

### ZONAL OFFICE IX DPWH.

### PROGRAM OF WORK/BUDGET COST

								FORM POW-2015-01-00
Project	:	Road Widening - Primary Roads, Pagadian City - Zamboanga City Road	Net Length	:	(a) Road	4,	132.00 ln.m	8.26 lane km
					(b) Bridge		ln.m	
					(c) Others		ln.m	(Approaches)
Project ID	:		Target Start Date	:	_			
Location	:	Zamboanga City	Total Project Duration	:		220	Calendar Days	
Station Limits	:	1854+800.00 - 1857.482.00, 1857+528.00 - 1858+978.00	No. of Pre-determined	:	(A)	28	Calendar Days	
Source of Funds	:	CY-2019	Unworkable Days	:		23	Calendar Days	
			Table 1 (1) Table					

	DESCRIPTION OF WORKS TO BE DONE	OHABITTO			AS SUBMITTED		AS EVALUATED
	DESCRIPTION OF WORKS TO BE DONE	QUANTITY	UNIT	% TOTAL	TOTAL DIRECT COST	% TOTAL	TOTAL DIRECT COST
PART	A: Facilities for the Engineers			0.97%	980,082.48		
	B: Other General Requirements			1.12%	1,135,941.99		
	C: Earthworks			8.72%	8,816,990.65	**************************************	***************************************
	D: Subbase and Base Course			25.76%	26,042,944.97		
	E: Surface Courses			57.72%	58,349,507.57		
	F: Bridge Construction			0.00%	<u> </u>		
	G: Drainage and Slope Protection Structures			4.80%	4,851,402.68		
	H: Miscellaneous Structure			0.91%	917,886.10		

100.00%

101,094,756.43

### EQUIPMENT:

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

### BREAKDOWN OF EXPENDITURES:

	AS SUBMITTED	AS EVALUATED
1. Labor	1,638,056.45	
2. Materials	82,167,765.89	
3. Rental of Equipment	17,288,934.10	
4. Provisional Sum/Daywork	(#) T	
5. OCM and Profit	17,974,468.22	
6, Value Added Tax	5,953,461.23	
7. EAO, 3.5%	4,375,794.01	
8. RROW Acquisition	10,000,000.00	
9. Physical Reseved (Contigency)	601,520.11	
10. TOTAL ESTIMATED COST	140,000,000.00	

	AS SUBMITTED	AS EVALUATED
A. Total Direct Cost	101,094,756.43	
B. OCM and Profit	17,974,468.22	
C. Value Added Tax	5,953,461.23	
D. Total Construction Cost	-	
E. Eng'g. & Administrative Overhead	4,375,794.01	
F. RROW Acquisition	10,000,000.00	
G. Physical Reserved (Contingency)	601,520.11	
H. TOTAL ESTIMATED COST	140,000,000.00	

Preparation and Submission:

Prepared by:

ELWICK P. ACUÑA

Engineer II

Maintenance Division

Checked/Submitted by:

Engineer IV

Maintenance Division

**Evaluation:** 

Reviewed by:

SATURNING C. TORREFRANCA

District Engineer

Planning & Design Division

Approval:

Recommending Approval

KHADAFPY D TANGGOL

Approved:

Reg onal Director



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

FORM POW-2015-01A-00

### ITEMIZED BREAKDOWN

						DIRECT	UNIT COST  AS SUBMITTED		TOTAL U	NIT COST	% DIRECT
ITEM NO.	DESCRIPTION	QUAI	YTITY	UNIT	TOTA	AL	UNIT	COST	то	TAL	COST
		AS SUBMITTED	AS EVALUATED		AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS EVALUATED
PART A	Facilities for the Engineers							+			
A.1.1(3)	Construction of Field Office for the Engineer	1.00		L.S.	436,827.75		436,827.75		541,229.58		0.43%
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.	291,673.33		291,673.33		330,757.56		0.29%
A.1.2(5)	Operation and Maintenance of 4 x 4 Pick-Up Type Service Vehicle for the Engineer	7.33		month	251,581.40		34,306.55		36,021.88		0.25%
	TOTAL OF PART A				980,082.48						0.97%
PART B	Other General Requirements										
B.4(1)	Construction Survey & Staking	4.13		km.	178,560.53		43,214.07		53,542.23		0.18%
B.5	Project Billboard/Signboard	4.00		each	18,337.96		4,584.49		5,680.18		0.02%
B.7	Occupation Safety & Health	7.33		month	261,148.50		35,611.16		40,383.05		0.26%
B.9	Mobilization & Demobilization	1.00		L.S.	677,895.00		677,895.00		711,789.75		0.67%
	TOTAL OF PART B				1,135,941.99						1.12%
PART C	Earthworks									Mary and the	
101(2)	Removal of Structure/Obstructions	22.00		each	11,886.39		540.29		669.42		0.01%
101(4)a1	Removal of Structure/Obstructions	9.50		ln.m.	3,510.59		369.54		457.85		0.00%
101(8)	Removal of Existing Guardrails	1,057.50		ln.m.	41,097.82		38.86		48.15		0.04%
101(9)	Removal of Existing Guardrail Posts	431.00	37.01	each	41,875.08		97.16		120.38		0.04%
102(2)	Surplus Common Excavation	24,851.66		cu.m.	3,551,153.16		142.89		177.05		3.51%
103(1)a	Structure Excavation	652.00		cu.m.	150,451.02		230.75		285.90		0.15%
103(3)	Foundation Fill	15.00		cu.m.	40,824.22		2,721.61		3,372.08		0.04%
103(6)a	Pipe Culverts and Drain Excavation	192.00		cu.m.	44,304.60		230.75		285.90		0.04%
104(1)a	Embankment from Roadway Excavation	18,653.50		cu.m.	4,307,120.26		230.90		286.09		4.26%
105(1)a	Subgrade Preparation	39,025.50		cu.m.	624,767.52		16.01		19.84		0.62%
	TOTAL OF PART C				8,816,990.65						8.72%
PART D	Subbase and Base Course										
200(1)	Aggregate Subbase Course	15,865.50		cu.m.	26,042,944.97		1,641.48		2,033.80		25.76%
	TOTAL OF PART D				26,042,944.97						25.76%



						DIRECT	COST		TOTAL U	NIT COST	% DIRECT
ITEM NO.	DESCRIPTION	QUAI	ALILA	UNIT	тот	AL	UNIT	COST	TO'	TAL	COST
		AS SUBMITTED	AS EVALUATED		AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS EVALUATED
PARTE	Surface Courses				45 C PASS 4000						
300(1)	Gravel Surface Course	1,845.00		cu.m.	3,066,727.22		1,662.18		2,059.44		3.03%
311(1)a	Portland Cement Concrete Pavement	1,160.00		są.m.	1,236,541.75		1,065.98		2,418.80		1.22%
311(1)e1	Portland Cement Concrete Pavement	27,684.50		sq.m.	54,046,238,59		1,952.22		2,418.80		53.46%
	TOTAL OF PART E				58,349,507.57						57.72%
PART G	Drainage and Slope Protection Structures		(#/48) (#/V		6.75.886666.60		GONT PARTY TO SE	18/5/8/5/6		ni viiris (e tiv	
404(1)a	Reinforcing Steel, Grade 40	14,079.00		kg.	671,634.30		47.70		59.11		0.66%
405(1)a3	Structural Concrete, Class "A"	348.00		cu.m.	2,927,766.83		8,413.12		10,423.86		2.90%
500(1)b3	Pipe Culverts	129.00		ln.m.	400,892.18		3,107.69		3,850.43		0.40%
505(2)a	Grouted Riprap, Class "A"	49.00		cu.m.	208,196.73		4,248.91		5,264.40		0.21%
506(1)	Stone Masonry	119.50		cu.m.	642,912.64		5,380.02		6,665.85		0.64%
	TOTAL OF PART G				4,851,402.68						4.80%
PART H	Miscellaneous Structure			es. 644 es 2006 é de 1530 é 1530 é						TE CONTRACT	
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	1,240.00		sq.m.	917,886.10		740.23		917.15		0.91%
•	TOTAL OF PART H				917,886.10						0.91%
	GRAND TOTAL				101,094,756.43						100.00%





### Road Widening - Prima

ads, Pagadian City - Zamboanga City Road Zamboanga City

FORM POW-2015-01B-00

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			10 %
9	Transit Mixer	5-6 cu. Yd	4	34			
10	Concrete Screeder	2	1	35			2.
11	Concrete Vibrator		2	36			
12	Concrete Cutter		2	37		E	
13	Bar Cutter		1	. 38			
14	Bar Bender	1	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	<u> </u>		
19	Applicator Machine		1	44			
20	Kneading Machine		1	45			
21			ř.	46			
22	0			47			
23				48			
24				49			
25				50			
	SUB-TOTAL		45	**	SUB-TOTAL		0





DP EGIONAL OFFICE IX

### Road Widening - Primary ....ads, Pagadian City - Zamboanga City Road Zamboanga City

9167067600

FORM POW-2015-01C-00

						TIEMIZED	BREAKDOWN						
							DETAI	LED BREAKDOWN	OF COMPONENT CO	- STANSAN STANSAN STANSAN	22-112-12-12-12-12-12-12-12-12-12-12-12-		
ITEM NO.	DESCRIPTION		%	QTY	UNIT		DIRECT	COST			L MARK-UP	5% VAT	TOTAL COST
			,,	· · ·	V	MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE		
PART A	Facilities for the Engineers												
A.1.1(3)	Construction of Field Office for the Engineer	AS EVALUATED											
	onstation of flow office for the Linguistics	AS SUBMITTED	0.43%	1.00	L.S.	359,442.45	45,026.64	32,358.66	436,827.75	18.00%	78,628.99	25,772.84	541,229.5
A.1.1(11)	Provision of Provision of Furnitures/Fixtures, Equipment and	AS EVALUATED											
/(12)	Appliances for the Field Office for the Field Engineer	AS SUBMITTED	0.29%	1.00	L.S.	291,673.33	-	U.M.	291,673.33	8.00%	23,333.87	15,750.36	330,757.5
A.1.2(5)	Operation and Maintenance of 4 x 4 Pick-Up Type Service	AS EVALUATED											
,,,,,,	Vehicle for the Engineer	AS SUBMITTED	0.25%	7.33	month	148,430.00	103,151.40	). <b>=</b> (	251,581.40	0.00%	• •	12,579.07	264,160.4
	TOTAL OF PART A	AS EVALUATED											
	TOTALOFFACIA	AS SUBMITTED	0.97%			799,545.78	148,178.04	32,358.66	980,082.48		101,962.86	54,102.27	1,136,147.6
PART B	Other General Requirements			een var sinsa v									
D 4/43	Construction Communication	AS EVALUATED											
B.4(1)	Construction Survey & Staking	AS SUBMITTED	0.18%	4.13	km.	45,555.30	111,522.94	21,482.29	178,560.53	18.00%	32,140.90	10,535.07	221,236.5
		AS EVALUATED											
B.5	Project Billboard/Signboard	AS SUBMITTED	0.02%	4.00	each	14,660.00	3,677.96	•	18,337.96	18.00%	3,300.83	1,081.94	22,720.7
(/al/al/		AS EVALUATED											
B.7	Occupation Safety & Health	AS SUBMITTED	0.26%	7.33	month	26,760.00	174,388.50	60,000.00	261,148.50	8.00%	20,891.88	14,102.02	296,142.4
000000	CONTRACTOR OF THE CONTRACTOR O	AS EVALUATED											
B.9	Mobilization & Demobilization	AS SUBMITTED	0.67%	1.00	L.S.		-	677,895.00	677,895.00	0.00%		33,894.75	711,789.7
		AS EVALUATED											
	TOTAL OF PART B	AS SUBMITTED	1.12%			86,975.30	289,589.40	759,377.29	1,135,941.99		56,333.61	59,613.78	1,251,889.3
PART C	Earthworks												
		AS EVALUATED											
101(2)	Removal of Structure/Obstructions	AS SUBMITTED	0.01%	22.00	each	-	1,800.03	10,086.36	11,886.39	18.00%	2,139.55	701.30	14,727.2
		AS EVALUATED											
101(4)a1	Removal of Structure/Obstructions	AS SUBMITTED	0.00%	9.50	ln.m.	-	271.17	3,239.42	3,510.59	18.00%	631.91	207.12	4,349.6
		AS EVALUATED											
101(8)	Removal of Existing Guardrails	AS SUBMITTED	0.04%	1,057.50	ln.m.	.=:	9,055.57	32,042.25	41,097.82	18.00%	7,397.61	2,424.77	50,920.2
		AS EVALUATED											
101(9)	Removal of Existing Guardrail Posts	AS SUBMITTED	0.04%	431.00	each	-	9,226.83	32,648.25	41,875.08	18.00%	7,537.52	2,470.63	51,883.2
		AS EVALUATED	3/00/10/2009										
102(2)	Surplus Common Excavation	AS SUBMITTED	3.51%	24,851.66	cu.m.		70,936.47	3,480,216.68	3,551,153.16	18.00%	639,207.57	209,518.04	4,399,878.7
		AS EVALUATED											
103(1)a	Structure Excavation	AS SUBMITTED	0.15%	652.00	cu.m.		7,055.29	143,395.73	150,451.02	18.00%	27,081.18	8,876.61	186,408.8
		AS EVALUATED	5,145,75										
103(3)	Foundation Fill	AS SUBMITTED	0.04%	15.00	cu.m.	35,601.41	3,138.92	2,083.89	40,824.22	18.00%	7,348.36	2,408.63	50,581.3
		AS EVALUATED											
103(6)a	Pipe Culverts and Drain Excavation	AS SUBMITTED	0.04%	192.00	cu.m.	•	2,077.63	42,226.96	44,304.60	18.00%	7,974.83	2,613.97	54,893.3
		AS EVALUATED	2.07										
104(1)a	Embankment from Roadway Excavation	AS SUBMITTED	4.26%	18,653.50	cu.m.		116,924.86	4,190,195.40	4,307,120.26	18.00%	775,281.65	254,120.10	5,336,522.0
		AS EVALUATED	112070	20,000.00				,,	, , , , , , , , , , , , , , , , , , , ,				
105(1)a	Subgrade Preparation	AS SUBMITTED	0.62%	39,025.50	cu.m.	-	22,278.84	602,488.68	624,767.52	18.00%	112,458.15	36,861.28	774,086.9
		AS EVALUATED	0.0270	33,023.30	cu.iii.		22,2,0.04	222,100.00					Wortson & To Touris
	TOTAL OF PART C AS	AS EVALUATED											10,924,251.4



				· ·		/ Y	DETA	ILED BREAKDOWN	OF COMPONENT CO	OST FOR EAC	CH ITEM		
ITEM NO	DESCRIPTION		**			*****	DIREC	т соят		TOTA	L MARK-UP		
			%	QTY	UNIT	MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE	5% VAT	TOTAL COST
PART D	Subbase and Base Course		499986	paranahan	57 A Y (87 A)					\$46.500.00			
200(1)	Aggregate Subbase Course	AS EVALUATED			· · · · ·								
200(1)	Aggregate Subbase Course	AS SUBMITTED	25.76%	15,865.50	cu.m.	24,518,980.00	54,343.70	1,469,621.27	26,042,944.97	18.00%	4,687,730.09	1,536,533.75	32,267,208.81
	TOTAL OF PART D	AS EVALUATED											
	IDIAL OF PART D	AS SUBMITTED	25.76%			24,518,980.00	54,343.70	1,469,621.27	26,042,944.97		4,687,730.09	1,536,533.75	32,267,208.81
PART E	Surface Courses	<b>全国的政治协会</b>	0.0000000		49855\$\$		specification and the		7609036666	digita ya tashir	oug/assignigates		
300(1)	Gravel Surface Course	AS EVALUATED											
300(1)	Gravei Surrace Course	AS SUBMITTED	3.03%	1,845.00	cu.m.	2,889,505.24	6,319.63	170,902.35	3,066,727.22	18.00%	552,010.90	180,936.91	3,799,675.03
211(1)~		AS EVALUATED			· · · · · · · · · · · · · · · · · · ·								
211(1)4	Portland Cement Concrete Pavement	AS SUBMITTED	1.22%	1,160.00	sq.m.	1,097,156.62	9,265.10	130,120.03	1,236,541.75	18.00%	222,577.52	72,955.96	1,532,075.23
244(4)-4		AS EVALUATED				1							
311(1)e1	Portland Cement Concrete Pavement	AS SUBMITTED	53.46%	27,684.50	sq.m.	47,836,855.94	412,745.20	5,796,637.45	54,046,238.59	18.00%	9,728,322.95	3,188,728.08	66,963,289.62
		AS EVALUATED											
	TOTAL OF PART E	AS SUBMITTED	57.72%			51,823,517.80	428,329.93	6,097,659.83	58,349,507.57		10,502,911.36	3,442,620.95	72,295,039.87
PART G	Drainage and Slope Protection Structures											SECTION AND A SECTION AND A SECTION ASSESSMENT AND A SECTION ASSESSMENT AS A SECTION AS A SECTIO	
40.4443		AS EVALUATED			· · · · · · · · · · · · · · · · · · ·								
404(1)8	Reinforcing Steel, Grade 40	AS SUBMITTED	0.66%	14,079.00	kg.	591,318.00	43,755.87	36,560.43	671,634.30	18.00%	120,894.17	39,626.42	832,154.89
		AS EVALUATED											
405(1)23	Structural Concrete, Class "A"	AS SUBMITTED	2.90%	348.00	cu.m.	2,423,567.70	316,262.71	187,936.42	2,927,766.83	18.00%	526,998.03	172,738.24	3,627,503.10
		AS EVALUATED				1							
500(1)63	Pipe Cuiverts	AS SUBMITTED	0.40%	129.00	ln.m.	308,153.61	27,852.70	64,885.87	400,892.18	18.00%	72,160.59	23,652.64	496,705.41
		AS EVALUATED											
505(2)a	Grouted Riprap, Class "A"	AS SUBMITTED	0.21%	49.00	cu.m.	172,530.19	21,929.22	13,737.32	208,196.73	18.00%	37,475.41	12,283.61	257,955.75
		AS EVALUATED				<u> </u>							
506(1)	Stone Masonry	AS SUBMITTED	0,64%	119.50	cu.m.	568,071.23	41,781.59	33,059.82	642,912.64	18.00%	115,724.27	37,931.85	796,568.76
		AS EVALUATED				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
	TOTAL OF PART G	AS SUBMITTED	4.80%			4,063,640.74	451,582.09	336,179.65	4,851,402.68		873,252.48	286,232.76	6,010,887.92
PART H	Miscellaneous Structure	14 14 28 4 2 E 17 E 18 18	1000000	10000000	50000000								
		AS EVALUATED											
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	AS SUBMITTED	0.91%	1,240.00	sq.m.	839,504.86	23,267.67	55,113.57	917,886.10	18.00%	165,219.50	54,155.28	1,137,260.88
		AS EVALUATED	<b>†</b>										
	TOTAL OF PART H	AS SUBMITTED	0.91%			839,504.86	23,267.67	55,113.57	917,886.10		165,219.50	54,155.28	1,137,260.88
		AS EVALUATED											
	GRAND TOTAL	AS SUBMITTED	100.00%		<u> </u>	82,167,765.89	1,638,056.45	17,288,934.10	101.094,756.43		17,974,468.22	5,953,461.23	125,022,685.89





### DPWI

### SIONAL OFFICE IX

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

### Zamboanga City

### SUMMARY OF APPROVED BUDGET FOR THE CONTRACT

FORM POW-2015-02-00

	DESCRIPTION OF WORKS TO BE	ONE			TOTAL MARK-UP		T0711 T11010101000		
	DESCRIPTION OF WORKS TO BE I	JONE	ESTIMATED DIRECT COST	% TOTAL DIRECT		VAT	TOTAL INDIRECT COST	TOTAL COST	
PART A	Facilities for the Engineers	AS EVALUATED							
PARIA	racilities for the Engineers	AS SUBMITTED	980,082.48		101,962.86	54,102.27	156,065.13	1,136,147.61	
PART B	Other Canada Bassinassanta	AS EVALUATED				-			
PARID	Other General Requirements	AS SUBMITTED	1,135,941.99		56,333.61	59,613.78	115,947.39	1,251,889.38	
DARTC	Fasthwaria	AS EVALUATED							
PART C		AS SUBMITTED	8,816,990.65		1,587,058.32	520,202.45	2,107,260.77	10,924,251.42	
PART D	Cubbase and Base Courses	AS EVALUATED						*	
PARID	Subbase and Base Courses	AS SUBMITTED	26,042,944.97		4,687,730.09	1,536,533.75	6,224,263.85	32,267,208.81	
DADTE	Surface Courses	AS EVALUATED							
PART E	Surface Courses	AS SUBMITTED	58,349,507.57		10,502,911.36	3,442,620.95	13,945,532.31	72,295,039.87	
DADT C	Designation of Class Destruction Characteristics	AS EVALUATED							
PART G	Drainage and Slope Protection Structures	AS SUBMITTED	4,851,402.68		873,252.48	286,232.76	1,159,485.24	6,010,887.92	
DADTII	Main and the same of the same	AS EVALUATED				-			
PART H	Miscellaneous Structure	AS SUBMITTED	917,886.10		165,219.50	54,155.28	219,374.78	1,137,260.88	
	TOTAL	AS EVALUATED							
	TOTAL	AS SUBMITTED	101,094,756.43		17,974,468.22	5,953,461.23	23,927,929.46	125,022,685.89	

Preparation and Submission:

ELWICK P. ACUÑA

Prepared by:

Checked/Submiletd by:

ISIDRA A. ESTANISLAO

Engineer II Engineer IV

Maintenance Division Maintenance Division

**Evaluation:** 

Reviewed by:

SATURNINO C. TORREFRANCA

Sistrict Engineer

Planning & Design Division

Approval:

Recommending Approva

KHADAFFY D. THINGGOL

Assistant Regional Prector

Approved:

CAYAMOMBAO D. DIA

Regional Director



### D EGIONAL OFFICE IX Road Widening - Primary ...ads, Pagadian City - Zamboanga City Road Zamboanga City

FORM POW-2015-02A-00

ITEM NO.	DESCRIPTION		QTY	UNIT	ESTIMATED DIRECT COST	то	TAL MARK-UP	VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						%	VALUE		1		
PART A	Facilities for the Engineers						SVE THE RESERVE				
4.4.(2)		AS EVALUATED									
A.1.1(3)	Construction of Field Office for the Engineer	AS SUBMITTED	1.00	LS.	436,827.75	18.00%	78,628.99	25,772.84	104,401.83	541,229.58	541,229.58
	Provision of Provision of Furnitures/Fixtures, Equipment and	AS EVALUATED									
A.1.1(11)	Appliances for the Field Office for the Field Engineer	AS SUBMITTED	1.00	LS.	291,673.33	8.00%	23,333.87	15,750.36	39,084.23	330,757.56	330,757.56
	Operation and Maintenance of 4 x 4 Pick-Up Type Service	AS EVALUATED									
A.1.2(5)	Vehicle for the Engineer	AS SUBMITTED	7.33	month	251,581.40	0.00%		12,579.07	12,579.07	264,160.47	36,021.88
		AS EVALUATED									
	TOTAL OF PART A	AS SUBMITTED			980,082.48		101,962.86	54,102.27	156,065.13	1,136,147.61	
PART B	Other General Requirements	A STATE OF THE STA									
6000		AS EVALUATED								5 0 0 0 0 0 0 0 0 0 0	
B.4(1)	Construction Survey & Staking	AS SUBMITTED	4.13	km.	178,560.53	18.00%	32,140.90	10,535.07	42,675.97	221,236.50	53,542.23
20000	Marian Day Bayuntur ya Nicopi an ca	AS EVALUATED									
B.5	Project Billboard/Signboard	AS SUBMITTED	4.00	each	18,337.96	18.00%	3,300.83	1,081.94	4,382.77	22,720.73	5,680.18
		AS EVALUATED									
B.7	Occupation Safety & Health	AS SUBMITTED	7.33	month	261,148.50	8.00%	20,891.88	14,102.02	34,993.90	296,142.40	40,383.05
793.5	Es status Parines Par respect than	AS EVALUATED									
B.9	Mobilization & Demobilization	AS SUBMITTED	1.00	L.S.	677,895.00	0.00%	-	33,894.75	33,894.75	711,789.75	711,789.75
		AS EVALUATED									
	TOTAL OF PART B	AS SUBMITTED			1,135,941.99		56,333.61	59,613.78	115,947.39	1,251,889.38	
PART C	Earthworks										
404/03		AS EVALUATED									
101(2)	Removal of Structure/Obstructions	AS SUBMITTED	22.00	each	11,886.39	18.00%	2,139.55	701.30	2,840.85	14,727.23	669.42
101(4)-1		AS EVALUATED									
101(4)41	Removal of Structure/Obstructions	AS SUBMITTED	9.50	In.m.	3,510.59	18.00%	631.91	207.12	839.03	4,349.62	457.85
101(0)		AS EVALUATED									
101(8)	Removal of Existing Guardrails	AS SUBMITTED	1,057.50	ln.m.	41,097.82	18.00%	7,397.61	2,424.77	9,822.38	50,920.20	48.15
101/0)		AS EVALUATED									
101(9)	Removal of Existing Guardrail Posts	AS SUBMITTED	431.00	each	41,875.08	18.00%	7,537.52	2,470.63	10,008.15	51,883.23	120.38
*02(2)		AS EVALUATED									
102(2)	Surplus Common Excavation	AS SUBMITTED	24,851.66	cu.m.	3,551,153.16	18.00%	639,207.57	209,518.04	848,725.60	4,399,878.76	177.05
400(4)		AS EVALUATED									
103(1)a	Structure Excavation	AS SUBMITTED	652.00	cu.m.	150,451.02	18.00%	27,081.18	8,876.61	35,957.79	186,408.82	285.90
400/03	- 1	AS EVALUATED									
103(3)	Foundation Fill	AS SUBMITTED	15.00	cu.m.	40,824.22	18.00%	7,348.36	2,408.63	9,756.99	50,581.21	3,372.08
100/51		AS EVALUATED									
103(6)a	Pipe Culverts and Drain Excavation	AS SUBMITTED	192.00	cu.m.	44,304.60	18.00%	7,974.83	2,613.97	10,588.80	54,893.39	285.90
104(1)-	Entral Parking Securities	AS EVALUATED									
104(1)a	Embankment from Roadway Excavation	AS SUBMITTED	18,653.50	cu.m.	4,307,120.26	18.00%	775,281.65	254,120.10	1,029,401.74	5,336,522.00	286.09
105(1)		AS EVALUATED									
105(1)a	Subgrade Preparation	AS SUBMITTED	39,025.50	cu.m.	624,767.52	18.00%	112,458.15	36,861.28	149,319.44	774,086.96	19.84
	TOTAL OF BART C	AS EVALUATED									
	TOTAL OF PART C	AS SUBMITTED	. N <del>o</del>	-	8,816,990.65		1,587,058.32	520,202.45	2,107,260.77	10,924,251.42	



ITEM NO.	JESCRIPTION		QTY	UNIT	ESTIM DIRECT COST	TOT	TAL MARK-UP	VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
	Charles Anna Carrier State (State State St		0.254.51			%	VALUE				
PART D	Subbase and Base Course										
200(4)		AS EVALUATED									
200(1)	Aggregate Subbase Course	AS SUBMITTED	15,865.50	cu.m.	26,042,944.97	18.00%	4,687,730.09	1,536,533.75	6,224,263.85	32,267,208.81	2,033.80
		AS EVALUATED									
	TOTAL OF PART D	AS SUBMITTED	-		26,042,944.97		4,687,730.09	1,536,533.75	6,224,263.85	32,267,208.81	
PART E	Surface Courses										
200443		AS EVALUATED									
300(1)	Gravel Surface Course	AS SUBMITTED	1,845.00	cu.m.	3,066,727.22	18.00%	552,010.90	180,936.91	732,947.81	3,799,675.03	2,059.44
	- 1.6.4.4.1	AS EVALUATED									
302(2)	Emulsified Asphalt	AS SUBMITTED		sq.m.		18.00%	•			•	#DIV/01
		AS EVALUATED									
310(1)c	Bituminous Conc. Surface Wearing Course, Hot-Laid	AS SUBMITTED	>=	sq.m.	7	18.00%	•	-		<b>1</b> €	#DIV/0!
HSW002726		AS EVALUATED		V							
311(1)a	Portland Cement Concrete Pavement	AS SUBMITTED	1,160.00	sq.m.	1,236,541.75	18.00%	222,577.52	72,955.96	295,533.48	1,532,075.23	1,320.75
200000000000000000000000000000000000000		AS EVALUATED									
311(1)el	Portland Cement Concrete Pavement	AS SUBMITTED	27,684.50	sq.m.	54,046,238.59	18.00%	9,728,322.95	3,188,728.08	12,917,051.02	66,963,289.62	2,418.80
		AS EVALUATED									
	TOTAL OF PART E	AS SUBMITTED			58,349,507.57		10,502,911.36	3,442,620.95	13,945,532.31	72,295,039.87	
PART G	Drainage and Slope Protection Structures		No.	* Meson is							
		AS EVALUATED									
404(1)a	Reinforcing Steel, Grade 40	AS SUBMITTED	14,079.00	kg.	671,634.30	18.00%	120,894.17	39,626.42	160,520.60	832,154.89	59.11
	ALLOW MICHAEL PROGRAMMENT NEW PROMINE	AS EVALUATED									
405(1)a3	Structural Concrete, Class "A"	AS SUBMITTED	348.00	cu.m.	2,927,766.83	18.00%	526,998.03	172,738.24	699,736.27	3,627,503.10	10,423.86
		AS EVALUATED									
500(1)b3	Pipe Culverts	AS SUBMITTED	129.00	In.m.	400,892.18	18.00%	72,160.59	23,652.64	95,813.23	496,705.41	3,850.43
745 Holland	To the state of th	AS EVALUATED									
505(2)a	Grouted Riprap, Class "A"	AS SUBMITTED	49.00	cu.m.	208,196.73	18.00%	37,475.41	12,283.61	49,759.02	257,955.75	5,264.40
		AS EVALUATED									
506(1)	Stone Masonry	AS SUBMITTED	119.50	cu.m.	642,912.64	18.00%	115,724.27	37,931.85	153,656.12	796,568.76	6,665.85
		AS EVALUATED									
	TOTAL OF PART G	AS SUBMITTED	4	-	4,851,402.68		873,252.48	286,232.76	1,159,485.24	6,010,887.92	
PART H	Miscellaneous Structure			ELONG SE							
	Call of Call Call Call Call Call Call Call Cal	AS EVALUATED									
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	AS SUBMITTED	1,240.00	sq.m.	917,886.10	18.00%	165,219.50	54,155.28	219,374.78	1,137,260.88	917.15
		AS EVALUATED									
	TOTAL OF PART H	AS SUBMITTED			917,886.10		165,219.50	54,155.28	219,374.78	1,137,260.88	
		AS EVALUATED									
	GRAND TOTAL	AS SUBMITTED			101,094,756.43		17,974,468.22	5,953,461.23	23,927,929.46	125,022,685.89	

Preparation and Submission:

Drenared by

ELWICK P. ACUÑA

Engineer II

Maintenance Division

Checked/Submiletd by:

ISIDRA A. ESTANISLAO

Engineer IV
Maintenance Division

Evaluation: Reviewed by:

SATURNINO C TORREFRANCA

District Engineer
Planning & Design Division

Name of Project

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

Item No.	Description			DURATION	1	_			-			-	-	-	-	-	-	_			WE	EKS (	6 WO	RKIN	G DA	YS)								
nem No.	Description	Quantity	Unit	# OF DAYS	1	2 3	4	5 6	7	8 9	10	11 12	13	14 15	16	17 18	19 :	20 21	22	23 24							34 35	36 3	7 38	39 4	0 41 4	42 43	44 45	46 47
PART A	Facilities for the Engineers									$\top$	$\sqcap$	1	П		П	$\top$		T	П	$\top$	П	$\top$				-	AL NO			_			1:	169
A.1.1(3)	Construction of Field Office for the Engineer	1.00	L.S.	8.00									$\Box$		П			1	$\Box$	1	П		$\Box$		$\top$	INC	LEMEN	IT WE	THER				1:	28
A.1.1(11)	Provision of Provision of Furnitures/Fixtures, Equipment	1.00	L.S.	220				1											П	1	$\Box$	T				NUI	ABER C	OF SUN	DAYS	;			1:	23
A.1.2(5)	Operation and Maintenance of 4 x 4 Pick-Up Type Se	7.33	month	220							П		П		П				П		$\Box$	$\top$	H			TOT	AL NO	. CALE	NDAR	DAY	s		1:	220
PART B	Other General Requirements					T	П	T	П	T	П		П		П	Т	П	T	П		П					$\Box$	T	П	TT	T	TT	TT	$\forall$	$\Box$
B.4(1)	Construction Survey & Staking	4,13	km.	38.74									П		$\Box$	$\neg$				$\top$	П	$\top$							$\Box$		$\top$	$\top$	$\top$	
B.5	Project Billboard/Signboard	4.00	each	2.00				T					Ħ	$\top$	П	$\top$		T	$\Box$	1	П	$\top$			T	11	$\top$		$\top$	$\top$	$\top$	$\top$	$\forall$	$\top$
B.7	Occupation Safety & Health	7.33	month	220															$\Box$		П	1				$\Box$	$\top$	$\Box$	$\top$		$\top$	$\top$	$\top$	$\Box$
B.9	Mobilization & Demobilization	1.00	L.S.	5.00		T	П	T	П		П	Т	П		П	T	П	T	П	$\top$	$\Box$	T	П			Ħ	$\top$	H	$\forall$	$\top$	$\top$	77	$\top$	$\neg$
PART C	Earthworks														$\Box$			T		1	П	T				$\Box$			$\top$		11	$\top$	+	$\Box$
101(2)	Removal of Structure/Obstructions	22.00	each	0.59				1	П		$\sqcap$	T	H	T	П	T	$\sqcap$	T	$\sqcap$	1		1	T			$\sqcap$	$\top$	$\vdash$	11		11	11	$\top$	$\top$
101(4)a1	Removal of Structure/Obstructions	9.50	In.m.	0.20									П		$\Box$		П		H	$\top$	$\Box$	$\top$	T		$\top$	$\Box$			11		$\top$	$\top$		$\neg$
101(8)	Removal of Existing Guardrails	1,057.50	ln.m.	6.61							Ħ			7	$\Box$		$\Box$	$\top$	П	$\top$	$\Box$	T	$\Box$			$\forall$	$\top$		$\top$	1	$\top$	$\top$	$\top$	$\neg$
101(9)	Removal of Existing Guardrail Posts	431.00	each	6.73							$\Box$						$\Box$		П	$\top$	$\Box$	$\top$				$\Box$	$\top$	$\Box$	11	$\top$	$\top$	$\top$		$\Box$
102(2)	Surplus Common Excavation	24,851.66	cu.m.	51.77											П		$\Box$	T	H		Ħ	T	$\Box$			П	$\top$	$\Box$	$\top$	$\top$	11	$\top$	$\forall$	$\Box$
103(1)a	Structure Excavation	652.00	cu.m.	4.08													$\Box$	$\top$	$\Box$			T				П		$\Box$	$\Box$	1	$\top$	$\top$	$\forall$	$\neg$
103(3)	Foundation Fill	15.00	cu.m.	1.50		T			П		$\Box$		$\Box$		П		H	T	П		$\Box$	T	П			$\sqcap$		$\Box$	$\top$	1	11	11	$\forall$	$\neg$
103(6)a	Pipe Culverts and Drain Excavation	192.00	cu.m.	1.20					П				П						П		П					$\Box$		П	11		$\top$	$\top$	$\top$	$\neg \neg$
104(1)a	Embankment from Roadway Excavation	18,653.50	cu.m.	46.63		Т							П		П		П	Т	П		П					П			Ti		$\top$	$\top$	$\Box$	
105(1)a	Subgrade Preparation	39,025.50	cu.m.	16.26					П						П				$\sqcap$		T	T				$\sqcap$		$\Box$	$\Box$	T	$\top$	$\top$	$\top$	$\neg \neg$
PART D	Subbase and Base Course					T	П	T			П				П		П	T	П	T		T				$\Box$		П	$\top$		$\top$	$\top$		$\Box$
200(1)	Aggregate Subbase Course	15,865.50	cu.m.	39.66		T	П	T									П		П							П	$\top$				$\top$	$\top$		$\neg \neg$
PART E	Surface Courses				П	Т	П	T	П	T	П	T	П		П		П	T	П		П							П	$\top$	$\top$	$\Box$	$\top$		$\Box$
300(1)	Gravel Surface Course	1,845.00	cu.m.	4.61		T	П						П		П				$\Box$	T		$\top$				П		$\sqcap$	$\top$	1	$\top$	$\top$	$\top$	$\neg \neg$
311(1)a	Portland Cement Concrete Pavement	1,160.00	sq.m.	1.35	П	T	П		П																TE	$\Box$			$\Box$			$\top$	$\top$	$\Box$
311(1)e1	Portland Cement Concrete Pavement	27,684.50	sq.m.	60.18	П	T	П		П									$\top$	$\Box$			T		$\Box$		П					$\Box$	$\top$	$\top$	$\Box$
PART G	Drainage and Slope Protection Structures												П	T			П													T		$\top$	$\Box$	$\Box$
404(1)a	Reinforcing Steel, Grade 40	14,079.00	kg.	9.78		$\top$	П	10			$\Box$		П				П									П		$\Box$		T	$\Box$	$\top$	$\Box$	$\top$
405(1)a3	Structural Concrete, Class "A"	348.00	cu.m.	31.07											$\Box$		П									П			$\Box$		$\top$		$\top$	$\top$
500(1)b3	Pipe Culverts	129.00	ln.m.	16.13	П	T						T		T	П		П			T		1	1	$\sqcap$	T	П			$\sqcap$	1	$\Box$	11	$\top$	
505(2)a	Grouted Riprap, Class "A"	49.00	cu.m.	4.90							П				П	T								П		$\sqcap$			11		$\Box$	T	$\top$	
506(1)	Stone Masonry	119.50	cu.m.	9.34	П	T	П	T				$\top$	П		П		$\Box$	T				T		$\sqcap$		$\sqcap$		$\Box$	$\sqcap$		$\Pi$	$\Box$	$\top$	$\top$
PART H	Miscellaneous Structure																									$\Box$			$\sqcap$			$\top$	$\top$	$\top$
612(1)	Reflectorized Thermoplastic Pavement Markings (Whi	1,240.00	sq.m.	6.20		T	П	1		T	П	T	П	$\top$	П	$\top$										Ħ			$\top$	1	$\top$	11	$\top$	$\top$

Prepared by:

ELWICK P. ACUÑA

Engineer II

Submitted by:

CAYMOMBAO D. DIA

Regional Director

Item No./Description

A.1.1(3)

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

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

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

																		Ξ.	 1 -							E 2	₩. Z	7.2		2		В,2				,	8.1				A.2					A.1			
c. W-2, Jalousie Window, 2.80 m. x 1.20 m.	<ul> <li>b. W-1, Jalousie Window, 1.40 m. x 1.20 m.</li> </ul>	Complete with Accessories, 0.90 m, x 2.10 m.	VI Doors and Windows	e, No. 16 G.I. He Wire	1	ı	1	1	1		1	a, Coco Lumber	IV Formworks (Columns & Beams)	b. No. 16 G.I. Tie Wire	a. Deformed Round Bar, Grade 40 kg.	III Reinforcing Bars (Footings, Columns, Beams,		ᅜ	p		- 1	- 1	a. Gravel Beddino	I Farthworks (Eycavation, Embankment & Bedd	Name and Specification	Direct Unit Cost (C.2 +D.2) - As Evaluated	Direct Unit Cost (C.1 +D.1) - As Submitted	Output per Hour - As Submitted	lotal (A.2+6.2) - As Evaluated	lotal (A.1+8.1) - As submitted	Sub-Total for B-2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted	Millor roots 10% or rainor cost	Š	a. One Bagger Mixer	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated	EVE (V)	Labor		d. Laborers		1 1	a. Construction Foreman	Labor	Designation
set	set	000	Set	ĸĢ.	KĢ.	co.m.	pag	pc.		ĸģ.	pc.	bd.ft.		kg.	kg.	& Slab on Grade	cu.m.	cu.m.	bag	& Slab on Grade)	-	cu.m.	cu.m.		Unit											Ľ	. 5-1		No. of Units					6	3	3	í		No. of Person/s
2.00	2.00	2100	2.00	2.50	55.00	8,00	5.00	650.00	210 00	5.00	18.00	400.00					18.00	21.00	90,00		2.50	10.00	3,50		Quantity											8	- <del>1</del> 80		No. of Hour/s					64	64	64	64		No. of Hour/s
1,848.00	924,00	-/	1.765.26	00.001	38,00	2,003.03	30,000	00.01	1000	65,00	610,00	13.00		80.00	38,00		2,063.85	1,863.85	309.00	-,	1.900,00	388,35	1,863,85		Unit Cost											2,450.00	172.00		Hourly Rate					45.16	58.61	58.61	80.95		Hourly Rate
3,696.00	1,848.00		3.530.52	00,002	2,470.00	00.020	16 510 00	13 205 00	10000	325.00	10,980.00	5,200.00		1,600.00	16,530.00		37,149.30	39,140.85	27,810.00		4,750.00	3,883.50	6,523.48		Amount (Php.)		77.385.30			//,385.30	77 386 77			32,358.66	00,70 <i>c</i> <sup>f</sup> E	19,600.00	8,256,00		Amount (Php.)			+0,020,0+	73 900 3V	17,340.00	11,252.88	11,252.88	5,180.88		Amount (Php.)



541,229.58				K.1 Total Unit Cost - As Submitted K.2 Total Unit Cost - As Evaluated
25,772.84				J.1 Value Added Tax - As Submitted
DE 770 0A				10000
34,946.22			aludica	1 112
43,682.77			omitted	$\perp$
100				G.2 Direct Unit Cost (E.1+F.1) - As Submitted G.2 Direct Unit Cost (E.2+F.2) - As Evaluated
436.827.75			15	
				F.2 Equipment
359,442.45				Sub-Total for F-1 As Submitted
10000	20.00	0.00	þ	1. 2" PVC assorted Connector
448.00	56.00	8,00	8 8	h. 4" PVC assorted Connector
305.00	305,00	1.00	pc	g. 2" PVC series 1000
	640.00	1.00	pc	f, 4" PVC series 1000
	20.00	8.00	pc	
642.00	321.00	2.00	pc 25	d 1/2" Water Faucet
	166.00	200	Set	
	7,375,00	1.00	set	
				XI Plumbing Works
3,254.00	1,627.00	2.00	set	t. panel board (side main w/ braches)
217.00	31.00	7.00	p D	s electrical tape (big)
272.00	34.00	8.00	8 8	q. unity box
224.00	30.00	7,00	3 8	
200.00	100.00	2.00	pc	o. 20mm dia. Service entrance cap
180.00	18.00	10.00	pc	1
90.00	30.00	3.00	pc	m. 20mm dia. RSC elbow
27.00	9.00	3.00	R	I. 20mm dia, RSC Coupling
960.00	240.00	4.00	20, 20	j. 15mm dia PVC Clamp
650.00	26.00	25.00	pc	i. 15mm dia. PVC Elbow
125.00	5.00	25.00	pc	h. 15mm dia. PVC Coupling
1,460.00	73.00	20.00	pc	g. 15mm dia. PVC pipe
1,750.00	70.00	25.00	3 3	f 8 00mm2 thw
10.800.00	3 600 00	3,00	S PC	
210,00	170.07	3.00	PC PC	
100.00	50.00	2.00	pc	
5,150.00	1,030.00	5,00	set	
				X Electrical Works
2,000,00	400.00	5.00	_ 2	
650.00	92.00	5,00	Kg.	
13,500.00	450.00	30.00	pc.	
18,500.00	37.00	500.00	bd.ft.	a. Rough Lumber, sun dried tanguile
				IX Carpentry Works
500.00	250.00	2.00	- Pc.	d. Teckscrew 11/2
3,00,00	189.00	2,00	in.m.	
1,890.00	189.00	10.00	ln.m.	1 1
23,100.00	420.00	55.00	sq.m.	<ul> <li>a. Pre-painted GI Roofing Sheet long span</li> </ul>
			u i	VIII Roofing Works
2,655.00	531.00	5.00	qal.	R. Weining Noor
2 445 00	163.00	15.00	S P.	
380.00	38.00	10.00	kg.	1
705.00	47,00	15.00	kg	1
1,175.00	47.00	25.00	ķ	g. 12mm thk base plate
2,360.00	118.00	20.00	pc.	f 16mm dia. Turn buckle
1 330 00	38.00	35.00	5 6	
4,800.00	48.00	100.00	i ko	
12,000.00	48.00	250.00	kg.	b. 50 mm. x 50 mm. x 6 mm. Angle Bar
16,800.00	48.00	350,00	kg.	a, 65 mm. x 6 mm. Angl. /
				VII Steel Works

ELWICK P. ACUÑA Engineer II

Checked/Reviewed

### nd Widening - Primary Roads, Pagadian City - Zamboanga City Ro Zamboanga City

FORM-POW-2015-010-00

Item No./Description ...

A.1.1(11)

A.1.1(11)

Provision of Provision of Furnitures/Fixtures, Equipment and Appliances for the Held Office for the Held

1.00 L.S.

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

	J.2	J.1	1.2	1.1	H.2	H.1	G.2	G.1		F.2										***************************************	F.1											E.2	D.2	D.1	C.2	C.1	2.7	B J	Ι		B.1			Α 2		A.1	
Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated	Edulpriscie	Sub-lotal for F-1 AS Submitted	0 14 1 10 1 1 10 10 10 10 10 10 10 10 10 10	c. LPG (11 kg)		a. Electrical Bill	k. Desktop Computer	j. Cellphone	i. Digital Camera	h. Dining Table	g. Kitchenware		(Folders, Bond Paper, Yellow Pads,	1	e. 10 cups Rice Cooker			- 1	a. Electric Desk Fan	Materials Office Equipment/Excilities & Supplies	Name and Specification	Name and Specification	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated	Equipment	Sub-Total for B-1 As Submitted	Equipation	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated	Labor	Sub-Total for A-1 As Submitted	Labor	Designation
					aluated	bmitted							mo.	mo.	mo.	set	set	set	set	L.S.			LS.	unit	unit	each	each	unit		SI E	I Di											No. of Units					No. of Person/s
													7.33	7.33	7.33	1.00	4.00	2.00	1.00	1.00	3		1.00	1.00	1.00	2.00	2.00	2.00		Qualitity	Oriantity											No. of Hour/s					No. of Hour/s
													1,000.00	1,500.00	3,000.00	00,000,00	15,000.00	12,000.00	8,000.00	30,000.00	20 000 00		45,000.00	2,500.00	3,700.00	5,000.00	2,700.00	1,370.00		OI III COST	Unit Cost											Hourly Rate					Hourly Rate
330,/5/.56	33 232 000	15,/50.36	15 750 26	23,333.87		1	•	291,6/3.33			231,073.33	201 673 33	7,333.33	11,000.00	22,000.00	00,000,00	60,000.00	24,000.00	8,000.00	30,000.00	20,000,00		45,000.00	2,500.00	3,700.00	10,000.00	5,400.00	2,740.00		Milouit (rip.)	Amount (Php.)		ı						1			Amount (Php.)			1		Amount (Php.)

Engineer II

Prepared by:

Checked/Reviewed

### d Widening - Primary Roads, Pagadian City - Zamboanga City Ro: Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

A.1.2(5) Operation and Maintenance of  $4\times4$  Pick-Up Type Service Vehicle for the Engineer 7.33 month

.. .. ..

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

ly Rate Amount (Ph	Hour	No. of Hour/s	No. of Person/s	Designation	

K.2	K.1	J.2	J.1		1.1			_	G.2			F.2					F.1					_		D.1	C.2	C.1		В.2		161	1.1			_	A.2	_	(0)	 A.1	_	
Total Unit Cost - As Evaluated	Total Unit Cost - As Submitted	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overnead, contingencies & Miscellal leous (OCM) - As Evaluated	Overhead Contingencies & Miscellaneous (OCM) - As Ev	Overhead Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		Equipment	Sub-Total for F-1 As Submitted	d. Miscellaneous	c. Engine Oil & Lubricants	b. Spare Parts	a. Diesel	Materials	Name and Specification	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	Direct Unit Cost (C.1 ÷ D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted	Equipment	To in month	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	a. Driver	Labor	Designation
						giudicu	alijated	bmitted							LS	L.S.	L.S.			Unit													No. of Units					1		No. of Person/s
															1,00	T.00	1.00	2,200.00	3300	Quantity													No. of Hour/s					1,760.00		No. of Hour/s
															30,000.00	20,000,00	10,000,00	20,000,00	21 00	Unit Cost													Hourly Rate					58,61		Hourly Rate
	155,851.50	1	/,421.50	1		1			( ) I	148,430.00				148,430.00	30,000.00	20,000,00	10,000,00	40,000,00	00 000 00	Amount (Php.)				1	1	103,151,40	100						Amount (Php.)				103,151.40	103,151.40		Amount (Php.)

Engineer II

Prepared by

Checked/Reviewed

### d Widening - Primary Roads, Pagadian City - Zamboanga City Roy Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

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

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

.. .. ..

	K.2	<u></u>	J.2	J.1	I.2	디	H.2	프	G.2	G.1		F.2	T				T.			E.2	E	D.2	D.1	C2	Ci	7.0		T			B.1		T	Α.	 د د					A.1					
Prepared by	$\perp$		Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated			_			_	T	Equipment	Sub-Total for F-1 As Submitted	Miscellaneous 5% of Material Cost	b. Blue Printing	a.	Materials	Name and Specification	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	Direct Unit Cost (C.1 ÷ D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated	Equipment	SOUTHWANT TO SECTION	Sub-Total for R-1 As Submitted	Minor Tools 10% of Labor	a. Total Station w/ Complete Accessories	Name and Capacity	Cut I coul to the manufacture	Sub-Total for A-2 As Evaluated	Labor	Sub-Total for A-1 As Submitted	 h Skilled Lahorer	a Geodetic Engineer	C. Olishiled Edocici		a. Geodetic Engineer	For Field Works	Labor	Centinanon	Designation
Che							valuated	Jbmitted								pc.	pc.		Unit												ı	NO. OF OTHER	No of Iloib				2	1	ţ	ω	۱	-		110.00	No. of Person/s
Checked/Reviewed																T00.00	20.00		Quantity												1	No. of Houl/s	No of Hours				ω	ω		1	- ,	1			No. of Hour/s
1																20.02	400.00		Unit Cost												100.00	i south same	Hourly Date				58.61	104.16		45.16	58.61	104.16			Hourly Rate
		53,542.23	52 542 22	2,549.63		3,45/.13		4,321.41		43,214.07	42 24 407			11,025.00			2 500 00		Amount (Php.)		32,189.07		0.04		1,287.56				207.96	707.30	100.00	Table (1.167)	Amount (Phn.)			1,079.60	351.65	312.49		135,47	175.83	104.16			Amount (Php.)

ELWICK P. ACUÑA Engineer II

### d Widening - Primary Roads, Pagadian City - Zamboanga City Roa Zamboanga City

FORM-POW-2015-01D-00

Item No./Description Project Billboard/Signboard
4.00 each

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

Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated Contractor's Profit - As Submitted Contractor's Profit - As Evaluated Value Added Tax - As Submitted Value Added Tax - As Evaluated
- As Evaluated
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted
kg. 4.00
bd.ft. 200.00
pc. 4.00
Unit Quantity
No. of Units No. of Hour/s
2 16
1 16
1 16
No. of Person/s No. of Hour/s

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

### l Widening - Primary Roads, Pagadian City - Zamboanga City Roa Zamboanga City

FORM-POW-2015-01D-00

Item No./Description • •

: B.7
Occupation Safety & Health
: 7.33 month

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

				Total Unit Cost - As Evaluated	
296,142.40				Total Unit Cost - As Submitted	
				Value Added Tax - As Evaluated	
14,102.02				Value Added Tax - As Submitted	
				Contractor's Profit - As Evaluated	I.2
20,891.88				Contractor's Profit - As Submitted	1.1
			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
				Direct Unit Cost (E.2+F.2) - As Evaluated	_
261,148.50				Direct Unit Cost (E.1+F.1) - As Submitted	_
				Sub-Total for F-2 As Evaluated	
					F.2
				Equipment	
26,760.00				Sub-Total for F-1 As Submitted	
14,400.00	600.00	24.00	pc	d. Safety Hats	
2,400.00	100,00	24.00	рс	c. Rain Coats (Reinforced, Hip Length)	
360,00	15,00	24.00	pair	b. Working Gloves (Maong Materials)	F.1
9,600.00	400.00	24.00	pair	a. Rubber Boots (Long w/ Steel Toe, Black)	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
234,388.50				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	_
				Output per Hour - As Evaluated	D.2
ì				Output per Hour - As Submitted	
				Total (A.2+B.2) - As Evaluated	C.2
234,388.50				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					В.2
				Equipment	
60,000.00				Sub-Total for B-1 As Submitted	
60,000.00				a. Warning Signs and Barricades	. ;
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
174,388.50				Sub-Total for A-1 As Submitted	
acolaca: 10			,	- 1	
103.151.40	58.61	1760.00	1	h. First Aider	
71,237.10	80.95	880.00	1	a. Safety Practioner	A.1
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

ELWICK P. ACUÑA Engineer II

Checked/Reviewed

### l Widening - Primary Roads, Pagadian City - Zamboanga City Roa Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

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

B.9

Mobilization & Demobilization

1.00 L.S.

.. .. ..

K.2	<u>~</u>	J.2	J.1	1.2	I.1	H.2	H.1	G.2	G.1		F.2			E		E.2	E.1	D.2	D.1	C.2	C.1		В.2	T					B.1						A.	>	Τ	_	A.1	
2   Total Unit Cost - As Evaluated		Value Added Tax - As Evaluated	Value Added Tax - As Submitted		Contractor's Profit - As Submitted	_	_	_	_	Sub-Total for F-2 As Evaluated	2	Materials	Sub-Total for F-1 As Submitted	1 Materials	Name and Specification	$\perp$		Output per Hour - As Evaluated			Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		Fauinment	Sub-Total for B-1 As Submitted	g. Grader	f. Payloader	e. Dump Truck	d.	c. Backhoe	- 1	a. Low Bed Trailer	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated	Labor	odd-Todi loi o t no oddilliawa	Sub-Total for A-1 As Submitted	Labor	Designation
						aluated	ibmitted								Unit											þ	-	4	1	2	1	ъ		No. of Units						No. of Person/s
															Quantity											8	8	8	8	46	46	8		No. of Hour/s						No. of Hour/s
															Unit Cost											2,1/3,00	1,/33.00	1,420.00	3,379.00	1,537.00	2,450.00	4,255.38		Hourly Rate						Hourly Rate
	839,911.91	1	10.566/65	20.005.01	34,231.00	E4 221 60	07,789:30	67 799 50	0//,033.00	677 000 00			1		Amount (Php.)		677,895.00			1	677,895.00				677,895.00	00,920,00	65,320.00	56,800.00	135,160.00	61,480.00	98,000,00	170,215.00		Amount (Php.)				1		Amount (Php.)

Engineer II

Checked/Reviewed

Item No./Description

: 101(2)

Removal of Structure/Obstructions
: 23.76 cu.m. 22.00 each
: 5.00

Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s No. of Hour/		Designation	Desi
						Output per hour-As Evaluated
				5.00	3 <b>**</b> 3	Output per hour-As Submitted
			22.00 each	23.76 cu.m.	••	Unit of Measurement
				the same of the sa		

2 2	J.2	J.1	1.2	I.1	H.2	H.1	G.2	G.1	1	F.2	1		E		E.2	E.1	D.2	D.1	C.2	C.1		В.2		Τ			,				Π	7	> >		Γ	-	_	A.1			
				Contractor's Profit - As Submitted	_	_	_	_	_		Materials	Sub-Total for F-1 As Submitted	1 Materials			-			Total (A.2+B.2) - As Evaluated		Sub-Total for B-2 As Evaluated		Edulpinetir	Sub-10tal for B-1 As Subilificed	C.b. Total for B. 1 As Submitted	c. Dump Truck (12 cu.yd.)	b. Backhoe	_	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated			Labor	Sub-Total for A-1 As Submitted				a. Foreman	Lahor	Designation
					valuated	upillitied	hailtad							Unit												ŀ	1	1		No. of Units							4	2	1		No. of Person/s
														Quantity												0.25	0.5	0.5	0	No. of Hour/s							1		1		No. of Hour/s
														Unit Cost												1,420.00	1,557,00	1,986,10		Hourly Rate							45.16	58.61	80.95		Hourly Rate
-	610.83		29.52		40.02	1	50.03	1	500.27					Amount (Php.)		500.27	5003	3.00	700	2,301.37	2 504 24				2,122.55	333.00	255.00	769 50	000 05	Amount (Php.)					0,000	378.79	180,63	117.22	80.95		Amount (Php.)

Prepared by:

ELWICK P. ACUÑA Engineer II

Checked/Reviewed

## Road v ning - Primary Roads, Pagadian City - Zamboanga City - 2ad Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

101(4)a1
Removal of Structure/Obstructions
9.50 |n.m.
6.00

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

				2	
				Total Unit Cost - As Evaluated	K.2
457.85				Total Unit Cost - As Submitted	K.1
í				Value Added Tax - As Evaluated	J.2
21.80				Value Added Tax - As Submitted	J.1
1				Contractor's Profit - As Evaluated	I.2
29.56				Contractor's Profit - As Submitted	I.1
1			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
36.95			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
1				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
369.54				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Equipment	
				Sub-Total for F-1 As Submitted	
				Materials	F.1
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
369.54				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	E.1
				Output per Hour - As Evaluated	
6,00				Output per Hour - As Submitted	D.1
				Total (A.2+B.2) - As Evaluated	C.2
2,217.21				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					B.2
				Equipment	- 000
2,045.95				Sub-lotal for B-1 As Submitted	
				O Harris And Chaire	
508.95	1,017.90	0.5	ŀ	b. Boom Truck	
1,537.00	1,537.00	1	<u></u>	a. Backhoe	B.1
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
171.26				Sub-Total for A-1 As Submitted	
90.31	45.16	1	2	b. Unskilled Laborer	;
80.95	80.95	1	1	a. Foreman	>
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

Engineer II

Checked/Reviewed

## Road / ning - Primary Roads, Pagadian City - Zamboanga Ci yad Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

101(8)
Removal of Existing Guardralls
1,057.50 In.m.
20.00

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

				<b>&gt;</b>	
1				Total Unit Cost - As Evaluated	S
48.15				Total Unit Cost - As Submitted	2
19. P.				Value Added Tax - As Evaluated	J.2
2.29				Value Added Tax - As Submitted	J.1
1				Contractor's Profit - As Evaluated	1.2
3.11				Contractor's Profit - As Submitted	1.1
			aluated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Н.2
3.89			bmitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
38,86				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
i)				Sub-Total for F-1 As Submitted	,
				Materials	E
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
38.86				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	E.1
				Output per Hour - As Evaluated	D.2
20.00				Output per Hour - As Submitted	D.1
				Total (A.2+B.2) - As Evaluated	C.2
777.26				Total (A.1+B.1) - As Submitted	2
				Sub-Total for B-2 As Evaluated	
					в.2
				Equipment	
606,00				Sub-Total for B-1 As Submitted	
606.00	1,212.00	0.5	1	a, Cargo Truck	B.1
				To inment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
1/1/20				Sub-Total for A-1 AS Subfillitied	
171 26				C. t. Takel Co. A. 4 A. C. horibbod	
90,31	45.16	-	2	- 1	A.1
80.95	80,95	<u>_</u>	1	a Foreman	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

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

FORM-POW-2015-01D-00

Item No./Description

101(9)
Removal of Existing Guardrail Posts
431.00 each
8.00

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

	S		1.2	J.1	1.2	1.1	H.2	H.1	10.1	3	G.1		F.2			=700-	Ē		E.2	E.1	D.2	D.1	C.2	C.1		В.2			B.1				A.2			ì	<b>A</b>		
)	Total Unit Cost - As Evaluated	Total Unit Cost - As Submitted	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Offic Cost (Fizit 17) - 43 Evaluation	Direct Unit Cost (F 2+F 2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		Materials	Sub-Total for F-1 As Submitted		Materials	Name and Specification	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	Direct Unit Cost (C.1 ÷ D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted	a. Cargo Truck	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	b. Unskilled Laborer	a. Foreman	Labor	Designation
							luated	omitted										Unit											ļ.		No. of Units					2	р.		No. of Person/s
																		Quantity											0.5		No. of Hour/s					1	1		No. of Hour/s
																		Unit Cost											1,212.00		Hourly Rate					45.16	80.95		Hourly Rate
		120.38		5.73		1.11	1 ,	5.72	0.72		97.16				,			Amount (Php.)		97.16		8.00	1	777.26				606.00	606.00		Amount (Php.)				171.26	90.31	80.95		Amount (Php.)

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

Item No./Description

102(2) Surplus Common Excavation 24,851.66 cu.m. 60.00

.. .. ..

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

J.2 Value Added Ta		L	┸				H.1 Overhead, Cont	G.2 Direct Unit Cost	_	_	Sub-Total for E-2 As Evaluated	E 2	Materials	Sub-Total for F-1 As Submitted	F.1 Materials		E.2 Direct Unit Cost	┸	┸	_	_	C 2 Total (A 2+B 2) - As Evaluated	_	Sub-Total for B-2 As Evaluated	B.2	 Fauinment	Sub-Total for B-1 As Submitted	Minor Tools	c. Dump Iruc	c.	B.1 b. Payloader (1.50 cu.m.)	a. Bulldozer, I	Equipment		Sub-Total for A-2 As Evaluated	A.2	Labor	Sub-Total for A-1 As Submitted	b. Unskilled Laborer	a. Foreman	Labor		
Total Unit Cost - As Submitted	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Pront - As Evaluated	Contractor's Profit - As Subhinted	fit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+r.1) - As Subilitied	(F1:F1) As Submitted	2 As Evaluated			1 As Submitted		Name and Specification	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	Direct Offic Cost (C.1 - D.1) - As Subifficied	- AS Evaluated	- As Subillined	As Culpmitted	- As Evaluated	- As Submitted	2 As Evaluated			1 As Submitted	10% of Labor	Dump Truck (12 cu.ya.)	Payloader (1.50 cu.m.) - diposal site	1.50 cu.m.)	Bulldozer, D6H SERIES II PSDS/DD		Name and Capacity	2 As Evaluated			L AS Submitted	borer			Designation	
						valuated	Submitted									Unit													2	, 1-	1	1		No. of Units					2	1		No. of Person/s	
																Quantity													1	0.25	1	1		No. of Hour/s					1	1		No. of Hour/s	
																Unit Cost													1,420.00	1,/33.00	1,/33.00	3,379.00		Hourly Rate					45.16	80.95		Hourly Rate	
177.05	1	8.43	0 43		11.43	-	14.29	•	142,83	147 80						Amount (Php.)		142,05	147 00	00.00	60.00	-	8,573.64				8,402.38	17.13	2,840.00	433.25	1,/33.00	3,379.00		Amount (Php.)				1/1.26	90.31	80.95		Amount (Php.)	

Engineer II

Prepared by:

Checked/Reviewed

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

FORM-POW-2015-01D-00

Item No./Description 103(1)a

Structure Excavation 652.00 cu.m.

Unit of Measurement
Output per hour-As Submitted 20.00

Output per hour-As Evaluated

B.1 A.1 **B.2** A.2 F.2 F.1 Contractor's Profit - As Evaluated
Value Added Tax - As Submitted
Value Added Tax - As Evaluated
Total Unit Cost - As Submitted Sub-Total for B-2 As Evaluated
Total (A.1+B.1) - As Submitted
Total (A.2+B.2) - As Evaluated
Output per Hour - As Submitted
Output per Hour - As Evaluated a. Dump Truck (12 cu.yd.)
b. Backhoe (0.80 cu.m.) Materials Sub-Total for F-2 As Evaluated

Direct Unit Cost (E.1+F.1) - As Submitted

Direct Unit Cost (E.2+F.2) - As Evaluated

Overhead, Contingencies & Miscellaneous (OCM) - As Submitted

Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated

Contractor's Profit - As Submitted Labor Total Unit Cost - As Evaluated Direct Unit Cost (C.1  $\div$  D.1) - As Submitted Direct Unit Cost (C.2  $\div$  D.2) - As Evaluated a. Foreman b. Unskilled Laborer Sub-Total for F-1 As Submitted Equipment Equipment Sub-Total for B-1 As Submitted Minor Tools Sub-Total for A-2 As Evaluated Sub-Total for A-1 As Submitted Name and Specification 10% of Labor Name and Capacity Designation No. No. of Units of Person/s Unit No. of Hour/s No. of Hour/s Quantity Hourly Rate Hourly Rate Unit Cost 1,420.00 1,537.00 45,16 80.95 Amount (Php.) Amount (Php.) Amount (Php.) 2,840.00 1,537.00 4,615.06 4,398.64 216.42 230.75 230.75 135,47 285.90 80.95 18.46 23.08 20.00 21,64 13.61

Prepared by:

Engineer II

Checked/Reviewed

Item No./Description

103(3)
Foundation Fill
15.00 cu.m.
1.25

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

				Total Offic Cost - As Evaluated	7.7
3,372.08				Total Unit Cost - As Submitted	S C
				Value Added Tax - As Evaluated	J.2
160.58				Value Added Tax - As Submitted	
				Contractor's Profit - As Evaluated	I.2
217.73				Contractor's Profit - As Submitted	I.1
			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
272.16			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
2,721.61				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
				Haceridia	F.2
2,373.43				Sub-Total for F-1 As Submitted	
2,373.43	2,063.85	1.15	cu.m.	a. Filling Materials (Well Graded Sand)	
				Materials	T T
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
348.19				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	
				Output per Hour - As Evaluated	
1.25				Output per Hour - As Submitted	D.1
100,60				Total (A.2+B.2) - As Evaluated	C.2
725				Total (A.1+B.1) - As Submitted	2
				Cub Total for B-2 Ac Evaluated	
					В.2
				Equipment	
173.66				Sub-Total for B-1 As Submitted	
26.16				Minor Tools 10% of Labor	
24.50	2,450.00	0.01	1	Luck	
123.00	123.00	1	1	Equipment a. Plate Compactor (5 hp)	B.
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
261.58				Sub-Total for A-1 As Submitted	
180.63	45.16	-	4	D. OTISKIIEG LADOFEF	
80.95	80.95	1	1		A.1
				15	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by

Checked/Reviewed



Item No./Description

103(6)a
Pipe Culverts and Drain Excavation
192.00 cu.m.
20.00

. . . .

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

				Total Unit Cost - As Evaluated	K.2
285.90				Total Unit Cost - As Submitted	<u>V</u>
				Value Added Tax - As Evaluated	J.2
13,61				Value Added Tax - As Submitted	J.1
1				Contractor's Profit - As Evaluated	I.2
18.46				Contractor's Profit - As Submitted	I.1
t			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
23.08			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
1				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
230.75				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
				Sub-Total for F-1 As Submitted	
				I IMPORTATIO	
				Materials	Ξ
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
230.75				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	E,1
				Output per Hour - As Evaluated	D.2
20.00				Output per Hour - As Submitted	D.1
1				Total (A.2+B.2) - As Evaluated	C.2
4,615.06		10		Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					в.2
				Edulpinois	
1,000,01				En linment	I
4 398 64				Sub-Total for R-1 As Submitted	
21,64				Minor Tools 10% of Labor	
1,537.00	1,537.00	1	1	b. Backhoe (0.80 cu.m.)	j
2,840.00	1,420.00	1	2	a. Dump Truck (12 cu.yd.)	27
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.K
				Labor	
216,42				Sub-Total for A-1 As Submitted	
135,47	45.16	1	ω	b. Unskilled Laborer	į
80.95	80.95	ı	h	a. Foreman	<u> </u>
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
	A COUNTY OF THE PARTY OF THE PA	Con Contract of the Contract o	STATE OF THE PROPERTY OF THE P	明 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

Prepared by: ELWICK P. ACUÑA Engineer II

Checked/Reviewed

Item No./Description

: 104(1)a Embankment from Roadway Excavation : 18,653.50 cu.m. : 50.00

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

7.1	┸		┸	3 1			_		G.1 D	S	F.2	_	l (N)	 F.1		E.2 D				C.2 T	_	s)	_	, T	J T	m	ιω I	1.		-le	S	B.1	T	In.	ارج	m		SI	A.2 T	;	5	<u>က</u>	Ī-	0, [	_	<u> </u>	, 12	15	1	
Total Unit Cost - As Sublitized	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Colluació s Ploit - As Evaluated	Contractor's Profit - As Evaluated	Contractor's Brofit - As Submitted		(OCM) -	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		Equipment	Sub-Total for F-1 As Submitted	Materials	Name and Specification	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	Direct Unit Cost (C.1 ÷ D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	(A.2+B.2) -	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated				Equipment	Sub-Total for B-1 As Submitted	c. Water Huck/Fullip (16000L)		Motorized Road Grader (	(0)	c. Dump Truck (12 cu.yd.)	b. Payloader (1.50 cu.m.)	a. Bulldozer, D6H Series II PSDS/DD	For Excavation Work	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated			Labor	Sub-Total for A-1 As Submitted	b. Unskilled Laborer	a, Foreman		b. Unskilled Laborer	a Foreman	Labor		Designation
						aluated	As Submitted								Unit													ļ		-		2	1	1			No. of Units						2	1		2 +	-			No. of Person/s
															Quantity													0.23	0 2F	٠ -		0.83	0.83	0.83			No. of Hour/s						1	1		0.83	0.83			No. of Hour/s
															Unit Cost													2,730.00	2 450 00	2,1/3.00		1,420.00	1,733.00	3,379.00			Hourly Rate						45.16	80.95		45.16	26.08			Hourly Rate
1 00000	286 09	13.62	13.63		18.47	,	23.09		230.90						Amount (Php.)		230.90		50.00	1	11,545.07						11,231.66	012:30	2,070,00	2,1/3.00		2,357.20	1,438.39	2,804.57			Amount (Php.)					313.41	90.31	80.95		74.96	67 19		(. t)	Amount (Php.)

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

Item No./Description

105(1)a Subgrade Preparation 39,025.50 cu.m. 300.00

.. .. ..

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

7.5					I.2	I.1	H.2	_	1_			i	_		E		_		D.2	D.1		C.1		ŗ	D S					8.1	_				A.2			 }	<u> </u>		
Total Offices: - As Evaluated	Total Heir Cost As Fredricted	Total I Init Cost - As Submitted	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Offic Cost (C.1+F.1) - As subfillitied	Direct Init Cost (E 1 LE 1) As Submitted	Sub-Total for E-2 As Evaluated	Materials	Sub-Total for F-1 As Submitted	Materials	Name and Specification	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	Direct Unit Cost (C.1 ÷ D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated			Equipment	Sub-Total for B-1 As Submitted	- 1	- 1		a. Backhoe (0.80 cu.m.)	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	b. Unskilled Laborer	a, Foreman	Labor	Designation
							luated	mitted								Unit												,	4	1	1		No. of Units					2	1	4	No. of Person/s
																Quantity												O.P.O	0.25	1	1		No. of Hour/s					1	1		No. of Hour/s
																Unit Cost												-/ 100100	2,450.00	1,846,00	2,173.00		Hourly Rate					45.16	80.95		Hourly Rate
. 1	10:0	19.84		0.94	•	1.28		1.60	1	10:01	1601					Amount (Php.)		16.01		300.00	1	4,802.76					4,631.50	CARTING	612.50	1,846,00	2,173.00		Amount (Php.)				171.26	90.31	80.95		Amount (Php.)

ELWICK P. ACUÑA Engineer II

Checked/Reviewed

## Road \ ning - Primary Roads, Pagadian City - Zamboanga Ci >ad Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

200(1)
Aggregate Subbase Course: 15,865.50 cu.m.
50.00

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

ELWICK P. ACUÑA Engineer II

Item No./Description

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

300(1) Gravel Surface Course 1,845.00 cu.m. 50.00

				0	
ï				Total Unit Cost - As Evaluated	K.2
2,059.44				Total Unit Cost - As Submitted	
r				Value Added Tax - As Evaluated	J.2
98.07				Value Added Tax - As Submitted	J.1
¥				Contractor's Profit - As Evaluated	I.2
132.97				Contractor's Profit - As Submitted	I.1
			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
166.22			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
				Direct Unit Cost (E.2+F.2) - As Evaluated	_
1,662.18				Direct Unit Cost (E.1+F.1) - As Submitted	
				Sub-Total for F-2 As Evaluated	
					F.2
				Equipment	
1,566.13				Sub-Total for F-1 As Submitted	
				mar 2070 monage ractor)	
1,566.13	1,301.85	1.15	cu.III.	d. Officialied Aggregate Surface Course	F
	1 200 05				n .
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
96.06				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	
				Output per Hour - As Evaluated	D.2
50.00				Output per Hour - As Submitted	D.1
i				Total (A.2+B.2) - As Evaluated	C.2
4,802.76				Total (A.1+B.1) - As Submitted	
				Sub-Total for B-2 As Evaluated	
					В.2
				Equipment	
4,631.50				Sub-Total for B-1 As Submitted	
612.50	2,450.00	0.25	1	c. Water Truck/Pump (16000 L)	
1,846.00	1,846.00	1	1	į,	
2,173.00	2,173.00	1	1	a.	B.1
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				ENDO	
				lahor	
171.26				Sub-Total for A-1 As Submitted	
90.31	45.16	1	2	b. Unskilled Laborer	į
80.95	80.95	1	1	a. Foreman	Δ.
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

ELWICK P. ACUÑA Engineer II

Checked/Reviewed

Item No./Description

311(1)a
Portland Cement Concrete Pavement
1,160,00 sq.m.
107,33

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

Designation No. of Person/s No. of Hour/s Hourly Rate					Labor
	Ψ¥	No. of Hour/s	No. of Person/s	gna	

					- 1
1,220./2				Total Unit Cost - As Evaluated	2
1 220 7				Total I loit Cost - As Evaluated	
62.89				Value Added Tax - As Submitted	1 1.1
				Contractor's Profit - As Evaluated	
85.28				Contractor's Profit - As Submitted	
			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
106,60			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
7)				Direct Unit Cost (E.2+F.2) - As Evaluated	
1,065.98				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
				Materials	F.2
945.82				Sub-Total for F-1 As Submitted	
0.17	112.50	0.0015	_	j. Grease/Tar	
0.48	61,00	0.0078	m.	i. Pipe Sleeve, 2" dia.	
0.38	2,500.00	0.00015	pc.	h. Concrete Saw (Diamond Blade 14" dia.)	
441.87	309.00	1.43	bag	g. Cement	
279.58	1,863.85	0.15	cu.m.	- 1	
170.27	2,063.85	0.0825	cu.m.	e .	F.1
18.40	40.00	0.46	Э	1	
12,00	100.00	0.12	-		
10.15	35,00	0.29	-		
12.54	38.00	0.33	ko.	a. Reinforcing Steel Bar	
				Materiale	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
120.16				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	E.1
				Output per Hour - As Evaluated	D.2
107.33				Output per Hour - As Submitted	D.1
12,890.73				Total (A,2+B,2) - As Evaluated	C <sub>2</sub>
17 806 73				Total (A.1+B.1) - As Submitted	2
				Sub-Total for R-2 As Evaluated	D.2
				Equipment	<del>ا</del>
12,039.47				Sub-Total for B-1 As Submitted	
42.86				Mnor Tools 5% of Labor	
21.98	219.75	0.1	1		
32,63	32,63	1	1	g. Concrete Saw (7.5 hp), 14" Blade dia.	
2,450.00	2,450.00	ь	н		
545.00	545.00	<b>1</b>	н -	ē.	8.1
1,733,00	1 733 00	٠,	r	م ا	ı
182.50	91.25	. -		C Concrete Ratching Plant (30 cum)	V
5,272.00	1,318.00		4 4		
				=	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	I
					A.2
A41.100				Labor	
857.26				Sub-Total for A-1 As Submitted	-
541.88	45.16	P	12	b. Unskilled Laborer	
234.44	58.61	Д	4		
80.95	80.95	1	1	ام	A.1
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Engineer II

Checked/Reviewed

Item No./Description

: 311(1)e1
Portland Cement Concrete Pavement
: 27,684.50 sq.m.
: 57.50

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

K.>	<u>7.1</u>	J.2	J.1	1.2	1.1	H.2	H.I	G.2	G.1		F.2	1	Γ	-			_		į	П	-					E.2	E	D.2	D.1	C.2	2	8.2	) )	Γ					B.1							A.2				A.1			
Total Unit Cost - As Evaluated	Total Unit Cost - As Submitted	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		Materials	Sub-Total for F-1 As Submitted	). Alcoay) al	i Greace/Tar	-	- 1	n Cement	- 12		d Steel Forms (Rental)	C Asphalt Sealant	h Curing Compound	18	Name and Specification	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	Direct Unit Cost (C.1 ÷ D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for R-2 As Evaluated	Equipment	Sub-Total for B-1 As Submitted	Mnor Tools 5% of Labor	- 1	g. Concrete Saw (7.5 hp), 14" Blade dia.	f Water Truck/Pump (16000 I)	- 1		b. Concrete Vibrator	a. Transit Mixer (5 cu.m.)	Follinment	Name and Capacity	Sub-Total for A-2 As Evaluated	Labor	Sub-lotal for A-1 As Submitted	Cub Total few A 4 As Cubmitted	b. Unskilled Laborer	b. Skilled Laborer	a. Foreman	Labor	Designation
						aluated	bmitted							-	- :	3 2	DC Sug	han	CI M	2 1	3 1		- ķ.	5	Unit											-	۲,	<u> </u>	.   1-	1	2	4		No. of Units					12	4			No. of Person/s
														0.0070	0.0078	0.0078	0.00015	286	8C U	0.10	0.45	0.17	0.30	0.50	Quantity											0.1	٠,	-   F	. 1	1	1	1		No. of Hour/s					1	1	-		No. of Hour/s
														112,00	112 50	61 00	2 500 00	00 005	1 863 85	2 063 85	40.00	100.00	35.00	28 00	Unit Cost											219.75	32.63	2 450 00	1,733.00	1,759.50	91.25	1,318.00		Hourly Rate					45.16	58.61	80.95		Hourly Rate
•	2,418.80	1	115,18	1	156.18		195.22		1,952.22				1,727.93	0.00	0.10	0.38	8E U	821 94	E21 80	347.83	18 40	17.00	10.15	10.00	Amount (Php.)		224.29		57.50	-	12.896.73			12,039.47	 42.86	21 98	37 63	2 450 00	1,733.00	1,759.50	182.50	5,272.00		Amount (Php.)			857.26		541.88	234.44	80 oz	11 日本	Amount (Php.)

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

Item No./Description

404(1)a Reinforcing Steel, Grade 40 14,079.00 kg. 180.00

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

				Total Utilic Cost - As Evaluated	7.5
				Total Unit Cost - As Submitted	
				Value Added Tax - As Evaluated	
				Value Added Tax - As Submitted	
				Contractor's Profit - As Evaluated	1.2
				Contractor's Profit - As Submitted	L
			uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	
			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	_
				Direct Unit Cost (E,2+F,2) - As Evaluated	
				Direct Unit Cost (E.1+F.1) - As Submitted	_
				Sub-Total for F-2 As Evaluated	(0)
					7.7
				Materials	
				Sub-Total for F-1 As Submitted	(0)
				(with 5% wastage)	_
	38.00	1.05	ķ	b. Reinforcing Steel Bar	
	100.00	0.02	kg.	1	F.
				Materials	11
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	E.1
				Output per Hour - As Evaluated	
				Output per Hour - As Submitted	
				Total (A.2+B.2) - As Evaluated	C.2 -
				Total (A.1+B.1) - As Submitted	
				Sub-Total for B-2 As Evaluated	
					В.2
				Equipment	-
				Sub-Total for B-1 As Submitted	10
	1,212.00	0.15	-	C. calgo Hack (3 - 10 Hit)	
	351.50	0.5		1	_
	219.75	0.5	ļ.	a. Bar currer	B.1 -
				Equipment	1-1
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
				Sub-Total for A-1 As Submitted	
	45.16	1	8	b. Unskilled Laborer	_
	58.61	۲	2	- 1	A.L
	80.95	1	1	a, Foreman	_
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by

Checked/Reviewed

....

Item No./Description

405(1)a3 Structural Concrete, Class "A" 348.00 cu.m. 1.40

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

				Total Unit Cost - As Evaluated	2
10.000				Total I Init Cost - As Evaluated	
496.37				Value Added Tax - As Submitted	1,1
				Contractor's Profit - As Evaluated	
673.05				Contractor's Profit - As Submitted	_
•			uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	
841.31			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
8,413.12				Direct Unit Cost (F.2±F.2) - As Evaluated	3 5
0 45 45				Direct Unit Cost (E 1+E 1) - As Submitted	5
				Sub-Total for E 3 As Evaluated	
					F.2
6,964.28				Materials	
				O.F. Harrison	
1,863.85	1,863.85	1.00	cu.m.	1 1	
1,031,93	2,063.85	0.50	cu.m.	A	
2 935 50	309.00	9.50	bao	d. Cement	i
440.00	1,100.00	1.60	pc.	, 0	n
647.50	37.00	70.00	bd.ft.	a. Lumber, Good - 4 uses	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
2/110100				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
1.448.85				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	E
1.40				Output per Hour - As Submitted	3 2
-				Total (A.2+B.2) - As Evaluated	C.2
2,028.39				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	2
				Equipment	B 3
756.07				Sub-Total for B-1 As Submitted	
00,00					
63.62	1,212.00	0.1	-	Minor Tools 5% of Labor	
351.50	351,50	2		,   0	ā.
219.75	219.75	1	1	-	2
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
					;
				Labor	
1,272.32				Sub-Total for A-1 As Submitted	Γ
301.25	OTICE				
234,44	36.01 16.16		20 -4	h Unskilled Laborer	
77.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.	TO 64	-	4	a Skilled Laborer	
361.25	45.16	1	cc		A.L
234,44	58.61	-	4.	ē	>
80.95	80.95	1	1	a. Foreman	
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
					1

ELWICK P. ACUÑA Engineer II

Checked/Reviewed

## Road W ing - Primary Roads, Pagadian City - Zamboanga City ad Zamboanga City

FORM-POW-2015-01D-00

Item No./Description

: 500(1)b3
Pipe Culverts
: 129.00 ln.m.

Output per hour-As Evaluated	Output per hour-As Submitted	Unit of Measurement
		-
	1.00	T23.00 III.III.

3,030,43				Ü	7.71
				Total Unit Cost - As Submitted	5 5
2 000 42					J.2
183.35					J.1
				Contractor's Profit - As Evaluated	I.2
248.62					1.1
			aluated	1	H.2
310.77			pmitted	$\Box$	H.1
-					G.2
3,107.69					G.1
				Sub-Total for F-2 As Evaluated	
				2	F.2
				Materials	
2,388.79				Sub-Total for F-1 As Submitted	
264.17	2,063.85	0.13	cu.m.	d. Sand Bedding/Selected Sandy Soil	
1,665.00	1,665.00	1.00	pc.	c. RC Pipes (910 mm. dia.)	
125.89	2,063.85	0.06	cu.m.		F.1
333.72	309.00	1.08	bag	a. Cement	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
718.90				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	E.1
					D.2
1,00					D.1
					C
718.90				Total (A 1+B 1) - As Submitted	2
				Cub-Total for B-2 Ac Evaluated	
					B.2
				Equipment	
502.99				Sub-Total for B-1 As Submitted	
21.59				Minor Tools 10% of Labor	
35.67	123.00	0.29	1	Þ.	5.1
445.73	1,537.00	0.29	-	a. Backhoe (0.80 cu.m.)	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	-
					ì
					Α.2
				Labor	
215.91				Sub-Total for A-1 As Submitted	
				- 1	
102.96	45.16	0.57	4		
66.81	58.61	0.57	2	2 6	A.1
46.14	80.95	0.57	-	15	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

Item No./Description

505(2)a Grouted Riprap, Class "A" 49.00 cu.m. 1.25

.. .. ..

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

				Total Offic Cost - As Evaldacca	7.7
5,204,40				_	2
1 30				Value Added Tax - As Evaluated	J.2
250.69				Value Added Tax - As Submitted	J.1
				Contractor's Profit - As Evaluated	1.2
339.91					L
			aluated		H.2
424.89			bmitted		H.1
				_	3 5
4,248.91				-	G1
				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
3,521.02				Sub-Total for F-1 As Submitted	
34.86	The contract	1.00	cd.III.	II. Boulder  Miscellaneous 1% of Material Cost	S.
1.852.04	1.763.85	0.015	sq.m.	e. Filter Cloth	
08.00T	536.00	0.30	m.	ġ.	;
27.96	1,863.85	0.015	cu.m.	c.	TI .
515.96	2,063.85	0.25	cu.m.	- 1	
927.00	309.00	3.00	bag	a. Cement	
Canada Confes	Cilit Cook	Qualitary	Si F	Natile alia Specificanii	
Amount (Phn )	Hait Cost	Ougatik		Circle Cities Constitution	1
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	5 5
727.89				Output per Hour - As Evaluated	D.2
Z.2.1				Output per Hour - As Submitted	D.1
				Total (A.2+B.2) - As Evaluated	C.2
909.86				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					B.2
				Equipment	
350.44				Sub-Total for B-1 As Submitted	
55,54				Minor Tools 10% of Labor	
122,50	2,450.00	0.05	1	b. Water Truck/Pump (16000 L)	
172.00	172.00	1	1	a. One Bagger Mixer	
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
559.42				Sub-Total for A-1 As Submitted	
361.25	45.16	12	8	c. Unskilled Laborer	
117.22	58.61	т	2	b. Skilled Laborer	A.1
80.95	80.95	-	1	a. Foreman	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

Item No./Description

.. .. .. 506(1) Stone Masonry 119.50 cu.m. 1.60

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

<ul> <li>J.2 Value Added Tax - As Evaluated</li> <li>K.1 Total Unit Cost - As Submitted</li> <li>K.2 Total Unit Cost - As Evaluated</li> </ul>						G.2 Direct Unit Cost		i	F 2	Materials	Cub-Total for E	Miscellaneous	f. Boulder			٥	- 1	Materials			$\overline{}$	$\rightarrow$	-																				
Value Added Tax - As Evaluated Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.1+F.1) - As Submitted	-2 As Evaluated			Materials	1 As Submitted	1% of Material Cost			s (PVC)				Name and Specification	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	,	Direct Unit Cost (C.1 ÷ D.1) - As Submitted	Output per Hour - As Submitted Output per Hour - As Evaluated Direct Unit Cost (C.1 ÷ D.1) - As Submitted	- As Evaluated r - As Submitted r - As Evaluated t (C.1 ÷ D.1) - As Submitted	- As Submitted - As Submitted - As Evaluated r - As Submitted r - As Submitted r - As Evaluated (C.1 ÷ D.1) - As Submitted	2 As Evaluated - As Submitted - As Evaluated r - As Submitted r - As Submitted r - As Evaluated c (C.1 ÷ D.1) - As Submitted	2 As Evaluated - As Submitted - As Evaluated r - As Submitted r - As Submitted r - As Evaluated (C.1 ÷ D.1) - As Submitted	2 As Evaluated - As Submitted - As Evaluated r - As Submitted r - As Submitted r - As Evaluated (C.1 ÷ D.1) - As Submitted	1. As Submitted 2. As Evaluated - As Submitted - As Submitted - As Submitted r - As Submitted r - As Submitted c (C.1 ÷ D.1) - As Submitted	1 As Submitted  1 As Submitted  2 As Evaluated  - As Submitted  - As Submitted  r - As Submitted  r - As Submitted  r - As Submitted  r - As Submitted	Backhoe (Wheel Type, 0.28 cu.m.)  r Tools 10% of Labor  Total for B-1 As Submitted  pment  Total for B-2 As Evaluated  1 (A.1+B.1) - As Submitted  1 (A.2+B.2) - As Evaluated  2 (A.2+B.2) - As Evaluated  2 (A.2+B.2) - As Evaluated  3 (A.2+B.2) - As Submitted  3 (A.2+B.2) - As Submitted  3 (A.2+B.2) - As Submitted  4 (A.2+B.2) - As Submitted  5 (A.2+B.2) - As Submitted  6 (A.2+B.2) - As Submitted	Water Truck/Pump (16000 L)  Backhoe (Wheel Type, 0.28 cu.m.)  Prools 10% of Labor  Total for B-1 As Submitted figment  Total for B-2 As Evaluated figment  Total for B-2 As Submitted figment  Total for B-3 As Submitted figment  Total for B-4 As Submitted figment  Total for B-5 As Evaluated figment  Total for B-6 As Submitted figment  Total for B-7 As Submitted figment  Total for B-7 As Submitted figment  Total for B-8 Submitted  Total for B-1 As Submitted  Total for B-1 As Submitted  Total for B-1 As Submitted	k/Pump (16000 L) heel Type, 0.28 cu.m.) 10% of Labor  1 As Submitted  2 As Evaluated - As Submitted - As Submitted r - As Submitted r - As Submitted (C.1 ÷ D.1) - As Submitted	Name and Capacity  r Mixer (k/Pump (16000 L)  Wheel Type, 0.28 cu.m.)  10% of Labor  1 As Submitted  1 As Submitted  - As Submitted	Name and Capacity  Name and Capacity  I Mixer  K/Pump (16000 L)  Wheel Type, 0.28 cu.m.)  10% of Labor  1 As Submitted  - As Submitted	Name and Capacity  Name and Capacity  r Mixer k/Pump (16000 L) theel Type, 0.28 cu.m.) 10% of Labor 1 As Submitted 1 As Submitted - As Submitted	Name and Capacity  I Mixer  K/Pump (16000 L)  Wheel Type, 0.28 cu.m.)  10% of Labor  1 As Submitted  - As Submitted	Name and Capacity  Name and Capacity  r Mixer (k/Pump (16000 L) Wheel Type, 0.28 cu.m.) 10% of Labor 1 As Submitted - As Submitted - As Submitted - As Evaluated - As Evaluated - As Submitted - As Submitted - As Submitted - As Submitted	1 As Submitted  2 As Evaluated  Name and Capacity  Name and Capacity  Intel Type, 0.28 cu.m.)  10% of Labor  1 As Submitted  - As Submitted	1 As Submitted  2 As Evaluated  Name and Capacity  Name and Capacity  10% of Labor  10% of Labor  1 As Submitted  - As Submitted	iborer  1 As Submitted  2 As Evaluated  Name and Capacity  Neel Type, 0.28 cu.m.)  10% of Labor  1 As Submitted  - As Submitted  - As Submitted  - As Evaluated  - As Evaluated  - As Evaluated  - As Submitted  r - As Submitted  r - As Submitted  r - As Submitted	iborer  I As Submitted  1 As Submitted  2 As Evaluated  Name and Capacity  Neel Type, 0.28 cu.m.)  10% of Labor  1 As Submitted  - As Submitted  r - As Submitted	iborer  1 As Submitted  2 As Evaluated  Name and Capacity  r Mixer k/Pump (16000 L) theel Type, 0.28 cu.m.) 10% of Labor 10% of Labor 1 As Submitted - As Submitted - As Evaluated - As Evaluated r - As Submitted r - As Submitted r - As Submitted r - As Submitted
				; Evaluated	Submitted								cu.m.	sq.m.	m.	cu.m.	cu.m.	bag	Unit												1	1		No. of Units  1 1 1 1	No. of Units  1 1 1	No. of Units	No. of Units  1 1 1	No. of Units	No. of Units	No. of Units	No. of Units	1 2 8 8 No. of Units	1 2 2 8 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1
													1.05	0.015	0.30	0.20	0.30	5.50	Quantity												0.1	0.05 0.1	0.05 0.1	No. of Hour/s  1 0.05 0.1	No. of Hour/s  1 0.05 0.1	No. of Hour/s  1 0.05 0.1	No. of Hour/s  1 0.05 0.1	No. of Hour/s  1 0.05 0.1	No. of Hour/s  1 0.05 0.1	No. of Hour/s  1 0.05 0.1	1 1 No. of Hour/s 0.05 0.1	1 1 1 No. of Hour/s 0.05 0.1	1 1 1 1 No. of Hour/s 0.05 0.1
													1,763.85	160.00	536.00	1,863.85	2,063.85	309.00	Unit Cost												922.00	2,450.00 922.00	172.00 2,450.00 922.00	Hourly Rate 172.00 2,450.00 922.00	Hourly Rate 172.00 2,450.00 922.00	Hourly Rate 172.00 2,450.00 922.00	Hourly Rate 172.00 2,450.00 922.00	Ноипу Rate 172.00 2,450.00 922.00	Ноип'у Rate 172.00 2,450.00 922.00	45.16 Hourly Rate 172.00 2,450.00 922.00	58.61 45.16 Hourly Rate 172.00 2,450.00 922.00	80.95 58.61 45.16 Hourly Rate 172.00 2,450.00 922.00	80.95 58.61 45.16 Hourly Rate 172.00 2,450.00 922.00
6,665.85	317.42		430.40		538.00	2,200	20 U8E 3			1,000	4.753.73	47.07	1,852.04	2.40	160.80	372.77	619.16	1,699,50	Amount (Php.)			626.	626	1.626	1,002	1,002 1 1	1,002 1 1	1,002	442. 1,002. 1 1 1	1,002 1,002	92. 55. 442. 1,002. 1 1	122. 92. 55. 442. 1,002. 1	172. 122. 92. 55. 442. 1,002.	Amount (Php.) 172. 122. 92. 55. 1,002. 1,002.	Amount (Php.) 172. 122. 92. 55. 1,002. 1,002.	Amount (Php.) 172. 122. 92. 55. 1,002. 1,002.	Amount (Php.) 172. 122. 92. 55. 1,002. 1,002.	Amount (Php.) 172. 172. 122. 92. 55. 442. 1,002.	559.  Amount (Php.)  172 122 92 55 55 1,002	361. 559. 559. Amount (Php.) 172. 122. 92. 55. 542. 1,002. 1,002.	117. 361. 559. Amount (Php.) 172. 122. 92. 55. 55. 1,002.	80.9 117.3 361.1 559.  Amount (Php.)  Amount 172.1 122.1 92.1 55.1 - 1,002 1,002 1.	80.95 117.22 361.25 359.42 559.42 Amount (Php.) Amount (2.50 172.50 92.20 55.94 442.64 1,002.06

ELWICK P. ACUÑA Engineer II

Prepared by

Checked/Reviewed

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

FORM-POW-2015-01D-00

Item No./Description

612(1)
Reflectorized Thermoplastic Pavement Markings (White)
1,240.00 sq.m.
25.00

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

				Total Unit Cost - As Evaluated	K.2
917.15				Total Unit Cost - As Submitted	
- 10:07				Value Added Tax - As Evaluated	
43.67				Value Added Tay - As Submitted	
1				Contractor's Profit - As Evaluated	1.2
59 22			luaten	Contractor's Profit - As Submitted	Τ.
/4.02			As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Sur	
1 ,				Direct Unit Cost (E.2+F.2) - As Evaluated	_
740.23				Direct Unit Cost (E.1+F.1) - As Submitted	_
				Sub-Total for F-2 As Evaluated	_
					7.7
					ם נ
				Piderials	
20,770			-	Materials	
677 07				Sub-Total for E.1 As Submitted	
32.24				Miscellaneous 5% of Material Cost	
12.50	100.00	0.13	kg.	10	
1.66	828.00	0.00	cyl.	e. LPG (12 kg.)	
13.80	3,450.00	0.00	cyl.	d. LPG (50 kg.)	;
19.20	160.00	0.12		C.	1
82.50	2,500.00	0.03	bag	b. Glass Beads	
515.13	1,585.00	0.33	bag	a. Thermoplastic Paint (White)	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
63.21				Direct Unit Cost (C.1 + D.1) - As Submitted	$\Box$
10.00				Output per Hour - As Evaluated	D.2
25.00				Output per Hour - As Submitted	
1,580.27				Total (A.1+B.1) - As Submitted	C1
				Sub-Total for B-2 As Evaluated	_
					В.2
				Equipment	
1,111.16				Sub-Total for B-1 As Submitted	
TC:0L				Fill of Tools 10% of Labor	
187.50	187.50	1	1	JG M	
93.75	93.75	1	1	b.	B.1
783.00	783.00	1	1		
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
469,11				Sub-Total for A-1 As Submitted	
270.94	45.16	1	6		
117.22	58.61	-	2	b. Skilled Laborer	A.1
80 OF	20 0g	-	-	a Foreman	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

ISIDRA A. ESTANISLAO
Engineer IV

mm

## UNIT COST ANALYSIS FOR HAULING COST FOR PORTLAND CEMENT

TOTAL QUANTITY REQUIREMENTS FOR PORTLAND CEMENT

79 484 14	
657.25	Stone Masonry
147.00	Grouted Riprap, Class "A"
139.32	Pipe Culverts
3,306.00	Structural Concrete, Class "A"
73,640.77	Porlland Cement Concrete Pavement
1,658,80	Portland Cement Concrete Pavement
135.00	Construction of Field Office for the Engineer
QUANTITY (Bags)	DESCRIPTION

Quantity = 79,684.14 Bags

Delivery Charge = P 0.120 /bag/km.

S – T E	HAULING DISTANCE
Zamboanga City DEO	600
Batching plant	80,00

\*Average hauling distance from Source to assumed Stockpiling area: 60,00 Κ'n.

Delivery Charge = P 0.120 **7.20** /bag 60,00

\*Delivery Truck

79,684.14 bags., (hauling works)
20,000.00 kgs., (capacily per haul)
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.
\*Dumptruck (10 Wheelet) days computation : TIME-MOTION ANALYSIS

Speed when loaded Speed when unloaded 30.00 ŝ 햦

Unloaded running Loaded running 60.00 30.00 60,00 40.00 8 ဗိ 120.00 mins. 90.00 mins.

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

No. of trips for Dumptruck per day Total Cycle time 8.0 500.00 258.00 60.00 cu.m.

Using (3 Dumptruck daily output ) Dumptrucks ω 5 8 258.00 ×× 930.23 1,86 1.86 say 930.23 2,790.70 cu.m. cu.m. .86

₽

'n 1. No. of days for Delivery Truck unloading No. of days for Labor, for ø complimentary to D. Truck days 79,684.14 2,790.70 28.55 say 28.5528,55 days days

DELIVERY COST:
79,684.14 - Bags, Parlland Cement Ф Р 7.20 / bag **Sub - Total** 11 TC 573,725.81 **573,725.81** 

LABOR: 10 - Laborers, unloading - Foreman (a) (a) 611.92 /day 342.24 /day ×× 28.55 days 28.55 days **Sub - Total** H U ם ם 17,472,45 97,721.44 **115,193.89** 

MATERIALS: 79,684.14 Bags, Portland Cement (Pick-Up Price) Ф Р 300,00 /bag Sub - Total || | | T 23,905,242.00 23,905,242.00

Labor Unit Cost Materials Delivery Cost Grand Total Estimated Quantity 3 C C C C 79,684.14 Bags 308.65 / Bag, 24,594,161.70 573,725.81 115,193.89 23,905,242.00 say -0 309.00 / Bag

# UNIT COST ANALYSIS FOR HAULING COST FOR ALL AGGREGATES

## Hauling Cost from the Quarry to Batching plant

ALL AGGREGATES 1,000.00 Flat to Rolling

Item No.

Quantity

Hauling Distance Unit cu.m. 5.00 Ŕ

Effective Working Hours 8.00 hrs.

Hauling: Using 10.00 cu.m.capacity Dumptruck

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

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

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

Speed when unloaded Speed when loaded 40.00 30.00 핡 Ŕ

5.00 8

Unloaded running Loaded running 5.00 30,00 8 11 10.00 7.50 mins. mins.

Loading and Unloading allowance for delay/traffic 3.00 5.00 40,00 mins.

mins.

per day No. of trips for Dumptruck Total Cycle time Capacity of Dumptruck 8 25.5010.00 25.50 60.00 mins, cu.m. 8.82 say 18.82

Using (5) Dumptrucks Dumptruck daily output ii li 5 Ç ×× 188.24 18.82 Iŧ 188.24 941.18 cu.m. cu.m.

trips

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

941.18

### EQUIPMENT USED : (2009 ACEL RATES)

Ç - Unit Dumptruck @ P 11,360.00 /day  $\times$ Sub - Total 1.06 days ہ∣ہ **60,350.00** 

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

Labor Materials Equipment **ס** כר כר כר כר 60,350.00

Cost of Embankment, Common Borrow: Cost of Boulders: Cost of Item 300 Materials: Cost of Item 201 Materials: Cost of Item 200 Materials: Cost of Coarse Aggregates: Cost of Fine Aggregates: Hauling Distance 55.0055,00 55,00 55.00 55.0055.005.00 Unit Cost per cu.m./km. 12.07 12.07 12.07 12.07 12.07 12.07 Havling Cost per cu.m. 663,85 663.85 663.85 663.85 663.85 663.85 Unit Pirce 1,200.00 1,100.00 1,400.00 698,00 680.00 680.00 H Unit Cost per 1,343.85 1,343.85 1,863.85 2,063.85 cu.m. 1,763.85 1,361.85

12.07

П

60.35

328.00

388.35