



REGION IX

PROGRAM OF WORK/BUDGET COST

FORM POW-2015-01-00

Project : Construction of By-Pass and Diversion Roads - Labangan - Pagadian City - Dumaliniao ZDS By-Pass Road, Package 1, Zamboanga del Sur

Project ID : _____

Location : Zamboanga del Sur

Station Limits : Sta. 1662+617.26 - Sta. 1666+120.00

Source of Funds : CY-2019

Net Length : (a) Road 3,502.74 ln.m 3.50 km

(b) Brgd _____

(c) Others _____

Target Start Date : _____

Total Project Duration : 252 Calendar Days

No. of Pre-determined : 56 Calendar Days

Unworkable Days : 28 Calendar Days

DESCRIPTION OF WORKS TO BE DONE	QUANTITY	UNIT	AS SUBMITTED		AS EVALUATED	
			% TOTAL	TOTAL DIRECT COST	% TOTAL	TOTAL DIRECT COST
PART A: Facilities for the Engineers			1.44%	1,287,785.79		
B: Other General Requirements			0.89%	795,365.55		
C: Earthworks			10.70%	9,553,393.84		
D: Subbase and Base Course			22.40%	20,010,313.59		
E: Surface Courses			53.30%	47,607,740.50		
F: Bridge Construction			0.00%	-		
G: Drainage and Slope Protection Structures			10.50%	9,377,662.42		
H: Miscellaneous Structure			0.77%	683,976.80		
I: Provisional Sum			0.00%	-		
J: Daywork			0.00%	-		

EQUIPMENT:

BREAKDOWN OF EXPENDITURES:

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

	AS SUBMITTED	AS EVALUATED
1. Labor	2,203,591.17	
2. Materials	69,419,043.40	
3. Rental of Equipment	17,693,603.92	
4. Provisional Sum/Daywork	-	
5. OCM and Profit	15,820,392.19	
6. Value Added Tax	5,256,831.53	
7. EAO, 3.5%	3,863,771.18	
8. RROW Acquisition	10,231,537.79	
9. Physical Reseved (Contingency)	511,228.83	
10. TOTAL ESTIMATED COST	125,000,000.00	

	AS SUBMITTED	AS EVALUATED
A. Total Direct Cost	89,316,238.48	
B. OCM and Profit	15,820,392.19	
C. Value Added Tax	5,256,831.53	
D. Total Construction Cost	-	
E. Eng'g. & Administrative Overhead	3,863,771.18	
F. RROW Acquisition	10,231,537.79	
G. Physical Reserved (Contingency)	511,228.83	
H. TOTAL ESTIMATED COST	125,000,000.00	

Preparation and Submission:

Evaluation:

Approval:

Prepared by:

Checked/Submitted by:

Reviewed by:

Recommending Approval

Approved:

JERALD R. BARRERA

Engineer II
DPWH RO9

ISIDRA A. ESTANISLAO

Engineer IV
DPWH RO9

SATURINO C. TORREFRANCA

District Engineer
DPWH RO9

KHADAFFY D. KANGGOL

Assistant Regional Director
DPWH RO9

CAYAMOMBAO D. DIA

Regional Director
DPWH RO9



Consolidation of By-Pass and Diversion Roads - Labangan - Panay City - Dumaliniao ZDS By-Pass Road, Package 1, Zamboanga del Sur
Zamboanga del Sur

FORM POW-2015-01A-00

ITEMIZED BREAKDOWN

ITEM NO.	DESCRIPTION	QUANTITY		UNIT	DIRECT COST				TOTAL UNIT COST		% DIRECT COST
					TOTAL		UNIT COST		TOTAL		
		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)	Const. of Field Office for the Enigneer	1.00		ls	487,015.63		487,015.63		603,412.37		0.55%
A.1.1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	1.00		ls	300,000.00		300,000.00		315,000.00		0.34%
A.1.2 (5)	Operation & Maintenance of Gov't. Service Vehicles	1.00		ls	500,770.16		500,770.16		525,808.67		0.56%
	TOTAL OF PART A				1,287,785.79						1.44%
PART B	Other General Requirements										
B.4(1)	Construction Survey and Staking	3.50		km	44,894.15		12,816.87		15,880.10		0.05%
B.5	Project Billboard	4.00		unit	7,831.93		1,957.98		2,425.94		0.01%
B.7	Occupational Safety & Health Program	1.00		ls	266,037.48		266,037.48		301,686.50		0.30%
B.9	Mobilization & Demobilization	1.00		ls	476,602.00		476,602.00		500,432.10		0.53%
	TOTAL OF PART B				795,365.55						0.89%
PART C	Earthworks										
102(2)	Surplus Common Excavation	28,882.00		cu.m	4,099,336.89		141.93		175.86		4.59%
103(1)a	Structure Excavation	1,560.00		cu.m	249,214.84		159.75		197.93		0.28%
103(3)	Foundation Fill	18.50		cu.m	33,013.09		1,784.49		2,210.98		0.04%
103(6)a	Pipe Culverts and Drain Excavation	157.00		cu.m	36,228.24		230.75		285.90		0.04%
104(1a)	Embankment from Roadway Excavation	20,404.50		cu.m	4,711,428.70		230.90		286.09		5.27%
105(1a)	Subgrade Preparation	26,495.50		sq.m	424,172.09		16.01		19.84		0.47%
	TOTAL OF PART C				9,553,393.84						10.70%
PART D	Subbase and Base Course										
200(1)	Aggregate Subbase Course	13,058.50		cu.m	20,010,313.59		1,532.36		1,898.59		22.40%
	TOTAL OF PART D				20,010,313.59						22.40%
PART E	Surface Courses										
300(1)	Gravel Surface Course	496.50		cu.m	817,913.88		1,647.36		2,041.08		0.92%
311(1a)	Portland Cement Concrete Pavement	7,780.50		sq.m	6,965,669.73		895.27		1,109.24		7.80%
311(1e1)	Portland Cement Concrete Pavement	24,401.50		sq.m	39,824,156.89		1,632.04		2,022.09		44.59%
	TOTAL OF PART E				47,607,740.50						53.30%
PART G	Drainage and Slope Protection Structures										
404(1)a	Reinforcing Steel (Grade 40)	37,866.00		kg	1,869,974.28		49.38		61.19		2.09%
405(1)a3	Structural Concrete, Class A	936.00		cu.m	6,609,574.45		7,061.51		8,749.21		7.40%
500(1)b3	Pipe Culvert & Storm Drain	141.00		ln.m	461,317.48		3,271.76		4,053.70		0.52%
505(5)	Grouted Riprap, Class "A"	36.50		cu.m	127,178.78		3,484.35		4,317.11		0.14%
506(1)	Stone Masonry	90.50		cu.m	309,617.42		3,421.19		4,238.85		0.35%

	TOTAL OF PART G				9,377,662.42						10.50%
PART H	Miscellaneous Structure										
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	845.00		sq.m	618,283.27		731.70		906.57		0.69%
612(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	95.00		sq.m	65,693.53		691.51		856.78		0.07%
	TOTAL OF PART H				683,976.80						0.77%
	GRAND TOTAL				89,316,238.48						100.00%

89,316,238.48



Continuation of By-Pass and Diversion Roads - Labangan - Palawan City - Dumalinao ZDS By-Pass Road, Package 1, Zamboanga del Sur
Zamboanga del Sur

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	Bullduzer		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	Portable Screed		1	35			
11	Concrete Vibrator		2	36			
12	Concrete Cutter		2	37			
13	Bar Cutter		1	38			
14	Bar Bender		1	39			
15	Cobcrete Mixer	4-6 cu.ft/min	2	40			
16	Plate Compactor		1	41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			
	SUB-TOTAL				SUB-TOTAL		
TOTAL							



FORM POW-2015-01C-00

[illegible]

200(1)	Aggregate Subbase Course	AS EVALUATED											
		AS SUBMITTED	22.40%	13,058.50	cu.m	18,755,975.78	44,728.95	1,209,608.86	20,010,313.59	18.00%	3,601,856.45	1,180,608.50	24,792,778.54
	TOTAL OF PART D	AS EVALUATED											
		AS SUBMITTED	22.40%			18,755,975.78	44,728.95	1,209,608.86	20,010,313.59		3,601,856.45	1,180,608.50	24,792,778.54
PART E	Surface Courses												
300(1)	Gravel Surface Course	AS EVALUATED											
		AS SUBMITTED	0.92%	496.50	cu.m	770,222.44	1,700.65	45,990.80	817,913.88	18.00%	147,224.50	48,256.92	1,013,395.30
311(1a)	Portland Cement Concrete Pavement	AS EVALUATED											
		AS SUBMITTED	7.80%	7,780.50	sq.m	6,030,768.01	62,144.05	872,757.68	6,965,669.73	18.00%	1,253,820.55	410,974.51	8,630,464.80
311(1e1)	Portland Cement Concrete Pavement	AS EVALUATED											
		AS SUBMITTED	44.59%	24,401.50	sq.m	34,351,121.40	363,799.31	5,109,236.17	39,824,156.89	18.00%	7,168,348.24	2,349,625.26	49,342,130.38
	TOTAL OF PART E	AS EVALUATED											
		AS SUBMITTED	53.30%			41,152,111.94	427,644.01	6,027,984.64	47,607,740.50		8,569,393.29	2,808,856.69	58,985,990.48
PART G	Drainage and Slope Protection Structures												
404(1)a	Reinforcing Steel (Grade 40)	AS EVALUATED											
		AS SUBMITTED	2.09%	37,866.00	kg	1,653,986.88	117,683.06	98,304.34	1,869,974.28	18.00%	336,595.37	110,328.48	2,316,898.13
405(1)a3	Structural Concrete, Class A	AS EVALUATED											
		AS SUBMITTED	7.40%	936.00	cu.m	5,376,603.50	850,637.64	382,333.31	6,609,574.45	18.00%	1,189,723.40	389,964.89	8,189,262.74
500(1)b3	Pipe Culvert & Storm Drain	AS EVALUATED											
		AS SUBMITTED	0.52%	141.00	ln.m	334,689.17	53,409.92	73,218.39	461,317.48	18.00%	83,037.15	27,217.73	571,572.36
500(1)b4	Pipe Culvert & Storm Drain	AS EVALUATED											
		AS SUBMITTED		-	ln.m	-	-	-	-	18.00%	-	-	-
505(5)	Grouted Riprap, Class "A"	AS EVALUATED											
		AS SUBMITTED	0.14%	36.50	cu.m	100,610.85	16,335.03	10,232.90	127,178.78	18.00%	22,892.18	7,503.55	157,574.51
506(1)	Stone Masonry	AS EVALUATED											
		AS SUBMITTED	0.35%	90.50	cu.m	249,459.78	31,642.12	28,515.52	309,617.42	18.00%	55,731.14	18,267.43	383,615.99
	TOTAL OF PART G	AS EVALUATED											
		AS SUBMITTED	10.50%			7,715,350.18	1,069,707.76	592,604.47	9,377,662.42		1,687,979.23	553,282.08	11,618,923.73
PART H	Miscellaneous Structure												
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	AS EVALUATED											
		AS SUBMITTED	0.69%	845.00	sq.m	550,370.05	15,855.79	52,057.43	618,283.27	18.00%	111,290.99	36,478.71	766,052.97
612(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	AS EVALUATED											
		AS SUBMITTED	0.07%	95.00	sq.m	61,875.92	891.30	2,926.31	65,693.53	18.00%	11,824.84	3,875.92	81,394.28
	TOTAL OF PART H	AS EVALUATED											
		AS SUBMITTED	0.77%			612,245.97	16,747.09	54,983.73	683,976.80		123,115.82	40,354.63	847,447.25
	GRAND TOTAL	AS EVALUATED											
		AS SUBMITTED	100.00%			69,419,043.40	2,203,591.17	17,693,603.92	89,316,238.48		15,820,392.19	5,256,831.53	110,393,462.21



REGION IX

Construction of By-Pass and Diversion Roads - Labangan - Pagadian City - Dumalinao ZDS By-Pass Road, Package 1, Zamboanga del Sur
Zamboanga del Sur

SUMMARY OF APPROVED BUDGET FOR THE CONTRACT

FORM POW-2015-02-00

DESCRIPTION OF WORKS TO BE DONE			ESTIMATED DIRECT COST	TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST
				%	TOTAL DIRECT COST			
PART A	Facilities for the Engineers	AS EVALUATED						
		AS SUBMITTED	1,287,785.79		87,662.81	68,772.43	156,435.24	1,444,221.03
PART B	Other General Requirements	AS EVALUATED						
		AS SUBMITTED	795,365.55		30,773.69	41,306.96	72,080.65	867,446.21
PART C	Earthworks	AS EVALUATED						
		AS SUBMITTED	9,553,393.84		1,719,610.89	563,650.24	2,283,261.13	11,836,654.96
PART D	Subbase and Base Course	AS EVALUATED						
		AS SUBMITTED	20,010,313.59		3,601,856.45	1,180,608.50	4,782,464.95	24,792,778.54
PART E	Surface Courses	AS EVALUATED						
		AS SUBMITTED	47,607,740.50		8,569,393.29	2,808,856.69	11,378,249.98	58,985,990.48
PART G	Drainage and Slope Protection Structures	AS EVALUATED						
		AS SUBMITTED	9,377,662.42		1,687,979.23	553,282.08	2,241,261.32	11,618,923.73
PART H	Miscellaneous Structure	AS EVALUATED						
		AS SUBMITTED	683,976.80		123,115.82	40,354.63	163,470.45	847,447.25
TOTAL		AS EVALUATED						
		AS SUBMITTED	89,316,238.48		15,820,392.19	5,256,831.53	21,077,223.72	110,393,462.21

Preparation and Submission:

Prepared by:

JERALD R. BARRERA

Engineer II
DPWH RO9

Checked/Submitted by:

ISIDRA A. ESTANISLAO

Engineer IV
DPWH RO9

Evaluation:

Reviewed by:

SATURNINO C. TORREFRANCA

District Engineer
DPWH RO9

Approval:

Recommending Approval

KHADAFFY D. TANGGOL

Assistant Regional Director
DPWH RO9

Approved:

CAYANOMBAO D. DIA

Regional Director
DPWH RO9

200(1)	Aggregate Subbase Course	AS EVALUATED									
		AS SUBMITTED	13,058.50	cu.m	20,010,313.59	18.00%	3,601,856.45	1,180,608.50	4,782,464.95	24,792,778.54	1,898.59
	TOTAL OF PART D	AS EVALUATED			-						
		AS SUBMITTED			20,010,313.59		3,601,856.45	1,180,608.50	4,782,464.95	24,792,778.54	
PART E	Surface Courses										
300(1)	Gravel Surface Course	AS EVALUATED									
		AS SUBMITTED	496.50	cu.m	817,913.88	18.00%	147,224.50	48,256.92	195,481.42	1,013,395.30	2,041.08
311(1a)	Portland Cement Concrete Pavement	AS EVALUATED									
		AS SUBMITTED	7,780.50	sq.m	6,965,669.73	18.00%	1,253,820.55	410,974.51	1,664,795.07	8,630,464.80	1,109.24
311(1e1)	Portland Cement Concrete Pavement	AS EVALUATED									
		AS SUBMITTED	24,401.50	sq.m	39,824,156.89	18.00%	7,168,348.24	2,349,625.26	9,517,973.50	49,342,130.38	2,022.09
	TOTAL OF PART E	AS EVALUATED			-						
		AS SUBMITTED			47,607,740.50		8,569,393.29	2,808,856.69	11,378,249.98	58,985,990.48	
PART G	Drainage and Slope Protection Structures										
404(1)a	Reinforcing Steel (Grade 40)	AS EVALUATED									
		AS SUBMITTED	37,866.00	kg	1,869,974.28	18.00%	336,595.37	110,328.48	446,923.85	2,316,898.13	61.19
405(1)a3	Structural Concrete, Class A	AS EVALUATED									
		AS SUBMITTED	936.00	cu.m	6,609,574.45	18.00%	1,189,723.40	389,964.89	1,579,688.29	8,189,262.74	8,749.21
500(1)b3	Pipe Culvert & Storm Drain	AS EVALUATED									
		AS SUBMITTED	141.00	ln.m	461,317.48	18.00%	83,037.15	27,217.73	110,254.88	571,572.36	4,053.70
500(1)b4	Pipe Culvert & Storm Drain	AS EVALUATED									
		AS SUBMITTED	-	ln.m	-	18.00%	-	-	-	-	#DIV/0!
505(5)	Grouted Riprap, Class "A"	AS EVALUATED									
		AS SUBMITTED	36.50	cu.m	127,178.78	18.00%	22,892.18	7,503.55	30,395.73	157,574.51	4,317.11
506(1)	Stone Masonry	AS EVALUATED									
		AS SUBMITTED	90.50	cu.m	309,617.42	18.00%	55,731.14	18,267.43	73,998.56	383,615.99	4,238.85
	TOTAL OF PART G	AS EVALUATED			-						
		AS SUBMITTED			9,377,662.42		1,687,979.23	553,282.08	2,241,261.32	11,618,923.73	
PART H	Miscellaneous Structure										
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	AS EVALUATED									
		AS SUBMITTED	845.00	sq.m	618,283.27	18.00%	111,290.99	36,478.71	147,769.70	766,052.97	906.57
612(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	AS EVALUATED									
		AS SUBMITTED	95.00	sq.m	65,693.53	18.00%	11,824.84	3,875.92	15,700.75	81,394.28	856.78
	TOTAL OF PART H	AS EVALUATED			-						
		AS SUBMITTED			683,976.80		123,115.82	40,354.63	163,470.45	847,447.25	
	GRAND TOTAL	AS EVALUATED			-						
		AS SUBMITTED			89,316,238.48		15,820,392.19	5,256,831.53	21,077,223.72	110,393,462.21	

Preparation and Submission:

Prepared by:

JERALD R. BARRERA

Engineer II
DPWH RO9

Checked/Submitted by:

ISIDRA A. ESTANISLAO

Engineer IV
DPWH RO9

Evaluation:

Reviewed by:

SATURINO C. TORREFRANCA

District Engineer
DPWH RO9

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

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

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
A.1				
a. Construction Foreman	1	80	80.95	6,476.10
b. Masons	3	80	58.61	14,066.10
c. Carpenters	3	80	58.61	14,066.10
d. Laborers	6	80	45.16	21,675.00
Sub-Total for A-1 As Submitted				56,283.30
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
B.1				
a. One Bagger Mixer	1	32	172.00	5,504.00
b. Water Truck	1	8	2,450.00	19,600.00
Minor Tools (10% of Labor Cost)				5,628.33
Sub-Total for B-1 As Submitted				30,732.33
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				56,283.30
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.00
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				56,283.30
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
F.1				
a. Materials	lumpsum	1	400,000.00	400,000.00
Sub-Total for F-1 As Submitted				400,000.00
Equipment				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				456,283.30
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	45,628.33
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	36,502.66
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	26,920.71
J.2				
Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1				
Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	565,335.01
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

Checked/Reviewed


JERALD R. BARRERA
Engineer II


ISIDRA A. ESTANISLAO
Engineer IV

Item No./Description	Prov. Of Furniture, Equipment, & Appliance for Field Engineer

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

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

Prepared by:

Checked/Reviewed

JERALD R. BARRERA
Engineer II

ISIDRA A. ESTANISLAO
Engineer IV

Item No./Description : Operation & Maintenance of Gov't. Service Vehicles

Unit of Measurement : 1.00 ls

Output per hour-As Submitted : 1.00

Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Service Driver	1	1344	58.61	78,770.16
Sub-Total for A-1 As Submitted				78,770.16
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				-
B.2				
Sub-Total for B-2 As Evaluated				-
C.1 Total (A.1+B.1) - As Submitted				78,770.16
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				78,770.16
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 Fuel	lt/s	5,040.00	50.00	252,000.00
b. Engine Oil & Lubricants	ls	1.00	30,000.00	30,000.00
c. Tires	pcs	4.00	10,000.00	40,000.00
d. Spareparts etc.	ls	1.00	100,000.00	100,000.00
Sub-Total for F-1 As Submitted				422,000.00
Equipment				
Sub-Total for F-1 As Submitted				422,000.00
F.2				
Sub-Total for F-2 As Evaluated				-
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				500,770.16
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	-
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1 Contractor's Profit - As Submitted			10%/8% of G.1	-
I.2 Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1 Value Added Tax - As Submitted			5% of (G.1+H1+I1)	25,038.51
J.2 Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1 Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	525,808.67
K.2 Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

Checked/Reviewed


JERALD R. BARRERA
 Engineer II


ISIDRA A. ESTANISLAO
 Engineer IV

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Construction Survey and Staking

Unit of Measurement : 3.50 km

Output per hour-As Submitted : 1.00

Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
<i>(For Field Works)</i>				
a. Geodetic Engineer	1	27	80.95	2,185.68
b. Skilled Laborer	3	27	58.61	4,747.31
c. Laborer	3	27	45.16	3,657.66
<i>(For Office Works)</i>				
a. Geodetic Engineer	1	80	80.95	6,476.10
b. Skilled Laborer	2	80	58.61	9,377.40
Sub-Total for A-1 As Submitted				26,444.15
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Equipment				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
B.1				
a. Total Station with complete accessories	1	27	100.00	2,700.00
Sub-Total for B-1 As Submitted				2,700.00
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				29,144.15
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.00
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				29,144.15
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
F.1				
a. Standard Stake Plan	pcs	40	200.00	8,000.00
b. Blue Printing	pcs	175	40.00	7,000.00
Miscellaneous (5% of Materials)				750.00
Sub-Total for F-1 As Submitted				15,750.00
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				44,894.15
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	4,489.41
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	3,591.53
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	2,648.75
J.2				
Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1				
Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	55,623.85
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:


JERALD R. BARRERA
Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
Engineer IV

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Project Billboard

Unit of Measurement : 4.00 unit

Output per hour-As Submitted : 1.00

Output per hour-As Evaluated : -

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Construction Foreman	1	1	80.95	80.95
b. Skilled Laborer	2	1	58.61	117.22
c. Laborer	2	1	45.16	90.31
Sub-Total for A-1 As Submitted				288.48
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Equipment				
B.1				
Sub-Total for B-1 As Submitted				-
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				288.48
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.00
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				288.48
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
a. Marine Plywood, 3/6" thk x 4' x 8'	pcs	1.00	790.00	790.00
b. Tarpauling (4' x 8')	pcs	1.00	800.00	800.00
c. Assorted Lumber Sizes	bd.ft	50.00	20.00	1,000.00
d. Assorted Sizes CWN Nails	kg	1.00	76.00	76.00
Sub-Total for F-1 As Submitted				2,590.00
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				2,878.48
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	287.85
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	230.28
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	169.83
J.2				
Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1				
Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	3,566.44
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

Jessie
JERALD R. BARRERA
Engineer II

Checked/Reviewed

Isidra A. Estanislao
ISIDRA A. ESTANISLAO
Engineer IV

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Occupational Safety & Health Program

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

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Safety Practitioner	1	672	80.95	54,399.24
b. First Alder	2	1344	74.14	199,278.24
A.1				
Sub-Total for A-1 As Submitted				253,677.48
Labor				
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				-
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				253,677.48
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.00
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				253,677.48
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
a. Pairs, Rubber Boots Men, Long with Steel Toe, Black	pair	24.00	400.00	9,600.00
b. Pairs, Working Gloves (Maong Materials)	pair	24.00	15.00	360.00
c. Rain Coats (Rain Forced, Hip Length Small, Medium & Large)	pcs	24.00	100.00	2,400.00
Sub-Total for F-1 As Submitted				12,360.00
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				266,037.48
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	-
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	21,283.00
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	14,366.02
J.2				
Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1				
Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	301,686.50
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

JERALD R. BARRERA

Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO

Engineer IV

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Mobilization & Demobilization

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

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				-
				-
				-
				-
				-
Sub-Total for A-1 As Submitted				-
A.2				
Labor				
Sub-Total for A-2 As Evaluated				
B.1				
Equipment				
a. Low Bed Trailer	2	56	4,255.38	476,602.00
Sub-Total for B-1 As Submitted				476,602.00
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				476,602.00
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				476,602.00
E.2				
Direct Unit Cost (C.2 +D.2) - As Evaluated				-
F.1				
Materials				
				-
				-
				-
Sub-Total for F-1 As Submitted				-
F.2				
Materials				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				476,602.00
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	-
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	-
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	23,830.10
J.2				
Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1				
Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	500,432.10
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

JERALD R. BARRERA

Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO

Engineer IV

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Surplus Common Excavation

Unit of Measurement : 28,882.00 cu.m

Output per hour-As Submitted : 60.00

Output per hour-As Evaluated : -

Note: Use Two (2) gangs

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Construction Foreman	1	1.00	80.95	80.95
b. Laborer	4	1.00	45.16	180.63
A.1				
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				
a. Bulldozer	2	1.00	3,379.00	6,758.00
b. Payloader	2	1.00	1,733.00	3,466.00
c. Payloader	2	0.25	1,733.00	866.50
b. Dumptruck	4	1.00	1,420.00	5,680.00
Sub-Total for B-1 As Submitted				16,770.50
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				17,032.08
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				60.00
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				283.87
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
F.1				
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				283.87
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	28.39
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	22.71
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	16.75
J.2				
Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1				
Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	351.71
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

JERALD R. BARRERA

Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO

Engineer IV

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Structure Excavation

Unit of Measurement : 1,560.00 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.)
Labor				
a. Construction Foreman	1	1.00	80.95	80.95
b. Laborer	3	1.00	45.16	135.47
A.1				
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. Dumptruck	1	1.00	1,420.00	1,420.00
b. Backhoe	1	1.00	1,537.00	1,537.00
c. Minor Tools (10% of Labor)				21.64
Sub-Total for B-1 As Submitted				2,978.64
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				3,195.06
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				159.75
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
F.1				
				-
				-
				-
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				159.75
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	15.98
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	12.78
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	9.43
J.2				
Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1				
Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	197.93
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

Checked/Reviewed

JERALD R. BARRERA

Engineer II

ISIDRA A. ESTANISLAO

Engineer IV

Construction of By-Pass and Diversions - Labangan - Pagadian City - Dumalinao ZDS By-Pass, Package 1, Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Foundation Fill

Unit of Measurement : 18.50 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. Construction Foreman	1	1.00	80.95	80.95
b. Laborer	4	1.00	45.16	180.63
Sub-Total for A-1 As Submitted				261.58
Labor				
Sub-Total for A-2 As Evaluated				-
Equipment				
a. Plate Compactor	1	1.00	123.00	123.00
b. Water Truck/Pump	1	0.01	2,450.00	24.50
c. Minor Tools (10% of Labor)				26.16
Sub-Total for B-1 As Submitted				173.66
Equipment				
Sub-Total for B-2 As Evaluated				
Total (A.1+B.1) - As Submitted				435.23
Total (A.2+B.2) - As Evaluated				-
Output per Hour - As Submitted				1.25
Output per Hour - As Evaluated				-
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				348.19
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Materials	Unit	Quantity	Unit Cost	Amount (Php.)
a. Filling Materials	cu.m	1.15	1,248.96	1,436.30
Sub-Total for F-1 As Submitted				1,436.30
Materials				
Sub-Total for F-2 As Evaluated				-
Direct Unit Cost (E.1+F.1) - As Submitted				1,784.49
Direct Unit Cost (E.2+F.2) - As Evaluated				-
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	178.45
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
Contractor's Profit - As Submitted			10%/8% of G.1	142.76
Contractor's Profit - As Evaluated			10%/8% of G.1	-
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	105.28
Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	2,210.98
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

JERALD R. BARRERA
Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO
Engineer IV

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Pipe Culverts and Drain Excavation

Unit of Measurement : 157.00 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.)
Labor				
a. Construction Foreman	1	1.00	80.95	80.95
b. Laborer	3	1.00	45.16	135.47
A.1				
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. Dumptruck	2	1.00	1,420.00	2,840.00
b. Backhoe	1	1.00	1,537.00	1,537.00
c. 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			12%/9%/7%/6% of G.1	23.08
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	18.46
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	13.61
J.2				
Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1				
Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	285.90
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

JERALD R. BARRERA

Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO

Engineer IV

Construction of By-Pass and Diversions - Labangan - Pagadian City - Dumalinao ZDS By-Pass, Package 1, Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Embankment from Roadway Excavation

Unit of Measurement : 20,404.50 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.)
Labor				
<i>For Excavation Work</i>				
a. Construction Foreman	1	0.83	80.95	67.19
b. Laborer	2	0.83	45.16	74.96
A.1				
<i>Spreading and Compaction</i>				
a. Construction Foreman	1	1.00	80.95	80.95
b. Laborer	2	1.00	45.16	90.31
Sub-Total for A-1 As Submitted				313.41
Labor				
				-
A.2				
Sub-Total for A-2 As Evaluated				-
Equipment				
<i>For Excavation Work</i>				
a. Bulldozer	1	0.83	3,379.00	2,804.57
b. Payloader	1	0.83	1,733.00	1,438.39
c. Dumptruck	2	0.83	1,420.00	2,357.20
<i>Spreading and Compaction</i>				
a. Motorized Road Grader	1	1.00	2,173.00	2,173.00
b. Vibratory Roller	1	1.00	1,846.00	1,846.00
c. Water Truck/Pump	1	0.25	2,450.00	612.50
Sub-Total for B-1 As Submitted				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				-
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				230.90
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:

JERALD R. BARRERA
Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO
Engineer IV

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Subgrade Preparation

Unit of Measurement : 26,495.50 sq.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. Construction Foreman	1	1.00	80.95	80.95
b. Laborer	2	1.00	45.16	90.31
A.1				
Sub-Total for A-1 As Submitted				171.26
Labor				
A.2				
				-
Sub-Total for A-2 As Evaluated				-
Equipment				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
a. Motorized Road Grader	1	1.00	2,173.00	2,173.00
b. Vibratory Roller	1	1.00	1,846.00	1,846.00
c. Water Truck/Pump	1	0.25	2,450.00	612.50
B.1				
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			12%/9%/7%/6% of G.1	1.60
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1 Contractor's Profit - As Submitted			10%/8% of G.1	1.28
I.2 Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1 Value Added Tax - As Submitted			5% of (G.1+H1+I1)	0.94
J.2 Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1 Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	19.84
K.2 Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

JERALD R. BARRERA

Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO

Engineer IV

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Aggregate Subbase Course

Unit of Measurement : 13,058.50 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.)
Labor				
a. Construction Foreman	1	1.00	80.95	80.95
b. Laborer	2	1.00	45.16	90.31
				-
				-
Sub-Total for A-1 As Submitted				171.26
Labor				
				-
				-
A.2				
Sub-Total for A-2 As Evaluated				-
Equipment	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
a. Motorized Road Grader	1	1.00	2,173.00	2,173.00
b. Vibratory Roller	1	1.00	1,846.00	1,846.00
c. Water Truck/Pump	1	0.25	2,450.00	612.50
Sub-Total for B-1 As Submitted				4,631.50
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				4,802.76
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				50.00
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				96.06
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
a. Aggregate Subbase Course	cu.m	1.15	1,248.96	1,436.30
				-
Sub-Total for F-1 As Submitted				1,436.30
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				1,532.36
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	153.24
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	122.59
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	90.41
J.2				
Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1				
Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	1,898.59
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

JERALD R. BARRERA

Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO

Engineer IV

Construction of By-Pass and Diversion Is - Labangan - Pagadian City - Dumailnao ZDS By-Pe ad, Package 1, Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS
 Zamboanga del Sur

FORM-POW-2015-01D-00

Item No./Description : Gravel Surface Course

Unit of Measurement : 496.50 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.)
Labor				
a. Construction Foreman	1	1.00	80.95	80.95
b. Laborer	2	1.00	45.16	90.31
A.1				
				-
				-
Sub-Total for A-1 As Submitted				171.26
Labor				
				-
A.2				
Sub-Total for A-2 As Evaluated				
Equipment				
a. Motorized Road Grader	1	1.00	2,173.00	2,173.00
b. Vibratory Roller	1	1.00	1,846.00	1,846.00
c. Water Truck/Pump	1	0.25	2,450.00	612.50
B.1				
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. Uncrushed Aggregate Surface Course	cu.m	1.15	1,348.96	1,551.30
Sub-Total for F-1 As Submitted				1,551.30
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				1,647.36
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	164.74
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	131.79
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	97.19
J.2				
Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1				
Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	2,041.08
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:


JERALD R. BARRERA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

Item No./Description : Portland Cement Concrete Pavement

Unit of Measurement : 7,780.50 sq.m
Output per hour-As Submitted : 107.33
Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Construction Foreman	1	1.00	80.95	80.95
b. Skilled Laborer	4	1.00	58.61	234.44
c. Laborer	12	1.00	45.16	541.88
				-
				-
Sub-Total for A-1 As Submitted				857.26
Labor				
				-
				-
Sub-Total for A-2 As Evaluated				-
A.2				
Sub-Total for A-2 As Evaluated				
Equipment				
a. Transit Mixer	4	1.00	1,318.00	5,272.00
b. Concrete Vibrator	2	1.00	91.25	182.50
c. Concrete Batch Plant	1	1.00	1,759.50	1,759.50
d. Payloader	1	1.00	1,733.00	1,733.00
e. Concrete Screeder	1	1.00	545.00	545.00
f. Water Truck/Pump	1	1.00	2,450.00	2,450.00
g. Concrete Saw	1	1.00	32.63	32.63
h. Bar Cutter	1	0.10	219.75	21.98
Minor Tools (5% of Labor)				42.86
Sub-Total for B-1 As Submitted				12,039.47
Equipment				
Sub-Total for B-2 As Evaluated				
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				-
F.1				
Materials				
a. Reinforcing Steel Bar	kg	0.330	40.00	13.20
b. Curing Compound	ltr	0.290	40.00	11.60
c. Asphalt Seagant	ltr	0.120	75.00	9.00
d. Steel Forms	m	0.460	40.00	18.40
e. Sand	cu.m	0.083	1,348.96	111.29
f. Gravel	cu.m	0.150	1,398.96	209.84
g. Cement	bag	1.430	279.38	399.51
h. Concrete Saw	pc	0.000	8,000.00	1.20
i. Pipe Sleeve	m	0.008	133.00	1.04
j. Grease/Tar	ltr	0.002	21.00	0.03
Sub-Total for F-1 As Submitted				775.11
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-

G.1	Direct Unit Cost (E.1+F.1) - As Submitted		895.27
G.2	Direct Unit Cost (E.2+F.2) - As Evaluated		-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	12%/9%/7%/6% of G.1	89.53
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	12%/9%/7%/6% of G.1	-
I.1	Contractor's Profit - As Submitted	10%/8% of G.1	71.62
I.2	Contractor's Profit - As Evaluated	10%/8% of G.1	-
J.1	Value Added Tax - As Submitted	5% of (G.1+H1+I1)	52.82
J.2	Value Added Tax - As Evaluated	5% of (G.2+H2+I2)	-
K.1	Total Unit Cost - As Submitted	(G.1+H1+I1+J1)	1,109.24
K.2	Total Unit Cost - As Evaluated	(G.2+H2+I2+J1)	-

Prepared by:


JERALD R. BARRENA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

Item No./Description : Portland Cement Concrete Pavement

Unit of Measurement : 24,401.50 sq.m
Output per hour-As Submitted : 57.50
Output per hour-As Evaluated : -

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Construction Foreman	1	1.00	80.95	80.95
b. Skilled Laborer	4	1.00	58.61	234.44
c. Laborer	12	1.00	45.16	541.88
				-
				-
Sub-Total for A-1 As Submitted				857.26
Labor				
				-
A.2				
Sub-Total for A-2 As Evaluated				-
Equipment				
a. Transit Mixer	4	1.00	1,318.00	5,272.00
b. Concrete Vibrator	2	1.00	91.25	182.50
c. Concrete Batch Plant	1	1.00	1,759.50	1,759.50
d. Payloader	1	1.00	1,733.00	1,733.00
e. Concrete Screeder	1	1.00	545.00	545.00
f. Water Truck	1	1.00	2,450.00	2,450.00
g. Concrete Saw	1	1.00	32.63	32.63
h. Bar Cutter	1	0.10	219.75	21.98
Minor Tools (5% of Labor Cost)				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 Submitted				-
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				224.29
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Reinforcing Steel Bar	kg	0.500	40.00	20.00
b. Curing Compound	ltr	0.290	40.00	11.60
c. Asphalt Sealant	ltr	0.170	75.00	12.75
d. Steel Forms	m	0.460	40.00	18.40
e. Sand	cu.m	0.154	1,348.96	207.74
f. Gravel	cu.m	0.280	1,398.96	391.71
g. Cement	bag	2.660	279.38	743.15
h. Concrete Saw	pc	0.000	8,000.00	1.20
i. Pipe Sleeve	m	0.008	133.00	1.04
j. Grease/Tar	ltr	0.008	21.00	0.16
Sub-Total for F-1 As Submitted				1,407.75
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-

G.1	Direct Unit Cost (E.1+F.1) - As Submitted		1,632.04
G.2	Direct Unit Cost (E.2+F.2) - As Evaluated		-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	12%/9%/7%/6% of G.1	163.20
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	12%/9%/7%/6% of G.1	-
I.1	Contractor's Profit - As Submitted	10%/8% of G.1	130.56
I.2	Contractor's Profit - As Evaluated	10%/8% of G.1	-
J.1	Value Added Tax - As Submitted	5% of (G.1+H1+I1)	96.29
J.2	Value Added Tax - As Evaluated	5% of (G.2+H2+I2)	-
K.1	Total Unit Cost - As Submitted	(G.1+H1+I1+J1)	2,022.09
K.2	Total Unit Cost - As Evaluated	(G.2+H2+I2+J1)	-

Prepared by:


JERARDO R. BARRERA
Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
Engineer IV

Item No./Description : Reinforcing Steel (Grade 40)

Unit of Measurement : 37,866.00 kg

Output per hour-As Submitted : 180.00


Output per hour-As Evaluated : -

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Construction Foreman	1	1.00	80.95	80.95
b. Skilled Laborer	2	1.00	58.61	117.22
c. Laborer	8	1.00	45.16	361.25
				-
				-
Sub-Total for A-1 As Submitted				559.42
Labor				
A.2				-
Sub-Total for A-2 As Evaluated				-
Equipment				
a. Bar Cutter	1	0.50	219.50	109.75
b. Bar Bender	1	0.50	351.50	175.75
c. Cargo Truck	1	0.15	1,212.00	181.80
Sub-Total for B-1 As Submitted				467.30
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				1,026.72
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				-
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				5.70
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Tie Wire	kg	0.02	80.00	1.68
b. Reinforcing Steel Bar, Grade 40	kg	1.05	40.00	42.00
F.1				
Sub-Total for F-1 As Submitted				43.68
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				49.38
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	4.94
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1 Contractor's Profit - As Submitted			10%/8% of G.1	3.95
I.2 Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1 Value Added Tax - As Submitted			5% of (G.1+H1+I1)	2.91
J.2 Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1 Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	61.19
K.2 Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:


JEKALD R. BARRERA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Structural Concrete, Class A

Unit of Measurement : 936.00 cu.m

Output per hour-As Submitted : 1.40

Output per hour-As Evaluated : -

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Construction Foreman	1	1.00	80.95	80.95
b. Skilled Laborer	4	1.00	58.61	234.44
c. Laborer	8	1.00	45.16	361.25
Installation/Removal of Formworks				
a. Skilled Laborer	4	1.00	58.61	234.44
b. Laborer	8	1.00	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	1.00	172.00	172.00
b. Concrete Vibrator	1	1.00	91.25	91.25
c. Water Truck/Pump	1	0.10	2,450.00	245.00
Minor Tools (5% of Labor Cost)				63.62
Sub-Total for B-1 As Submitted				571.87
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1	Total (A.1+B.1) - As Submitted			1,844.19
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			1,317.28
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated			-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Lumber, Good	bd.ft	17.50	37.00	647.50
b. Marine Plywood	pc	0.40	790.00	316.00
c. Assorted CMW	kg	0.70	76.00	53.20
d. Cement	bag	9.50	279.38	2,654.09
e. Sand	cu.m	0.50	1,348.96	674.48
f. Gravel	cu.m	1.00	1,398.96	1,398.96
Sub-Total for F-1 As Submitted				5,744.23
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1	Direct Unit Cost (E.1+F.1) - As Submitted			7,061.51
G.2	Direct Unit Cost (E.2+F.2) - As Evaluated			-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted		12%/9%/7%/6% of G.1	706.15
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated		12%/9%/7%/6% of G.1	-
I.1	Contractor's Profit - As Submitted		10%/8% of G.1	564.92
I.2	Contractor's Profit - As Evaluated		10%/8% of G.1	-
J.1	Value Added Tax - As Submitted		5% of (G.1+H1+I1)	416.63
J.2	Value Added Tax - As Evaluated		5% of (G.2+H2+I2)	-
K.1	Total Unit Cost - As Submitted		(G.1+H1+I1+J1)	8,749.21
K.2	Total Unit Cost - As Evaluated		(G.2+H2+I2+J1)	-

Prepared by:

JERALD R. BARRERA

Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO

Engineer IV

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Pipe Culvert & Storm Drain

Unit of Measurement : 141.00 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.)
Labor				
a. Construction Foreman	1	1.00	80.95	80.95
b. Skilled Laborer	2	1.00	58.61	117.22
c. Laborer	4	1.00	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	1	0.29	1,537.00	445.73
b. Plate Compactor	1	0.29	123.00	35.67
Minor Tools (10% of Labor Cost)				37.88
Sub-Total for B-1 As Submitted				519.28
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				898.07
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				898.07
E.2				
Direct Unit Cost (C.2 +D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Portland Cement	bag	1.08	279.38	301.73
b. Sand	cu.m	0.06	1,348.96	82.29
c. RC Pipes (910 mm dia.)	pc	1.00	1,817.00	1,817.00
d. Sand Bedding/Selected Sandy Soil	cu.m	0.13	1,348.96	172.67
Sub-Total for F-1 As Submitted				2,373.68
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				3,271.76
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	327.18
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	261.74
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	193.03
J.2				
Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1				
Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	4,053.70
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

Checked/Reviewed

JEFFALD R. BARRERA

Engineer II

ISIDRA A. ESTANISLAO

Engineer IV

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Grouted Riprap, Class "A"

Unit of Measurement : 36.50 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. Construction Foreman	1	1.00	80.95	80.95
b. Skilled Laborer	2	1.00	58.61	117.22
c. Laborer	8	1.00	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	1.00	172.00	172.00
b. Water Truck/Pump	1	0.05	2,450.00	122.50
Minor Tools (10% of Labor Cost)				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.)
Materials				
a. Portland Cement	bag	2.50	279.38	698.45
b. Sand	cu.m	0.21	1,348.96	283.28
c. Gravel Fill	cu.m	0.02	1,398.96	20.98
F.1				
d. Weep Holes	m	0.30	133.00	39.90
e. Filter Cloth	sq.m	0.02	160.00	2.40
f. Boulder	cu.m	1.05	1,603.96	1,684.16
Miscellaneous (1% of Materials Cost)				27.29
Sub-Total for F-1 As Submitted				2,756.46
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				3,484.35
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	348.44
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	278.75
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H.1+I.1)	205.58
J.2				
Value Added Tax - As Evaluated			5% of (G.2+H.2+I.2)	-
K.1				
Total Unit Cost - As Submitted			(G.1+H.1+I.1+J.1)	4,317.11
K.2				
Total Unit Cost - As Evaluated			(G.2+H.2+I.2+J.2)	-

Prepared by:

Checked/Reviewed

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Engineer II

ISIDRA A. ESTANISLAO

Engineer IV

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Reflectorized Thermoplastic Pavement Markings (White)

Unit of Measurement : 845.00 sq.m

Output per hour-As Submitted : 25.00

Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Construction Foreman	1	1.00	80.95	80.95
b. Skilled Laborer	2	1.00	58.61	117.22
c. Laborer	6	1.00	45.16	270.94
Sub-Total for A-1 As Submitted				469.11
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. Cargo Truck/Delivery Truck	1	1.00	1,212.00	1,212.00
b. Applicator Machine	1	1.00	93.75	93.75
c. Kneading Machine	1	1.00	187.50	187.50
Minor Tools (10% of Labor Cost)				46.91
Sub-Total for B-1 As Submitted				1,540.16
Equipment				
Sub-Total for B-2 As Evaluated				
B.2				
Sub-Total for B-2 As Evaluated				
C.1	Total (A.1+B.1) - As Submitted			2,009.27
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			80.37
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated			-
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	ltr	0.12	180.00	21.60
d. LPG (50kg)	cyl	0.00	90.00	0.36
e. LPG (12 kg)	cyl	0.00	50.00	0.10
f. Calsumine	kg	0.13	5.00	0.63
Miscellaneous (5% of Materials Cost)				31.02
Sub-Total for F-1 As Submitted				651.33
Materials				
Sub-Total for F-2 As Evaluated				-
F.2				
Sub-Total for F-2 As Evaluated				-
G.1	Direct Unit Cost (E.1+F.1) - As Submitted			731.70
G.2	Direct Unit Cost (E.2+F.2) - As Evaluated			-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted		12%/9%/7%/6% of G.1	73.17
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated		12%/9%/7%/6% of G.1	-
I.1	Contractor's Profit - As Submitted		10%/8% of G.1	58.54
I.2	Contractor's Profit - As Evaluated		10%/8% of G.1	-
J.1	Value Added Tax - As Submitted		5% of (G.1+H1+I1)	43.17
J.2	Value Added Tax - As Evaluated		5% of (G.2+H2+I2)	-
K.1	Total Unit Cost - As Submitted		(G.1+H1+I1+J1)	906.57
K.2	Total Unit Cost - As Evaluated		(G.2+H2+I2+J1)	-

Prepared by:

JERALD R. BARRERA

Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO

Engineer IV

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : ReflectORIZED Thermoplastic Pavement Markings (Yellow)

Unit of Measurement : 95.00 sq.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.)
Labor				
a. Construction Foreman	1	1.00	80.95	80.95
b. Skilled Laborer	2	1.00	58.61	117.22
c. Laborer	6	1.00	45.16	270.94
Sub-Total for A-1 As Submitted				469.11
Labor				
A.2				-
Sub-Total for A-2 As Evaluated				-
Equipment				
a. Cargo Truck/Delivery Truck	1	1.00	1,212.00	1,212.00
b. Applicator Machine	1	1.00	93.75	93.75
c. Kneading Machine	1	1.00	187.50	187.50
Minor Tools (10% of Labor Cost)				46.91
Sub-Total for B-1 As Submitted				1,540.16
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				2,009.27
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				40.19
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Thermoplastic Paint (Yellow)	bag	0.33	1,585.00	515.13
b. Glass Beads	bag	0.03	2,500.00	82.50
c. Primer	ltr	0.12	180.00	21.60
d. LPG (50kg)	cy/	0.00	90.00	0.36
e. LPG (12 kg)	cy/	0.00	50.00	0.10
f. Calsurline	kg	0.13	5.00	0.63
Miscellaneous (5% of Materials Cost)				31.02
Sub-Total for F-1 As Submitted				651.33
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				691.51
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				69.15
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				55.32
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				40.80
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				856.78
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

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Engineer II

ISIDRA A. ESTANISLAO

Engineer IV