bag	45.00	303.00	13,635.00
c. Washed Sand	cu.m.	8.00	1,544.84	12,358.72
d. 10 mm. x 6 m. RSB	kg.	65.00	38.00	2,470.00
e. No. 16 G.I. Tie Wire	kg.	2.50	100.00	250.00
VI Doors and Windows				
a. D-1, Hollow Core Flush Type Swing Door,	set	2.00	1,765.26	3,530.52
Complete with Accessories, 0.90 m. x 2.10 m.				
b. W-1, Jalousie Window, 1.40 m. x 1.20 m.	set	2.00	924.00	1,848.00
c. W-2, Jalousie Window, 2.80 m. x 1.20 m.	set	2.00	1,848.00	3,696.00

Handwritten signature/initials

VII Steel Works					
a.	65 mm. x 65 mm. x 6 mm. Angl. jr	kg.	350.00	48.00	16,800.00
b.	50 mm. x 50 mm. x 6 mm. Angle Bar	kg.	250.00	48.00	12,000.00
c.	50 mm. x 50 mm. x 4 mm. Angle Bar	kg.	100.00	48.00	4,800.00
d.	Purlins C- 150 x 50 x 3mm.	kg.	18.00	48.00	864.00
e.	16mm dia. Cross bracing	kg.	35.00	38.00	1,330.00
f.	16mm dia. Turn buckle	pc.	20.00	118.00	2,360.00
g.	12mm thk base plate	kg.	25.00	47.00	1,175.00
h.	10mm thk batten plate	kg.	15.00	47.00	705.00
i.	10mm dia. Sag rod	kg.	10.00	38.00	380.00
j.	20mm dia. X 350 mm anchor bolts	pc.	10.00	36.00	360.00
k.	Welding Rod	kg.	15.00	163.00	2,445.00
l.	Primer, Zinc Cromate	gal.	5.00	531.00	2,655.00
VIII Roofing Works					
a.	Pre-painted GI Roofing Sheet long span	sq.m.	55.00	420.00	23,100.00
b.	Pre-painted ridge roll ga 24, 0.60m width	ln.m.	10.00	189.00	1,890.00
c.	Pre-painted flashing, ga. 24	ln.m.	2.00	189.00	378.00
d.	Tedscrew 11/2"	pc.	1000.00	2.00	2,000.00
e.	Roof Sealant	L	2.00	250.00	500.00
IX Carpentry Works					
a.	Rough Lumber, sun dried langulie	bd.ft.	500.00	37.00	18,500.00
b.	Plywood, ordinary 1/4" x 4' x 8'	pc.	30.00	450.00	13,500.00
c.	Finishing Nails	kg.	5.00	110.00	550.00
d.	Common Wire Nails	kg.	10.00	65.00	650.00
e.	Wood Preservative Brown	L	5.00	400.00	2,000.00
X Electrical Works					
a.	2 x 40w Fluorescent lighting fixtures	set	5.00	1,030.00	5,150.00
b.	Porcelain Ceiling Outlet w/ female socket	pc	2.00	50.00	100.00
c.	Duplex Convenience outlet	pc	3.00	170.00	510.00
d.	two gang switch	pc	3.00	170.00	510.00
e.	3.5mm2 thw	roll	3.00	3,600.00	10,800.00
f.	8.00mm2 thw	m	25.00	70.00	1,750.00
g.	15mm dia. PVC pipe	pc	20.00	73.00	1,460.00
h.	15mm dia. PVC Coupling	pc	25.00	5.00	125.00
i.	15mm dia. PVC Elbow	pc	25.00	26.00	650.00
j.	15mm dia. PVC Clamp	pc	55.00	8.00	440.00
k.	20mm dia. RSC Pipe	pc	4.00	240.00	960.00
l.	20mm dia. RSC Coupling	pc	3.00	9.00	27.00
m.	20mm dia. RSC elbow	pc	3.00	30.00	90.00
n.	20mm dia. RSC Clamp	pc	10.00	18.00	180.00
o.	20mm dia. Service entrance cap	pc	2.00	100.00	200.00
p.	wire holder	pc	2.00	50.00	100.00
q.	utility box	pc	7.00	32.00	224.00
r.	octagonal box	pc	8.00	34.00	272.00
s.	electrical tape (big)	pc	7.00	31.00	217.00
t.	panel board (side main w/ braches)	set	2.00	1,627.00	3,254.00
XI Plumbing Works					
a.	Water Closet (include. Fitting & Accessories)	set	1.00	7,375.00	7,375.00
b.	Lavatory (include fitting & Accessories)	set	1.00	6,615.00	6,615.00
c.	1/2" GI Pipe S-40	pc	2.00	166.00	332.00
d.	1/2" Water Faucet	pc	2.00	321.00	642.00
e.	1/2" Assorted Connector	pc	8.00	20.00	160.00
f.	4" PVC series 1000	pc	1.00	640.00	640.00
g.	2" PVC series 1000	pc	1.00	305.00	305.00
h.	4" PVC assorted Connector	pc	6.00	77.00	462.00
i.	2" PVC assorted Connector	pc	8.00	56.00	448.00
Sub-Total for F-1 As Submitted					332,422.44
Equipment					
F.2					
Sub-Total for F-2 As Evaluated					
G.1	Direct Unit Cost (E.1+F.1) - As Submitted				409,807.74
G.2	Direct Unit Cost (E.2+F.2) - As Evaluated				
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				40,980.77
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				
I.1	Contractor's Profit - As Submitted				32,784.62
I.2	Contractor's Profit - As Evaluated				
J.1	Value Added Tax - As Submitted				24,178.66
J.2	Value Added Tax - As Evaluated				
K.1	Total Unit Cost - As Submitted				507,751.79
K.2	Total Unit Cost - As Evaluated				

Prepared by:

Checked/Reviewed


ELWICK P. ACUÑA
 Engineer II


ISIDRA A. ESTANISLAO
 Engineer IV

Road Wide - Primary Roads - Pagadian - Zamboanga City Road - Zamboanga City

FORM-POW-2015-01D-00

Item No./Description : A.1.1(11)
 Unit of Measurement : Provision of Furnitures/Fixtures, Equipment and Appliances for the Field Office for the Field
 Output per hour-As Submitted : 1.00 L.S.
 Output per hour-As Evaluated : -

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
Sub-Total for A-1 As Submitted				-
A.2				
Sub-Total for A-2 As Evaluated				
B.1				
Equipment	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Sub-Total for B-1 As Submitted				-
B.2				
Equipment				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				-
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				-
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				-
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
F.1				
Materials	Unit	Quantity	Unit Cost	Amount (Php.)
Office Equipment/Facilities & Supplies				
a. Electric Desk Fan	unit	2.00	1,370.00	2,740.00
b. Folding Beds, Good Quality	each	2.00	2,700.00	5,400.00
c. pillows w/ pillow cases, fitted sheets and blanket	each	2.00	5,000.00	10,000.00
d. Double burner gas stove (Gasul)	unit	1.00	3,700.00	3,700.00
e. 10 cups Rice Cooker	unit	1.00	2,500.00	2,500.00
f. Various Office Supply	L.S.	1.00	45,000.00	45,000.00
(Folders, Bond Paper, Yellow Pads, Ball Pens, Pencil, Envelopes, etc.)				
g. Kitchenware	L.S.	1.00	30,000.00	30,000.00
(Plates, Spoons & Forks, Glasses, etc.)				
h. Dining Table	set	1.00	8,000.00	8,000.00
i. Digital Camera	set	2.00	12,000.00	24,000.00
j. Cellphone	set	4.00	15,000.00	60,000.00
k. Desktop Computer	set	1.00	60,000.00	60,000.00
Lighting/Water Fixtures				
a. Electrical Bill	mo.	7.17	3,000.00	21,500.00
b. Water Bill	mo.	7.17	1,500.00	10,750.00
c. LPG (11 kg)	mo.	7.17	1,000.00	7,166.67
Sub-Total for F-1 As Submitted				290,756.67
F.2				
Equipment				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				290,756.67
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				-
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				23,260.53
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				15,700.86
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				329,718.06
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed


ELWICK P. ACUÑA
 Engineer II


ISIDRA A. ESTANISLAO
 Engineer IV

7.17 month

	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1	Labor				
	a. Driver	1	1,720.00	58.61	100,807.05
	Sub-Total for A-1 As Submitted				100,807.05
A.2	Labor				
	Sub-Total for A-2 As Evaluated				
B.1	Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
	Equipment				
	Sub-Total for B-1 As Submitted				-
B.2	Equipment				
	Sub-Total for B-2 As Evaluated				
C.1	Total (A.1+B.1) - As Submitted				100,807.05
C.2	Total (A.2+B.2) - As Evaluated				-
D.1	Output per Hour - As Submitted				-
D.2	Output per Hour - As Evaluated				
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				-
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
F.1	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
	Materials				
	a. Diesel	L	2,150.00	31.00	66,650.00
	b. Spare Parts	L.S.	1.00	40,000.00	40,000.00
	c. Engine Oil & Lubricants	L.S.	1.00	9,997.50	9,997.50
	d. Miscellaneous	L.S.	1.00	30,000.00	30,000.00
	Sub-Total for F-1 As Submitted				146,647.50
	Equipment				
	Sub-Total for F-2 As Evaluated				
G.1	Direct Unit Cost (E.1+F.1) - As Submitted				146,647.50
G.2	Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				-
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1	Contractor's Profit - As Submitted				-
I.2	Contractor's Profit - As Evaluated				-
J.1	Value Added Tax - As Submitted				7,332.38
J.2	Value Added Tax - As Evaluated				-
K.1	Total Unit Cost - As Submitted				153,979.88
K.2	Total Unit Cost - As Evaluated				-


Checked/Reviewed

ELWICK P. ACUÑA
Engineer II

Engineer IV
ISIDRA A. ESTANISLAO

Item No./Description : B-4(1)
Construction Survey & Staking
Unit of Measurement : 3.73 km.
Output per hour-As Submitted : 0.04
Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
For Field Works				
a. Geodetic Engineer	1	1	104.16	104.16
b. Skilled Laborer	3	1	58.61	175.83
c. Unskilled Laborer	3	1	45.16	135.47
For Office Works				
a. Geodetic Engineer	1	3	104.16	312.49
b. Skilled Laborer	2	3	58.61	351.65
Sub-Total for A-1 As Submitted				1,079.60
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
B.1 a. Total Station w/ Complete Accessories	1	1	100.00	100.00
Minor Tools 10% of Labor				107.96
Sub-Total for B-1 As Submitted				207.96
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				1,287.56
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				0.04
D.2 Output per Hour - As Evaluated				
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				32,189.07
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
F.1 a. Standard Stake Plan (800 mm x 910 mm)	pc.	20.00	400.00	8,000.00
b. Blue Printing	pc.	100.00	25.00	2,500.00
Miscellaneous 5% of Material Cost				525.00
Sub-Total for F-1 As Submitted				11,025.00
Equipment				
F.2				
Sub-Total for F-2 As Evaluated				
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				43,214.07
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				4,321.41
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1 Contractor's Profit - As Submitted				3,457.13
I.2 Contractor's Profit - As Evaluated				-
J.1 Value Added Tax - As Submitted				2,549.63
J.2 Value Added Tax - As Evaluated				-
K.1 Total Unit Cost - As Submitted				53,542.23
K.2 Total Unit Cost - As Evaluated				-

Prepared by: 
ELWICK P. ACUÑA
Engineer II

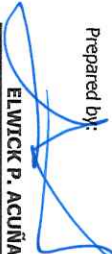
Checked/Reviewed 
ISIDRA A. ESTANISLAO
Engineer IV


Road Wide - Primary Roads - Pagadian - Zamboanga City Road - Zamboanga City

FORM-POW-2015-01D-00

Item No./Description : B.5
 Unit of Measurement : Project Billboard/Signboard
 Output per hour-As Submitted : 2.00 each
 Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Foreman	1	16	80.95	1,295.22
b. Skilled Laborer	1	16	58.61	937.74
c. Unskilled Laborer	2	16	45.16	1,445.00
Sub-Total for A-1 As Submitted				3,677.96
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
B.1				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
Sub-Total for B-1 As Submitted				-
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				3,677.96
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				-
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				-
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
F.1				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Ordinary Plywood 1/2" thk. x 4' x 8'	pc.	2.00	750.00	1,500.00
b. Tarpaulin (4 x 8)	pc.	2.00	1,000.00	2,000.00
c. Assorted Lumber	bd.ft.	100.00	37.00	3,700.00
d. Assorted CW Nails	kg.	2.00	65.00	130.00
Sub-Total for F-1 As Submitted				7,330.00
Equipment				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				7,330.00
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				733.00
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				586.40
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				432.47
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				9,081.87
K.2				
Total Unit Cost - As Evaluated				-

Prepared by: 
ELWICK P. ACUÑA
 Engineer II

Checked/Reviewed 
ISIDRA A. ESTANISLAO
 Engineer IV

Road Wide - Primary Roads - Pagadian - Zamboanga City Road
Zamboanga City

FORM-POW-2015-01D-00

Item No./Description : B.7
Unit of Measurement : Occupation Safety & Health
Output per hour-As Submitted : 7.17 month
Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Safety Practioner	1	860.00	80.95	69,618.08
b. First Aider	1	1,720.00	58.61	100,807.05
Sub-Total for A-1 As Submitted				1,70,425.13
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
B.1				
Equipment				
a. Warning Signs and Barricades				60,000.00
Sub-Total for B-1 As Submitted				60,000.00
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				230,425.13
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				230,425.13
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Materials	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
a. Rubber Boots (Long w/ Steel Toe, Black)	pair	24.00	400.00	9,600.00
b. Working Gloves (Maong Materials)	pair	24.00	15.00	360.00
c. Rain Coats (Reinforced, Hip Length)	pc	24.00	100.00	2,400.00
d. Safety Hats	pc	24.00	600.00	14,400.00
Sub-Total for F-1 As Submitted				26,760.00
Equipment				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				257,185.13
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				
I.1				
Contractor's Profit - As Submitted				20,574.81
I.2				
Contractor's Profit - As Evaluated				
J.1				
Value Added Tax - As Submitted				13,888.00
J.2				
Value Added Tax - As Evaluated				
K.1				
Total Unit Cost - As Submitted				
K.2				
Total Unit Cost - As Evaluated				291,647.93

Prepared by:

ELWICK P. ACUÑA
Engineer II

Checked/Reviewed

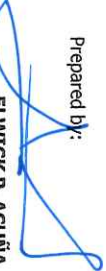
ISIDRA A. ESTANISLAO
Engineer IV

Road Wide - Primary Roads - Pagadian - Zamboanga City Road - Zamboanga City

FORM-POW-2015-01D-00

Item No./Description : B.9
 Unit of Measurement : Mobilization & Demobilization
 Output per hour-As Submitted : 1.00 L.S.
 Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1 Labor				
Sub-Total for A-1 As Submitted				-
A.2 Labor				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. Low Bed Trailer	1	40	4,255.38	170,215.00
b. Water Truck	1	40	2,450.00	98,000.00
c. Backhoe	2	40	1,537.00	61,480.00
d. Bulldozer	1	40	3,379.00	135,160.00
e. Dump Truck	4	40	1,420.00	56,800.00
f. Payloader	1	40	1,733.00	69,320.00
g. Grader	1	40	2,173.00	86,920.00
h. Roller	1	40	1,846.00	73,840.00
Sub-Total for B-1 As Submitted				751,735.00
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				751,735.00
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				
D.2 Output per Hour - As Evaluated				
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				751,735.00
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1 Materials				
Sub-Total for F-1 As Submitted				-
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				751,735.00
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				75,173.50
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1 Contractor's Profit - As Submitted				60,138.80
I.2 Contractor's Profit - As Evaluated				-
J.1 Value Added Tax - As Submitted				44,352.37
J.2 Value Added Tax - As Evaluated				-
K.1 Total Unit Cost - As Submitted				931,399.67
K.2 Total Unit Cost - As Evaluated				-

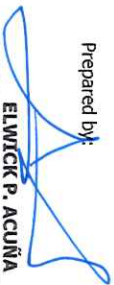
Prepared by:

ELWICK P. ACUÑA
 Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO
 Engineer IV

Item No./Description : 101(2)
 Unit of Measurement : Removal of Structure/Obstructions
 Output per hour-As Submitted : 4.32 cu.m. 4.00 each
 Output per hour-As Evaluated : 5.00


Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Foreman	1	1	80.95	80.95
b. Skilled Laborer	2	1	58.61	117.22
c. Unskilled Laborer	4	1	45.16	180.63
Sub-Total for A-1 As Submitted				378.79
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
B.1	1	0.5	1,998.10	999.05
a. Backhoe w/ Pavement Breaker	1	0.5	1,537.00	768.50
b. Backhoe	1	0.25	1,420.00	355.00
c. Dump Truck (12 cu.yd.)				
Sub-Total for B-1 As Submitted				2,122.55
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				2,501.34
Total (A.1+B.1) - As Submitted				-
C.2				5.00
Total (A.2+B.2) - As Evaluated				
D.1				
Output per Hour - As Submitted				
D.2				
Output per Hour - As Evaluated				
E.1				500.27
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
Sub-Total for F-1 As Submitted				-
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				500.27
Direct Unit Cost (E.1+F.1) - As Submitted				
G.2				50.03
Direct Unit Cost (E.2+F.2) - As Evaluated				
H.1				-
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				
H.2				40.02
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				
I.1				-
Contractor's Profit - As Submitted				
I.2				29.52
Contractor's Profit - As Evaluated				
J.1				-
Value Added Tax - As Submitted				
J.2				619.83
Value Added Tax - As Evaluated				
K.1				
Total Unit Cost - As Submitted				
K.2				-
Total Unit Cost - As Evaluated				


Prepared by: 
ELWICK P. ACUÑA
 Engineer II

Checked/Reviewed: 
ISIDRA A. ESTANISLAO
 Engineer IV

Item No./Description : 101(3)b2
 Removal of Structure/Obstructions
 Unit of Measurement : 38.00 cu.m.
 Output per hour-As Submitted : 46.00
 Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
A.1				
a. Foreman	1	1	80.95	80.95
b. Unskilled Laborer	4	1	45.16	180.63
Sub-Total for A-1 As Submitted				261.58
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
B.1				
a. Backhoe w/ Pavement Breaker	1	1	1,998.10	1,998.10
b. Payloader (1.50 cu.m.), LX80-2C	1	1	1,733.00	1,733.00
c. Dump Truck (12 cu.yd.)	1	0.5	1,420.00	710.00
Sub-Total for B-1 As Submitted				4,441.10
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				4,702.68
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				46.00
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				102.23
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
Sub-Total for F-1 As Submitted				-
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				102.23
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				10.22
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				8.18
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				6.03
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				126.67
K.2				
Total Unit Cost - As Evaluated				-

Prepared by: 
ELWICK P. ACUÑA
 Engineer II

Checked/Reviewed 
ISIDRA A. ESTANISLAO
 Engineer IV

Road Wide - Primary Roads - Pagadian - Zamboanga City Road - Zamboanga City

FORM-POW-2015-01D-00

Item No./Description : 101(4)a1
 Unit of Measurement : Removal of Structure/Obstructions
 Output per hour-As Submitted : 26.50 In.m.
 Output per hour-As Evaluated : 6.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
A.1 a. Foreman	1	1	80.95	80.95
b. Unskilled Laborer	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.)
B.1 Equipment				
a. Backhoe	1	1	1,537.00	1,537.00
b. Boom Truck	1	0.5	1,017.90	508.95
Sub-Total for B-1 As Submitted				2,045.95
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				2,217.21
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				6.00
D.2 Output per Hour - As Evaluated				
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				369.54
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1 Materials				
Sub-Total for F-1 As Submitted				-
Equipment				
F.2				
Sub-Total for F-2 As Evaluated				
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				369.54
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				36.95
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1 Contractor's Profit - As Submitted				29.56
I.2 Contractor's Profit - As Evaluated				-
J.1 Value Added Tax - As Submitted				21.80
J.2 Value Added Tax - As Evaluated				-
K.1 Total Unit Cost - As Submitted				457.85
K.2 Total Unit Cost - As Evaluated				-

Prepared by:


ELWICK P. ACUÑA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV


Road Wide - Primary Roads - Pagadian - Zamboanga City Road - Zamboanga City

FORM-POW-2015-01D-00

Item No./Description : 101(8)
 Unit of Measurement : Removal of Existing Guardrails
 Output per hour-As Submitted : 1,320.50 In.m.
 Output per hour-As Evaluated : 20.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Foreman	1	1	80.95	80.95
b. Unskilled Laborer	2	1	45.16	90.31
Sub-Total for A-1 As Submitted				171.26
Labor				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. Cargo Truck	1	0.5	1,212.00	606.00
Sub-Total for B-1 As Submitted				606.00
Equipment				
Sub-Total for B-2 As Evaluated				
Total (A.1+B.1) - As Submitted				777.26
Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				20.00
D.2 Output per Hour - As Evaluated				
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				38.86
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1 Materials				
Sub-Total for F-1 As Submitted				-
Materials				
Sub-Total for F-2 As Evaluated				
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				38.86
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				3.89
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1 Contractor's Profit - As Submitted				3.11
I.2 Contractor's Profit - As Evaluated				-
J.1 Value Added Tax - As Submitted				2.29
J.2 Value Added Tax - As Evaluated				-
K.1 Total Unit Cost - As Submitted				48.15
K.2 Total Unit Cost - As Evaluated				-

Prepared by:

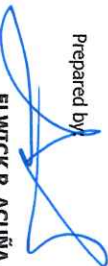

ELWICK P. ACUÑA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

Item No./Description : 101(9)
 Unit of Measurement : Removal of Existing Guardrail Posts
 Output per hour-As Submitted : 339.00 each
 Output per hour-As Evaluated : 8.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Foreman	1	1	80.95	80.95
b. Unskilled Laborer	2	1	45.16	90.31
Sub-Total for A-1 As Submitted				171.26
Labor				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. Cargo Truck	1	0.5	1,212.00	606.00
Sub-Total for B-1 As Submitted				606.00
Equipment				
Sub-Total for B-2 As Evaluated				
Total (A.1+B.1) - As Submitted				777.26
Total (A.2+B.2) - As Evaluated				-
Output per Hour - As Submitted				8.00
Output per Hour - As Evaluated				
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				97.16
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1 Materials				
Sub-Total for F-1 As Submitted				-
Materials				
Sub-Total for F-2 As Evaluated				
Direct Unit Cost (E.1+F.1) - As Submitted				97.16
Direct Unit Cost (E.2+F.2) - As Evaluated				-
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				9.72
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
Contractor's Profit - As Submitted				7.77
Contractor's Profit - As Evaluated				-
Value Added Tax - As Submitted				5.73
Value Added Tax - As Evaluated				-
Total Unit Cost - As Submitted				120.38
Total Unit Cost - As Evaluated				-

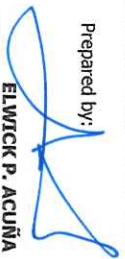
Prepared by

ELWICK P. ACUÑA
 Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO
 Engineer IV

Item No./Description : 102(1)
Unit of Measurement : Unsuitable Excavation
Output per hour-As Submitted : 3,952.00 cu.m.
Output per hour-As Evaluated : 20.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Foreman	1	1	80.95	80.95
b. Unskilled Laborer	3	1	45.16	135.47
Sub-Total for A-1 As Submitted				216.42
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. Dump Truck (12 cu.yd.)	2	1	1,420.00	2,840.00
b. Backhoe (0.80 cu.m.)	1	1	1,537.00	1,537.00
c. Payloader (1.50 cu.m.) - disposal site	1	0.1	1,733.00	173.30
Minor Tools 10% of Labor				21.64
Sub-Total for B-1 As Submitted				4,571.94
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				4,788.36
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				20.00
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				239.42
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
Sub-Total for F-1 As Submitted				-
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				239.42
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				23.94
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				19.15
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				14.13
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				296.64
K.2				
Total Unit Cost - As Evaluated				-

Prepared by: 
ELWICK P. ACUÑA
Engineer II

Checked/Reviewed 
ISIDRA A. ESTANISLAO
Engineer IV

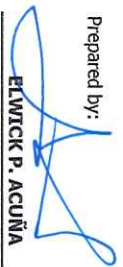
Road Wide - Primary Roads - Pagadian - Zamboanga City Road
Zamboanga City

FORM-POW-2015-01D-00

Item No./Description : 103(1)a
Structure Excavation
Unit of Measurement : 574.50 cu.m.
Output per hour-As Submitted : 20.00
Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Foreman	1	1	80.95	80.95
b. Unskilled Laborer	3	1	45.16	135.47
Sub-Total for A-1 As Submitted				216.42
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
B.1				
Equipment				
a. Dump Truck (12 cu.yd.)	2	1	1,420.00	2,840.00
b. Backhoe (0.80 cu.m.)	1	1	1,537.00	1,537.00
Minor Tools 10% of Labor				21.64
Sub-Total for B-1 As Submitted				4,398.64
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				4,615.06
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				20.00
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				230.75
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
F.1				
Materials				
Sub-Total for F-1 As Submitted				-
Equipment				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				230.75
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				23.08
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				18.46
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				13.61
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				285.90
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:


ELWICK P. ACUÑA
Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
Engineer IV

Item No./Description : 103(3)
Foundation Fill
Unit of Measurement : 24.00 cu.m.
Output per hour-As Submitted : 1.25
Output per hour-As Evaluated :


Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Foreman	1	1	80.95	80.95
b. Unskilled Laborer	4	1	45.16	180.63
Sub-Total for A-1 As Submitted				261.58
Labor				
Sub-Total for A-2 As Evaluated				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. Plate Compactor (5 hp)	1	1	123.00	123.00
b. Water Truck/Pump (16000 L)	1	0.01	2,450.00	24.50
Minor Tools 10% of Labor				26.16
Sub-Total for B-1 As Submitted				173.66
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				435.23
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				1.25
D.2 Output per Hour - As Evaluated				
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				348.19
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
a. Filling Materials (Well Graded Sand)	cu.m.	1.15	1,544.84	1,776.57
Sub-Total for F-1 As Submitted				1,776.57
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				2,124.75
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				212.48
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1 Contractor's Profit - As Submitted				169.98
I.2 Contractor's Profit - As Evaluated				-
J.1 Value Added Tax - As Submitted				125.36
J.2 Value Added Tax - As Evaluated				-
K.1 Total Unit Cost - As Submitted				2,632.57
K.2 Total Unit Cost - As Evaluated				-

Prepared by: 
ELWICK P. ACUÑA
Engineer II

Checked/Reviewed 
ISIDRA A. ESTANISLAO
Engineer IV

Item No./Description : 103(6)a
Unit of Measurement : Pipe Culverts and Drain Excavation
Output per hour-As Submitted : 234.50 cu.m.
Output per hour-As Evaluated : 20.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Foreman	1	1	80.95	80.95
b. Unskilled Laborer	3	1	45.16	135.47
Sub-Total for A-1 As Submitted				216.42
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
B.1				
Equipment				
a. Dump Truck (12 cu.yd.)	2	1	1,420.00	2,840.00
b. Backhoe (0.80 cu.m.)	1	1	1,537.00	1,537.00
Minor Tools 10% of Labor				21.64
Sub-Total for B-1 As Submitted				4,398.64
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				4,615.06
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				20.00
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				230.75
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
Sub-Total for F-1 As Submitted				-
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				230.75
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				23.08
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				18.46
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				13.61
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				285.90
K.2				
Total Unit Cost - As Evaluated				-

Prepared by: 
ELWICK P. ACUÑA
Engineer II

Checked/Reviewed 
ISIDRA A. ESTANISLAO
Engineer IV

Road Wide - Primary Roads - Pagadian - Zamboanga City Road - Zamboanga City

FORM-POW-2015-01D-00

Item No./Description : 104(1)a
 Unit of Measurement : Embankment from Roadway Excavation
 Output per hour-As Submitted : 17,475.00 cu.m.
 Output per hour-As Evaluated : 50.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
For Excavation Work				
a. Foreman	1	0.83	80.95	67.19
b. Unskilled Laborer	2	0.83	45.16	74.96
Spreading and Compaction				
a. Foreman	1	1	80.95	80.95
b. Unskilled Laborer	2	1	45.16	90.31
Sub-Total for A-1 As Submitted				313.41
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				
For Excavation Work				
a. Bulldozer, D6H Series II PSDS/DD	1	0.83	3,379.00	2,804.57
b. Payloader (1.50 cu.m.)	1	0.83	1,733.00	1,438.39
c. Dump Truck (12 cu.yd.)	2	0.83	1,420.00	2,357.20
Spreading and Compaction				
a. Motorized Road Grader (140 hp), G170A	1	1	2,173.00	2,173.00
b. Vibratory Roller (10 mt), SD100C	1	1	1,846.00	1,846.00
c. Water Truck/Pump (16000L)	1	0.25	2,450.00	612.50
Sub-Total for B-1 As Submitted				11,231.66
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				11,545.07
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				50.00
D.2 Output per Hour - As Evaluated				
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				230.90
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1 Materials				
Sub-Total for F-1 As Submitted				-
Equipment				
Sub-Total for F-2 As Evaluated				
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				230.90
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				23.09
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1 Contractor's Profit - As Submitted				18.47
I.2 Contractor's Profit - As Evaluated				-
J.1 Value Added Tax - As Submitted				13.62
J.2 Value Added Tax - As Evaluated				-
K.1 Total Unit Cost - As Submitted				286.09
K.2 Total Unit Cost - As Evaluated				-

Prepared by:


ELWICK P. ACUÑA

Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO


Engineer IV

Item No./Description : 104(2)a
 Unit of Measurement : Embankment from Borrow
 Output per hour-As Submitted : 11,256.00 cu.m.
 Output per hour-As Evaluated : 50.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Foreman	1	1	80.95	80.95
b. Unskilled Laborer	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.)
B.1				
Equipment				
a. Motorized Road Grader (140 hp), G170A	1	1	2,173.00	2,173.00
b. Vibratory Roller (10 mt), SD100C	1	1	1,846.00	1,846.00
c. Water Truck/Pump (16000L)	1	0.25	2,450.00	612.50
Sub-Total for B-1 As Submitted				4,631.50
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				4,802.76
C.2				
Total (A.2+B.2) - As Evaluated				50.00
D.1				
Output per Hour - As Submitted				
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				96.06
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
a. Common Borrow	cu.m.	1.25	388.35	485.44
(with 25% wastage factor)				
Sub-Total for F-1 As Submitted				485.44
Materials				
F.2				
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				58.15
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				58.15
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				46.52
I.1				
Contractor's Profit - As Submitted				-
I.2				
Contractor's Profit - As Evaluated				34.31
J.1				
Value Added Tax - As Submitted				-
J.2				
Value Added Tax - As Evaluated				720.47
K.1				
Total Unit Cost - As Submitted				-
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

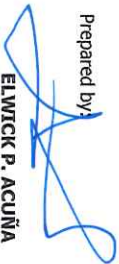
Checked/Reviewed


ELWICK P. ACUÑA
 Engineer II


ISIDRA A. ESTANISLAO
 Engineer IV

Item No./Description : 104(5)
Boulder Fill
Unit of Measurement : 3,614.00 cu.m.
Output per hour-As Submitted : 6.25
Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Foreman	1	1	80.95	80.95
b. Skilled Laborer	2	1	58.61	117.22
c. Unskilled Laborer	8	1	45.16	361.25
Sub-Total for A-1 As Submitted				559.42
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
B.1				
Equipment				
a. Backhoe (0.80 cu.m.)	1	1	1,537.00	1,537.00
Minor Tools 10% of Labor				55.94
Sub-Total for B-1 As Submitted				1,592.94
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				2,152.36
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				6.25
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				344.38
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
a. Boulders (with 5% wastage factor)	cu.m.	1.05	1,244.84	1,307.08
Sub-Total for F-1 As Submitted				1,307.08
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				1,651.46
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				165.15
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				132.12
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				97.44
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				2,046.16
K.2				
Total Unit Cost - As Evaluated				-

Prepared by 
ELWICK P. ACUÑA
Engineer II


Checked/Reviewed


ISIDRA A. ESTANISLAO
Engineer IV

Item No./Description : 105(1)a
 Subgrade Preparation
 Unit of Measurement : 30,684.50 cu.m.
 Output per hour-As Submitted : 300.00
 Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
A.1				
a. Foreman	1	1	80.95	80.95
b. Unskilled Laborer	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				
B.1				
a. Backhoe (0.80 cu.m.)	1	1	2,173.00	2,173.00
b. Vibratory Roller (10 mt), SD100C	1	1	1,846.00	1,846.00
c. Water Truck/Pump (16000 L)	1	0.25	2,450.00	612.50
Sub-Total for B-1 As Submitted				4,631.50
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				4,802.76
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				300.00
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				16.01
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
Sub-Total for F-1 As Submitted				-
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				16.01
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				1.60
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				1.28
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				0.94
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				19.84
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:


ELWICK P. ACUÑA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

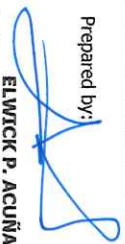
Road Wide - Primary Roads - Pagadian - Zamboanga City Road, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description : 200(1)
 Aggregate Subbase Course
 Unit of Measurement : 13,889.00 cu.m.
 Output per hour-As Submitted : 50.00
 Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Foreman	1	1	80.95	80.95
b. Unskilled Laborer	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.)
B.1				
Equipment				
a. Motorized Road Grader (140 hp), G710A	1	1	2,173.00	2,173.00
b. Vibratory Roller (10 mt), SD100C	1	1	1,846.00	1,846.00
c. Water Truck/Pump (16000 L)	1	0.25	2,450.00	612.50
Sub-Total for B-1 As Submitted				4,631.50
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				4,802.76
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				50.00
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				96.06
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
a. Aggregate Subbase Course (with 15% wastage factor)	cu.m.	1.15	824.84	948.57
Sub-Total for F-1 As Submitted				948.57
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				1,044.62
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				104.46
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				83.57
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				61.63
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				1,294.29
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

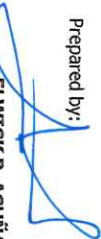

ELWICK P. ACUÑA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

Item No./Description : 300(1)
 Unit of Measurement : Gravel Surface Course
 Output per hour-As Submitted : 1,425.50 cu.m.
 Output per hour-As Evaluated : 50.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
A.1				
a. Foreman	1	1	80.95	80.95
b. Unskilled Laborer	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				
B.1				
a. Motorized Road Grader (140 hp), G710A	1	1	2,173.00	2,173.00
b. Vibratory Roller (10 mt), SD100C	1	1	1,846.00	1,846.00
c. Water Truck/Pump (16000 L)	1	0.25	2,450.00	612.50
Sub-Total for B-1 As Submitted				4,631.50
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				4,802.76
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				50.00
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				96.06
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
F.1				
a. Uncrushed Aggregate Surface Course (with 15% wastage factor)	cu.m.	1.15	842.84	969.27
Sub-Total for F-1 As Submitted				969.27
Equipment				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				1,065.32
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				106.53
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				85.23
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				62.85
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				1,319.93
K.2				
Total Unit Cost - As Evaluated				-

Prepared by: 
ELWICK P. ACUÑA
 Engineer II

Checked/Reviewed 
ISIDRA A. ESTANISLAO
 Engineer IV


Road Wide - Primary Roads - Pagadian - Zamboanga City Road - Zamboanga City

FORM-POW-2015-01D-00

Item No./Description : 311(1)a
 Unit of Measurement : Portland Cement Concrete Pavement
 Output per hour-As Submitted : 2,658.00 sq.m.
 Output per hour-As Evaluated : 107.33

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Foreman	1	1	80.95	80.95
b. Skilled Laborer	4	1	58.61	234.44
b. Unskilled Laborer	12	1	45.16	541.88
Sub-Total for A-1 As Submitted				857.26
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
B.1				
Equipment				
a. Transit Mixer (5 cu.m.)	4	1	1,318.00	5,272.00
b. Concrete Vibrator	2	1	91.25	182.50
c. Concrete Batching Plant (30 cu.m.)	1	1	1,759.50	1,759.50
d. Payloader (1.50 cu.m.), LX80-2C	1	1	1,733.00	1,733.00
e. Concrete Screeder (5.5 hp)	1	1	545.00	545.00
f. Water Truck/Pump (16000 L)	1	1	2,450.00	2,450.00
g. Concrete Saw (7.5 hp), 14" Blade dia.	1	1	32.63	32.63
h. Bar Cutter, Single Phase	1	0.1	219.75	21.98
Minor Tools 5% of Labor				42.86
Sub-Total for B-1 As Submitted				12,039.47
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				12,896.73
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				107.33
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				120.16
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
a. Reinforcing Steel Bar	kg.	0.33	38.00	12.54
b. Curing Compound	L	0.29	35.00	10.15
c. Asphalt Sealant	L	0.12	100.00	12.00
d. Steel Forms (Rental)	m.	0.46	40.00	18.40
e. Sand	cu.m.	0.0825	1,544.84	127.45
f. Gravel	cu.m.	0.15	1,344.84	201.73
g. Cement	bag	1.43	303.00	433.29
h. Concrete Saw (Diamond Blade 14" dia.)	pc.	0.00015	2,500.00	0.38
i. Pipe Sleeve, 2" dia.	m.	0.0078	61.00	0.48
j. Grease/Tar	L	0.0015	112.50	0.17
Sub-Total for F-1 As Submitted				816.57
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				936.73
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				93.67
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				74.94
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				55.27
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				1,160.61
K.2				
Total Unit Cost - As Evaluated				-

Prepared by/


ELWICK P. ACUÑA

Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO

Engineer IV

Road Widening - Primary Roads - Pagadian - Zamboanga City Road, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description : 311(1)el
 Unit of Measurement : Portland Cement Concrete Pavement
 Output per hour-As Submitted : 25,379.00 sq.m.
 Output per hour-As Evaluated : 57.50

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Foreman	1	1	80.95	80.95
b. Skilled Laborer	4	1	58.61	234.44
b. Unskilled Laborer	12	1	45.16	541.88
Sub-Total for A-1 As Submitted				857.26
Labor				
Sub-Total for A-2 As Evaluated				
A.2				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. Transit Mixer (5 cu.m.)	4	1	1,318.00	5,272.00
b. Concrete Vibrator	2	1	91.25	182.50
c. Concrete Batching Plant (30 cu.m.)	1	1	1,759.50	1,759.50
d. Payloader (1.50 cu.m.), LX80-2C	1	1	1,733.00	1,733.00
e. Concrete Screeder (5.5 hp)	1	1	545.00	545.00
f. Water Truck/Pump (16000 L)	1	1	2,450.00	2,450.00
g. Concrete Saw (7.5 hp), 14" Blade dia.	1	1	32.63	32.63
h. Bar Cutter, Single Phase	1	0.1	219.75	21.98
Minor Tools 5% of Labor				42.86
Sub-Total for B-1 As Submitted				12,039.47
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				12,896.73
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				57.50
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				224.29
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
F.1				
Materials	Unit	Quantity	Unit Cost	Amount (Php.)
a. Reinforcing Steel Bar	kg.	0.50	38.00	19.00
b. Curing Compound	L	0.29	35.00	10.15
c. Asphalt Sealant	L	0.17	100.00	17.00
d. Steel Forms (Rental)	m.	0.46	40.00	18.40
e. Sand	cu.m.	0.154	1,544.84	237.91
f. Gravel	cu.m.	0.28	1,344.84	376.56
g. Cement	bag	2.66	303.00	805.98
h. Concrete Saw (Diamond Blade 14" dia.)	pc.	0.00015	2,500.00	0.38
i. Pipe Sleeve, 2" dia.	m.	0.0078	61.00	0.48
j. Grease/Tar	L	0.0078	112.50	0.88
Sub-Total for F-1 As Submitted				1,486.72
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				1,711.01
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				171.10
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				136.88
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				100.95
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				2,119.94
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

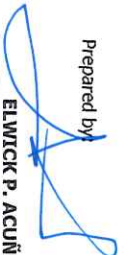

ELWICK P. ACUÑA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

Item No./Description : 404(1)a
 Unit of Measurement : Reinforcing Steel
 Output per hour-As Submitted : 17,021.50 kg.
 Output per hour-As Evaluated : 180.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Foreman	1	1	80.95	80.95
b. Skilled Laborer	2	1	58.61	117.22
b. Unskilled Laborer	8	1	45.16	361.25
Sub-Total for A-1 As Submitted				559.42
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
B.1				
a. Bar Cutter	1	0.5	219.75	109.88
b. Bar Bender	1	0.5	351.50	175.75
c. Cargo Truck (9 - 10 mt)	1	0.15	1,212.00	181.80
Sub-Total for B-1 As Submitted				467.43
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				1,026.84
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				180.00
D.2				
Output per Hour - As Evaluated				5.70
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
F.1				
a. Tie Wire (2% of RSB)	kg.	0.02	100.00	2.10
b. Reinforcing Steel Bar	kg.	1.05	38.00	39.90
(with 5% wastage)				
Sub-Total for F-1 As Submitted				42.00
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				47.70
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				4.77
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				3.82
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				2.81
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				59.11
K.2				
Total Unit Cost - As Evaluated				-

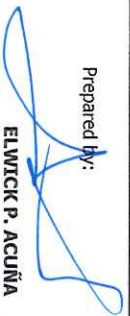
Prepared by 
ELWICK P. ACUÑA
 Engineer II

Checked/Reviewed 
ISIDRA A. ESTANISLAO
 Engineer IV


Item No./Description : 405(1)a3
 Unit of Measurement : Structural Concrete, Class "A"
 Output per hour-As Submitted : 321.50 cu.m.
 Output per hour-As Evaluated : 1.40

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Foreman	1	1	80.95	80.95
b. Skilled Laborer	4	1	58.61	234.44
c. Unskilled Laborer	8	1	45.16	361.25
Installation/Removal of Formworks				
a. Skilled Laborer	4	1	58.61	234.44
b. Unskilled Laborer	8	1	45.16	361.25
Sub-Total for A-1 As Submitted				1,272.32
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. One Bagger Mixer	1	1	219.75	219.75
b. Concrete Vibrator	1	1	351.50	351.50
c. Water Truck/Pump (16000 L)	1	0.1	1,212.00	121.20
Minor Tools 5% of Labor				63.62
Sub-Total for B-1 As Submitted				
Equipment				756.07
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				2,028.39
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.40
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				1,448.85
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Lumber, Good - 4 uses	bd.ft.	70.00	37.00	647.50
b. Marine Plywood (1/2" x 4' x 8') - 4 uses	pc.	1.60	1,100.00	440.00
c. Assorted CWN	kg.	0.70	65.00	45.50
d. Cement	bag	9.50	303.00	2,878.50
e. Sand	cu.m.	0.50	1,544.84	772.42
f. Gravel	cu.m.	1.00	1,344.84	1,344.84
Sub-Total for F-1 As Submitted				6,128.76
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				7,577.61
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				757.76
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				606.21
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				447.08
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				9,388.66
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:


ELWICK P. ACUÑA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

Item No./Description : 500(1)a1
 Pipe Culverts
 Unit of Measurement : 18.00 In.m.
 Output per hour-As Submitted : 1.00
 Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Foreman	1	0.44	80.95	35.62
b. Skilled Laborer	2	0.44	58.61	51.58
c. Unskilled Laborer	4	0.44	45.16	79.48
Sub-Total for A-1 As Submitted				166.67
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
B.1	1	0.22	1,537.00	338.14
a. Backhoe (0.80 cu.m.)				
b. Plate Compactor (5 hp)	1	0.22	123.00	27.06
Minor Tools 10% of Labor				16.67
Sub-Total for B-1 As Submitted				381.87
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				548.54
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.00
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				548.54
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
F.1	bag	0.774	303.00	234.52
a. Cement				
b. Sand	cu.m.	0.04	1,544.84	67.97
c. RC Pipes (610 mm. dia.)	pc.	1.00	1,102.00	1,102.00
d. Sand Bedding/Selected Sandy Soil	cu.m.	0.088	1,544.84	135.95
Sub-Total for F-1 As Submitted				1,540.44
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				2,088.98
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				208.90
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				167.12
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				123.25
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				2,588.24
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:


ELWICK P. ACUÑA

Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO

Engineer IV


Road Wide - Primary Roads - Pagadian - Zamboanga City Road, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description : 500(1)b3
 Pipe Culverts
 Unit of Measurement : 122.00 ln.m.
 Output per hour-As Submitted : 1.00
 Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Foreman	1	0.57	80.95	46.14
b. Skilled Laborer	2	0.57	58.61	66.81
c. Unskilled Laborer	4	0.57	45.16	102.96
Sub-Total for A-1 As Submitted				215.91
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
B.1				
Equipment				
a. Backhoe (0.80 cu.m.)	1	0.29	1,537.00	445.73
b. Plate Compactor (5 hp)	1	0.29	123.00	35.67
Minor Tools 10% of Labor				21.59
Sub-Total for B-1 As Submitted				502.99
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				718.90
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.00
D.2				
Output per Hour - As Evaluated				718.90
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Cement	bag	1.08	303.00	327.24
b. Sand	cu.m.	0.06	1,544.84	94.24
c. RC Pipes (910 mm. dia.)	pc.	1.00	1,665.00	1,665.00
d. Sand Bedding/Selected Sandy Soil	cu.m.	0.13	1,544.84	197.74
Sub-Total for F-1 As Submitted				2,284.21
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				3,003.12
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				300.31
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				240.25
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				177.18
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				3,720.86
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

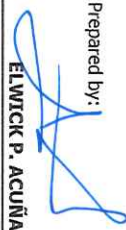

ELWICK P. ACUÑA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

Item No./Description : 500(1)b5
 Pipe Culverts
 Unit of Measurement : 14.00 ln.m.
 Output per hour-As Submitted : 1.00
 Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Foreman	1	0.8	80.95	64.76
b. Skilled Laborer	2	0.8	58.61	93.77
c. Unskilled Laborer	4	0.8	45.16	144.50
Sub-Total for A-1 As Submitted				303.04
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. Backhoe (0.80 cu.m.)	1	0.4	1,537.00	614.80
b. Plate Compactor (5 hp)	1	0.4	123.00	49.20
Minor Tools 10% of Labor				30.30
Sub-Total for B-1 As Submitted				694.30
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				997.34
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.00
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				997.34
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Cement	bag	1.40	303.00	425.41
b. Sand	cu.m.	0.08	1,544.84	123.59
c. RC Pipes (1220 mm. dia.)	pc.	1.00	4,455.00	4,455.00
d. Sand Bedding/Selected Sandy Soil	cu.m.	0.17	1,544.84	262.62
Sub-Total for F-1 As Submitted				5,266.62
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				6,263.96
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				626.40
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				501.12
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				369.57
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				7,761.05
K.2				
Total Unit Cost - As Evaluated				-

Prepared by: 
ELWICK P. ACUÑA
 Engineer II

Checked/Reviewed: 
ISIDRA A. ESTANISLAO
 Engineer IV

Item No./Description : 500(1)b6
 Unit of Measurement : Pipe Culverts
 Output per hour-As Submitted : 28.00 In.m.
 Output per hour-As Evaluated : 1.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Foreman	1	1	80.95	80.95
b. Skilled Laborer	2	1	58.61	117.22
c. Unskilled Laborer	4	1	45.16	180.63
Sub-Total for A-1 As Submitted				378.79
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. Backhoe (0.80 cu.m.)	1	0.5	1,537.00	768.50
b. Plate Compactor (5 hp)	1	0.5	123.00	61.50
Minor Tools 10% of Labor				37.88
Sub-Total for B-1 As Submitted				867.88
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				1,246.67
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.00
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				1,246.67
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Cement	bag	1.71	303.00	518.13
b. Sand	cu.m.	0.097	1,544.84	149.85
c. RC Pipes (1520 mm. dia.)	pc.	1.00	6,285.00	6,285.00
d. Sand Bedding/Selected Sandy Soil	cu.m.	0.21	1,544.84	324.42
Sub-Total for F-1 As Submitted				7,277.40
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				8,524.07
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				852.41
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				681.93
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				502.92
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				10,561.32
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:


ELWICK P. ACUÑA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV


Road Wide - Primary Roads - Pagadian - Zamboanga City Road, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description : 502(3)a1
 Unit of Measurement : Catch Basin
 Output per hour-As Submitted : 6.00 each
 Output per hour-As Evaluated : 1.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Foreman	1	6.5	80.95	526.18
b. Skilled Laborer	2	6.5	58.61	761.91
c. Unskilled Laborer	4	6.5	45.16	1,174.06
Sub-Total for A-1 As Submitted				2,462.16
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. One Bagger Mixer	1	2	172.00	344.00
b. Water Truck	1	2	2,450.00	4,900.00
c. Concrete Vibrator	1	2	91.25	182.50
d. Bar Cutter	1	0.25	219.75	54.94
e. Bar Bender	1	0.25	87.88	21.97
Minor Tools 10% of Labor				246.22
Sub-Total for B-1 As Submitted				5,815.53
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				8,277.69
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.00
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				8,277.69
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Cement	bag	17.70	303.00	5,363.10
b. Sand	cu.m.	0.79	1,544.84	1,220.42
c. Gravel	cu.m.	1.57	1,344.84	2,111.40
d. 1/4" Ordinary Plywood - 2 uses	pc.	7.43	450.00	1,671.75
e. Coco Lumber - 2 uses	bd.ft.	78.31	13.00	509.02
f. 10 mm. dia. Reinforcing Bar	kg.	125.15	38.00	4,755.70
g. #16 G.I. Tie Wire	kg.	2.50	100.00	250.30
h. Assorted CWN	kg.	0.78	105.00	82.22
Sub-Total for F-1 As Submitted				15,963.90
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				24,241.59
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				2,424.16
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				1,939.33
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				1,430.25
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				30,035.33
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:


ELWICK P. ACUÑA
 Engineer II


Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

Item No./Description : 502(4)a1
 Concrete Cover
 Unit of Measurement : 6.00 each
 Output per hour-As Submitted : 5.00
 Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Foreman	1	1	80.95	80.95
b. Skilled Laborer	2	1	58.61	117.22
c. Unskilled Laborer	4	1	45.16	180.63
Sub-Total for A-1 As Submitted				378.79
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. One Bagger Mixer	1	0.5	172.00	86.00
b. Bar Cutter	1	0.5	219.75	109.88
c. Concrete Vibrator	1	0.5	91.25	45.63
d. Welding Machine (300 A), Gas/Diesel Driven	1	0.25	371.00	92.75
e. Water Truck	1	0.05	2,450.00	122.50
Minor Tools 10% of Labor				37.88
Sub-Total for B-1 As Submitted				494.63
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				873.42
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				5.00
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				174.68
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Cement	bag	1.43	303.00	433.29
b. Sand	cu.m.	0.075	1,544.84	115.86
c. Gravel	cu.m.	0.15	1,344.84	201.73
d. Reinforcing Steel Bar	kg.	46.46	38.00	1,765.48
e. #16 G.I. Tie Wire	kg.	0.93	100.00	93.00
f. 6 mm. Flat Bar	kg.	73.58	48.00	3,531.84
g. 16 mm. thk. Steel Plate	kg.	2.97	47.00	139.59
h. 1/2" Ordinary Plywood - 2 uses	pc.	0.33	820.00	135.30
i. 16 mm. dia. U-bolt & Nut	set	2.00	150.00	300.00
j. Welding Rod (1 kg./2000 kg. of Steel)	kg.	0.04	163.00	6.52
Sub-Total for F-1 As Submitted				6,722.61
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				6,897.29
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				689.73
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				551.78
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				406.94
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				8,545.75
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:



ELWICK P. ACUÑA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

Item No./Description : 503(1)
 Unit of Measurement : Metal Frame & Grating
 Output per hour-As Submitted : 6.00 each
 Output per hour-As Evaluated : 1.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Foreman	1	0.5	80.95	40.48
b. Skilled Laborer	1	0.5	58.61	29.30
c. Unskilled Laborer	1	0.5	45.16	22.58
Sub-Total for A-1 As Submitted				92.36
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
B.1				
Equipment				
Minor Tools 10% of Labor				9.24
Sub-Total for B-1 As Submitted				9.24
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				101.59
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				1.00
D.2 Output per Hour - As Evaluated				
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				101.59
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
F.1				
Materials				
a. 410 mm x 600 mm x 600 mm CI Cover with Frame	set	1.00	4,700.00	4,700.00
Sub-Total for F-1 As Submitted				4,700.00
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				4,801.59
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				480.16
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1 Contractor's Profit - As Submitted				384.13
I.2 Contractor's Profit - As Evaluated				-
J.1 Value Added Tax - As Submitted				283.29
J.2 Value Added Tax - As Evaluated				-
K.1 Total Unit Cost - As Submitted				5,949.17
K.2 Total Unit Cost - As Evaluated				-

Prepared by

ELWICK P. ACUÑA
 Engineer II


Checked/Reviewed

ISIDRA A. ESTANISLAO
 Engineer IV

Item No./Description : 505(2)a
 Unit of Measurement : Grouted Riprap, Class "A"
 Output per hour-As Submitted : 1,861.50 cu.m.
 Output per hour-As Evaluated : 1.25

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Foreman	1	1	80.95	80.95
b. Skilled Laborer	2	1	58.61	117.22
c. Unskilled Laborer	8	1	45.16	361.25
Sub-Total for A-1 As Submitted				559.42
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity				
	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
B.1				
Equipment				
a. One Bagger Mixer	1	1	172.00	172.00
b. Water Truck(Pump (16000 L)	1	0.05	2,450.00	122.50
Minor Tools	10%			55.94
Sub-Total for B-1 As Submitted				350.44
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				909.86
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.25
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				727.89
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification				
	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
a. Cement	bag	3.00	303.00	909.00
b. Sand	cu.m.	0.25	1,544.84	386.21
c. Gravel	cu.m.	0.15	1,344.84	201.73
d. Weep Holes (PVC)	m.	0.30	4,700.00	1,410.00
e. Filter Cloth	sq.m.	0.015	160.00	2.40
f. Boulder	cu.m.	1.05	1,244.84	1,307.08
Miscellaneous	1% of Material Cost			42.16
Sub-Total for F-1 As Submitted				4,258.58
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				4,986.47
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				498.65
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				398.92
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				294.20
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				6,178.24
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:


ELWICK P. ACUÑA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

Item No./Description : 506(1)
 Unit of Measurement : Stone Masonry
 Output per hour-As Submitted : 141.50 cu.m.
 Output per hour-As Evaluated : 1.60

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Foreman	1	1	80.95	80.95
b. Skilled Laborer	2	1	58.61	117.22
c. Unskilled Laborer	8	1	45.16	361.25
Sub-Total for A-1 As Submitted				559.42
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. One Bagger Mixer	1	1	172.00	172.00
b. Water Truck/Pump (16000 l)	1	0.05	2,450.00	122.50
c. Backhoe (Wheel Type, 0.28 cu.m.)	1	0.1	922.00	92.20
Minor Tools 10% of Labor				55.94
Sub-Total for B-1 As Submitted				442.64
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				1,002.06
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.60
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				626.29
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Cement	bag	5.50	303.00	1,666.50
b. Sand	cu.m.	0.30	1,544.84	463.45
c. Gravel	cu.m.	0.20	1,344.84	268.97
F.1				
d. Weep Holes (PVC)	m.	0.02	4,700.00	94.00
e. Filter Cloth	sq.m.	0.30	160.00	48.00
f. Boulder	cu.m.	1.05	1,244.84	1,307.08
Miscellaneous 1% of Material Cost				38.48
Sub-Total for F-1 As Submitted				3,886.48
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				4,512.77
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				451.28
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				361.02
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				266.25
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				5,591.32
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed


ELWICK P. ACUÑA
 Engineer II


ISIDRA A. ESTANISLAO
 Engineer IV

Road Wide - Primary Roads - Pagadian - Zamboanga City Road - Zamboanga City


Zamboanga City

FORM-POW-2015-01D-00

Item No./Description : 600(3)
 Concrete Curb & Gutter
 Unit of Measurement : 122.00 ln.m.
 Output per hour-As Submitted : 10.30
 Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Foreman	1	1	80.95	80.95
b. Skilled Laborer	4	1	58.61	234.44
c. Unskilled Laborer	8	1	45.16	361.25
Sub-Total for A-1 As Submitted				676.64
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. Concrete Vibrator	1	1	91.25	91.25
b. One Bagger Mixer	1	1	172.00	172.00
c. Water Truck/Pump (16000 L)	1	0.05	2,450.00	122.50
Minor Tools 10% of Labor				67.66
Sub-Total for B-1 As Submitted				453.41
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				1,130.05
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				10.30
D.2				
Output per Hour - As Evaluated				109.71
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Cement	bag	1.29	303.00	390.87
b. Sand	cu.m.	0.07	1,544.84	108.14
c. Gravel	cu.m.	0.14	1,344.84	188.28
d. Ordinary Plywood 1/2" x 4' x 8' - 4 uses	m.	0.24	820.00	49.20
e. Form Lumber - 4 uses	sq.m.	11.47	37.00	106.10
f. Assorted GWN (1 kg./1000 bd.ft. of Lumber)	cu.m.	0.11	65.00	7.15
Miscellaneous 2% of Material Cost				16.99
Sub-Total for F-1 As Submitted				866.73
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				976.44
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				97.64
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				78.12
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				57.61
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				1,209.81
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:


ELWICK P. ACUÑA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

Road Wide - Primary Roads - Pagadian - Zamboanga City Road, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description : 601(1)
 Unit of Measurement : Sidewalk
 Output per hour-As Submitted : 244.00 In.m.
 Output per hour-As Evaluated : 20.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Foreman	1	1	80.95	80.95
b. Skilled Laborer	4	1	58.61	234.44
c. Unskilled Laborer	12	1	45.16	541.88
Sub-Total for A-1 As Submitted				857.26
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				
a. One Bagger Mixer	1	1	172.00	172.00
b. Concrete Vibrator	1	1	91.25	91.25
c. Water Truck/Pump (16000 L)	1	0.125	2,450.00	306.25
d. Concrete Saw	1	1	32.63	32.63
Minor Tools 10% of Labor				85.73
Sub-Total for B-1 As Submitted				687.86
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				1,545.12
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				20.00
D.2 Output per Hour - As Evaluated				
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				77.26
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Curing Compound	L	0.29	35.00	10.15
b. Asphalt Sealant	L	0.12	100.00	12.00
c. Forms	m.	0.46	40.00	18.40
d. Sand	cu.m.	0.055	1,544.84	84.97
e. Gravel	cu.m.	0.10	1,344.84	134.48
f. Cement	bag	0.95	303.00	287.85
Sub-Total for F-1 As Submitted				547.85
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				625.11
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				62.51
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1 Contractor's Profit - As Submitted				50.01
I.2 Contractor's Profit - As Evaluated				-
J.1 Value Added Tax - As Submitted				36.88
J.2 Value Added Tax - As Evaluated				-
K.1 Total Unit Cost - As Submitted				774.51
K.2 Total Unit Cost - As Evaluated				-

Prepared by:


ELWICK P. ACUÑA

Engineer II

Checked/Reviewed

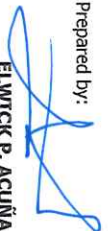

ISIDRA A. ESTANISLAO

Engineer IV

Item No./Description : 605(2)22
 Unit of Measurement : Regulatory Signs (R5-4C)
 Output per hour-As Submitted : 2.00 each
 Output per hour-As Evaluated : 1.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Foreman	1	1	80.95	80.95
b. Skilled Laborer	1	1	58.61	58.61
c. Unskilled Laborer	2	1	45.16	90.31
Sub-Total for A-1 As Submitted				229.87
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
B.1				
Equipment				
a. Cargo Truck (2 - 5 mt.)	1	0.25	783.00	195.75
Minor Tools 10% of Labor				22.99
Sub-Total for B-1 As Submitted				218.74
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				448.61
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.00
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				448.61
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
a. Cement	bag	1.32	303.00	399.96
b. Sand	cu.m.	0.07	1,544.84	112.77
c. Gravel	cu.m.	0.15	1,344.84	195.00
d. Form Lumber, Good - 4 uses	bd.ft.	8.00	37.00	74.00
e. 75 mm. dia. GI Pipe	m.	3.10	388.00	1,202.80
f. Plate	kg.	2.00	47.00	94.00
g. Bolts, 5 mm. dia.	pc.	12.00	21.00	252.00
h. Sign Face, 3 mm. thk. Aluminum Sheet	pc.	1.00	7,150.00	7,150.00
i. Assorted CWN	kg.	0.08	65.00	5.20
Sub-Total for F-1 As Submitted				9,485.74
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				9,934.34
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				993.43
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				794.75
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				586.13
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				12,308.65
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:


ELWICK P. ACUÑA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

Road Wide - Primary Roads - Pagadian - Zamboanga City Road, Zamboanga City

FORM-POW-2015-010-00

Item No./Description : 611(1)
 Unit of Measurement : Trees (Furnishing & Transplanting)
 Output per hour-As Submitted : 285.00 each
 Output per hour-As Evaluated : 1.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
A.1 Foreman	1	1	80.95	80.95
b. Skilled Laborer	1	1	58.61	58.61
c. Unskilled Laborer	2	1	45.16	90.31
Sub-Total for A-1 As Submitted				229.87
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. Cargo Truck (2 - 5 mt.)	1	1	783.00	783.00
b. Backhoe (0.80 cu.m.)	1	1	1,537.00	1,537.00
c. Water Truck/Pump (16000 L)	1	0.5	2,450.00	1,225.00
Minor Tools 10% of Labor				22.99
Sub-Total for B-1 As Submitted				3,567.99
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				3,797.86
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				1.00
D.2 Output per Hour - As Evaluated				
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				3,797.86
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Trees (Delivered at Site)	pc.	1.00	33.00	33.00
b. Fertilizers	kg.	3.00	26.00	78.00
c. Bamboo Pole	pc.	3.00	10.00	30.00
d. Polyethylene	sq.m.	3.00	40.00	120.00
e. Tie Wire	kg.	0.25	100.00	25.00
Sub-Total for F-1 As Submitted				286.00
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				4,083.86
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				408.39
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1 Contractor's Profit - As Submitted				326.71
I.2 Contractor's Profit - As Evaluated				-
J.1 Value Added Tax - As Submitted				240.95
J.2 Value Added Tax - As Evaluated				-
K.1 Total Unit Cost - As Submitted				5,059.90
K.2 Total Unit Cost - As Evaluated				-

Prepared by:


ELWICK P. ACUÑA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV


Road Wide - Primary Roads - Pagadian - Zamboanga City Road, Zamboanga City

FORM-POW-2015-01D-00

Item No./Description : 612(1)
 Unit of Measurement : ReflectORIZED Thermoplastic Pavement Markings (White)
 Output per hour-As Submitted : 1,091.00 sq.m.
 Output per hour-As Evaluated : 25.00

	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1	Labor				
	a. Foreman	1	1	80.95	80.95
	b. Skilled Laborer	2	1	58.61	117.22
	c. Unskilled Laborer	6	1	45.16	270.94
	Sub-Total for A-1 As Submitted				469.11
A.2	Labor				
	Sub-Total for A-2 As Evaluated				
	Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
B.1	Equipment				
	a. Cargo Truck (2 - 5 mt.)	1	1	783.00	783.00
	b. Applicator Machine	1	1	93.75	93.75
	c. Kneading Machine	1	1	187.50	187.50
	Minor Tools 10% of Labor				46.91
	Sub-Total for B-1 As Submitted				1,111.16
	Equipment				
B.2					
	Sub-Total for B-2 As Evaluated				
C.1	Total (A.1+B.1) - As Submitted				1,580.27
C.2	Total (A.2+B.2) - As Evaluated				-
D.1	Output per Hour - As Submitted				25.00
D.2	Output per Hour - As Evaluated				
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				63.21
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
F.1	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
	Materials				
	a. Thermoplastic Paint (White)	bag	0.33	1,585.00	515.13
	b. Glass Beads	bag	0.03	2,500.00	82.50
	c. Primer	L	0.12	160.00	19.20
	d. LPG (50 kg.)	cyl.	0.00	3,450.00	13.80
	e. LPG (12 kg.)	cyl.	0.00	828.00	1.66
	f. Calsumine	kg.	0.13	100.00	12.50
	Miscellaneous 5% of Material Cost				32.24
	Sub-Total for F-1 As Submitted				677.02
F.2	Materials				
	Sub-Total for F-2 As Evaluated				
G.1	Direct Unit Cost (E.1+F.1) - As Submitted				740.23
G.2	Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				74.02
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1	Contractor's Profit - As Submitted				59.22
I.2	Contractor's Profit - As Evaluated				-
J.1	Value Added Tax - As Submitted				43.67
J.2	Value Added Tax - As Evaluated				-
K.1	Total Unit Cost - As Submitted				917.15
K.2	Total Unit Cost - As Evaluated				-

Prepared by:


ELWICK P. ACUÑA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

UNIT COST ANALYSIS FOR HAULING COST FOR PORTLAND CEMENT

TOTAL QUANTITY REQUIREMENTS FOR PORTLAND CEMENT

DESCRIPTION	QUANTITY (Bags)
Construction of Field Office for the Engineer	135.00
Portland Cement Concrete Pavement	3,800.94
Portland Cement Concrete Pavement	67,508.14
Structural Concrete, Class "A"	3,054.25
Pipe Culverts	13.93
Pipe Culverts	131.76
Pipe Culverts	19.66
Pipe Culverts	47.88
Catch Basin	106.20
Concrete Cover	8.58
Grouted Riprap, Class "A"	5,584.50
Stone Masonry	778.25
Concrete Curb & Gutter	157.38
Sidewalk	231.80
Regulatory Signs (RS-4C)	2.64
T O T A L	81,580.91

Quantity = **81,580.91** Bags

Delivery Charge = P 0.120 / bag / km.

S I T E	HAULING DISTANCE
Zamboanga City DEO	17.00
Batching plant	

*Average hauling distance from Source to assumed Stockpiling area :
say 17.00 km.

$$\text{Delivery Charge} = P \quad 0.120 \quad \times \quad 17.00 \\ = P \quad \mathbf{2.04} \quad / \text{bag}$$

*Delivery Truck : 81,580.91 bags. (hauling works)
20,000.00 kgs. (capacity per haul)
or 500.00 bags. (capacity per haul)

*Capacity of Laborers unloading bags of Cement from Delivery Truck :
Assume (10) laborers can unload 500.00 bags of Cement.

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

Speed when loaded	:	30.00	kph
Speed when unloaded	:	40.00	kph
Loaded running	=	$\frac{17.00}{30.00} \times 60$	= 34.00 mins.
Unloaded running	=	$\frac{17.00}{40.00} \times 60$	= 25.50 mins.
Loading and Unloading allowance for delay/traffic	:	45.00 mins.	
Capacity of Dumpruck	:	3.00 mins.	
	:	8.00 cu.m.	
	:	500.00 bags	
	:	107.50 mins.	
Total Cycle time	=	$8.0 \times \frac{60.00}{107.50}$	= 4.47 say 4.47 trip
No. of trips for Dumpruck per day	=	500 x 4.47	= 2,232.56 cum.
Dumpruck daily output	=	500 x 4.47	= 2,232.56 cum.
Using (3) Dumprucks	=	3 x 2,232.56	= 6,697.67 cum.

- No. of days for Delivery Truck = $\frac{81,580.91}{6,697.67}$ = 12.18 say 12.18 days
- No. of days for Labor. for unloading = complimentary to D. Truck days = 12.18 days

Ad

DELIVERY COST :

81,580.91 - Bags, Portland Cement	@ P 2.04	/ bag	= P	
Sub - Total				<u>P 166,425.05</u>

LABOR :

1 - Foreman	@ P	611.92 /day	x 12.18 days = P	7,453.48
10 - Laborers, unloading	@ P	342.24 /day	x 12.18 days = P	41,686.48
Sub - Total				<u>P 49,139.97</u>

MATERIALS :

81,580.91 - Bags, Portland Cement	@ P 300.00	/ bag	= P	<u>24,474,272.40</u>
Sub - Total				<u>P 24,474,272.40</u>

Estimated Quantity	81,580.91 Bags			
Unit Cost	P 302.64 / Bag,	say	P 303.00 / Bag	
Grand Total	P 24,689,837.42			
Delivery Cost	P 166,425.05			
Labor	P 49,139.97			
Materials	P 24,474,272.40			

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UNIT COST ANALYSIS FOR HAULING COST FOR ALL AGGREGATES

Hauling Cost from the Quarry to Batchling plant

Item No. :	ALL AGGREGATES	Terrain :	Flat to Rolling
Quantity :	1,000.00	Unit :	cu.m.
		Hauling Distance :	5.00 km.
		Effective Working Hours :	8.00 hrs.

Hauling: Using 10.00 cu.m.capacity Dumptruck

Weight of Dumptruck (cap. 10.00 cu.m.) : 16,000.00 kgs.

Unit weight of Fine Aggregates : 1,640.00 kg/m³

Unit weight of Coarse Aggregates : 1,534.00 kg/m³

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
Speed when unloaded	:	40.00	kph
Loaded running	=	$\frac{5.00 \times 60}{30.00}$	= 10.00 mins.
Unloaded running	=	$\frac{5.00 \times 60}{40.00}$	= 7.50 mins.
Loading and Unloading allowance for delay/traffic	:	5.00	mins.
Capacity of Dumptruck	:	3.00	mins.
Total Cycle time	:	10.00	cu.m.
	:	25.50	mins.
No. of trips for Dumptruck per day	=	$\frac{8 \times 60.00}{25.50}$	= 18.82 say 18.82 trips
Dumptruck daily output	=	10 x 18.82	= 188.24 cu.m.
Using (5) Dumptrucks	=	5 x 188.24	= 941.18 cu.m.

$$1. \text{ No. of days for Dumptrucks } = \frac{1,000.00}{941.18} = 1.06 \text{ say } 1.06 \text{ days}$$

EQUIPMENT USED : (2009 ACEL RATES)

5	- Unit Dumptruck	@ P 11,360.00 /day	x 1.06 days = P	60,350.00
			Sub - Total	60,350.00

Estimated Quantity 1,000.00 cu.m.

Unit Cost P 12.07 /cu. m./km. (Unit Cost, Hauling per cu.m.per km.)

Grand Total P 60,350.00

Equipment P 60,350.00

Labor P

Materials P

	Hauling Distance	Unit Cost per cu.m./km.	Hauling Cost per cu.m.	Unit Price	Unit Cost per cu.m.
Cost of Fine Aggregates:	12.00 x	12.07 =	144.84 +	1,400.00 =	1,544.84
Cost of Coarse Aggregates:	12.00 x	12.07 =	144.84 +	1,200.00 =	1,344.84
Cost of Item 200 Materials:	12.00 x	12.07 =	144.84 +	680.00 =	824.84
Cost of Item 300 Materials:	12.00 x	12.07 =	144.84 +	698.00 =	842.84
Cost of Boulders:	12.00 x	12.07 =	144.84 +	1,100.00 =	1,244.84
Cost of Embankment, Common Borrow:	5.00 x	12.07 =	60.35 +	328.00 =	388.35

AN