



(IMPLEMENTING OFFICE)

PROGRAM OF WORK/BUDGET COST

FORM POW-2015-01-00

Project : Paving of Unpaved Road - Tertiary Roads Imelda - Bayog - Kumalarang - Lapuyan - Margosatubig Road

Project ID : _____

Location : Zamboanga del Sur

Station Limits : Chainage 1800 - Chainage 2440

Source of Funds : CY-2019

Net Length : (a) Road 640.00 ln.m 0.64 km

(b) Brdg _____

(c) Other _____

Target Start Date : _____

Total Project Duration : 108 Calendar Days

No. of Pre-determined : 24 Calendar Days

Unworkable Days : 12 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			4.83%	1,118,895.40		
B: Other General Requirements			2.79%	646,491.03		
C: Earthworks			34.08%	7,901,110.02		
D: Subbase and Base Course			15.36%	3,562,120.63		
E: Surface Courses			41.24%	9,560,397.32		
F: Bridge Construction			0.00%	-		
G: Drainage and Slope Protection Structures			0.73%	169,283.80		
H: Miscellaneous Structure			0.98%	226,059.73		
I: Provisional Sum			0.00%	-		
J: Daywork			0.00%	-		

EQUIPMENT:

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


BREAKDOWN OF EXPENDITURES:

	AS SUBMITTED	AS EVALUATED
1. Labor	499,121.53	
2. Materials	12,867,159.85	
3. Rental of Equipment	9,818,076.55	
4. Provisional Sum/Daywork	-	
5. OCM and Profit	4,387,070.64	
6. Value Added Tax	1,378,571.43	
7. EAO, 3.5%	1,013,250.00	
8. RROW Acquisition	(0.00)	
9. Physical Reseved (Contingency)	36,750.00	
10. TOTAL ESTIMATED COST	30,000,000.00	

	AS SUBMITTED	AS EVALUATED
A. Total Direct Cost	23,184,357.93	
B. OCM and Profit	4,387,070.64	
C. Value Added Tax	1,378,571.43	
D. Total Construction Cost	-	
E. Eng'g. & Administrative Overhead	1,013,250.00	
F. RROW Acquisition	(0.00)	
G. Physical Reserved (Contingency)	36,750.00	
H. TOTAL ESTIMATED COST	30,000,000.00	

Preparation and Submission:

Prepared by:


JERALD R. BARRERA
 Engineer II
 DPWH RO9

Checked/Submiietd 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:


CAYAMONDE D. DIA, CESO IV
 Regional Director
 DPWH RO9



Paving of Unpaved Road - Tertiary Roads Ime - Bayog - Kumalarang - Lapuyan - Margosatubig Road
Zamboanga del Sur

FORM POW-2015-01A-00

ITEMIZED BREAKDOWN

ITEM NO.	DESCRIPTION	QUANTITY		UNIT	DIRECT COST				TOTAL UNIT COST		% DIRECT COST
		AS SUBMITTED	AS EVALUATED		TOTAL		UNIT COST		TOTAL		AS EVALUATED
					AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	
PART A	Facilities for the Engineers										
A.1.1 (3)	Const. of Field Office for the Enigneer	1.00		ls	419,140.04		419,140.04		528,116.45		1.81%
A.1.1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	1.00		ls	387,996.72		387,996.72		407,396.56		1.67%
A.1.2 (5)	Operation & Maintenance of Gov't. Service Vehicles	1.00		ls	311,758.64		311,758.64		327,346.57		1.34%
	TOTAL OF PART A				1,118,895.40						4.83%
PART B	Other General Requirements										
B.4(1)	Construction Survey and Staking	0.64		km	44,894.15		70,147.11		88,385.36		0.19%
B.5	Project Billboard	2.00		unit	3,915.96		1,957.98		2,467.06		0.02%
B.7	Occupational Safety & Health Program	1.00		ls	121,078.92		121,078.92		137,303.50		0.52%
B.9	Mobilization & Demobilization	1.00		ls	476,602.00		476,602.00		500,432.10		2.06%
	TOTAL OF PART B				646,491.03						2.79%
PART C	Earthworks										
101(6)	Removal of Actual Structures/Obstructions	4.00		each	3,330.93		832.73		1,049.24		0.01%
102(2)	Surplus Common Excavation	39,917.50		cu.m	5,665,649.20		141.93		178.84		24.44%
103(1)a	Structure Excavation	41.00		cu.m	6,549.88		159.75		201.29		0.03%
103(3)	Foundation Fill	3.50		cu.m	5,182.31		1,480.66		1,865.63		0.02%
103(6)a	Pipe Culverts and Drain Excavation	42.50		cu.m	9,807.01		230.75		290.75		0.04%
104(1a)	Embankment from Roadway Excavation	9,242.50		cu.m	2,134,106.68		230.90		290.94		9.20%
105(1a)	Subgrade Preparation	4,777.50		sq.m	76,484.01		16.01		20.17		0.33%
	TOTAL OF PART C				7,901,110.02						34.08%
PART D	Subbase and Base Course										
200(1)	Aggregate Subbase Course	2,899.50		cu.m	3,562,120.63		1,228.53		1,547.95		15.36%
	TOTAL OF PART D				3,562,120.63						15.36%
PART E	Surface Courses										
300(1)	Gravel Surface Course	177.50		cu.m	226,228.95		1,274.53		1,605.91		0.98%
311(1a)	Portland Cement Concrete Pavement	1,592.00		sq.m	1,374,310.12		863.26		1,087.71		5.93%
311(1e1)	Portland Cement Concrete Pavement	5,062.50		sq.m	7,959,858.26		1,572.32		1,981.12		34.33%
	TOTAL OF PART E				9,560,397.32						41.24%
PART G	Drainage and Slope Protection Structures										
500(1)b3	Pipe Culvert & Storm Drain	27.00		ln.m	87,561.37		3,243.01		4,086.20		0.38%
505(5)	Grouted Riprap, Class "A"	8.00		cu.m	25,023.68		3,127.96		3,941.23		0.11%
506(1)	Stone Masonry	18.50		cu.m	56,698.75		3,064.80		3,861.64		0.24%
	TOTAL OF PART G				169,283.80						0.73%

PART H	Miscellaneous Structure									
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	213.50		sq.m	156,217.13		731.70		921.94	0.67%
612(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	101.00		sq.m	69,842.59		691.51		871.30	0.30%
	TOTAL OF PART H				226,059.73					0.98%
	GRAND TOTAL				23,184,357.93					100.00%

23,184,357.93



Paving of Unpaved Road - Tertiary Roads Im - Bayog - Kumalarang - Lapuyan - Margosatubig Road
Zamboanga del Sur

FORM POW-2015-018-00

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							



Paving of Unpaved Road - Tertiary Roads Imelda - Bayog - Kumalarang - Lapuyan - Margosatubig Road
Zamboanga del Sur

FORM POW-2015-01C-00

ITEMIZED BREAKDOWN

ITEMIZED BREAKDOWN													
ITEM NO.	DESCRIPTION		DETAILED BREAKDOWN OF COMPONENT COST FOR EACH ITEM										
			%	QTY	UNIT	DIRECT COST				TOTAL MARK-UP		5% VAT	TOTAL COST
						MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE		
PART A	Facilities for the Engineers												
A.1.1 (3)	Const. of Field Office for the Engineer	AS EVALUATED											
		AS SUBMITTED	1.81%	1.00	ls	332,124.41	56,283.30	30,732.33	419,140.04	20.00%	83,828.01	25,148.40	528,116.45
A.1.1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	AS EVALUATED											
		AS SUBMITTED	1.67%	1.00	ls	387,996.72	-	-	387,996.72	0.00%	-	19,399.84	407,396.56
A.1.2 (5)	Operation & Maintenance of Gov't. Service Vehicles	AS EVALUATED											
		AS SUBMITTED	1.34%	1.00	ls	278,000.00	33,758.64	-	311,758.64	0.00%	-	15,587.93	327,346.57
	TOTAL OF PART A	AS EVALUATED											
		AS SUBMITTED	4.83%			998,121.13	90,041.94	30,732.33	1,118,895.40		83,828.01	60,136.17	1,262,859.58
PART B	Other General Requirements												
B.4(1)	Construction Survey and Staking	AS EVALUATED											
		AS SUBMITTED	0.19%	0.64	km	15,750.00	26,444.15	2,700.00	44,894.15	20.00%	8,978.83	2,693.65	56,566.63
B.5	Project Billboard	AS EVALUATED											
		AS SUBMITTED	0.02%	2.00	unit	3,339.00	576.96	-	3,915.96	20.00%	783.19	234.96	4,934.11
B.7	Occupational Safety & Health Program	AS EVALUATED											
		AS SUBMITTED	0.52%	1.00	ls	12,360.00	108,718.92	-	121,078.92	8.00%	9,686.31	6,538.26	137,303.50
B.9	Mobilization & Demobilization	AS EVALUATED											
		AS SUBMITTED	2.06%	1.00	ls	-	-	476,602.00	476,602.00	0.00%	-	23,830.10	500,432.10
	TOTAL OF PART B	AS EVALUATED											
		AS SUBMITTED	2.79%			31,449.00	135,740.03	479,302.00	646,491.03		19,448.34	33,296.97	699,236.34
PART C	Earthworks												
101(6)	Removal of Actual Structures/Obstructions	AS EVALUATED											
		AS SUBMITTED	0.01%	4.00	each	1,680.00	68.51	1,582.42	3,330.93	20.00%	666.19	199.86	4,196.97
102(2)	Surplus Common Excavation	AS EVALUATED											
		AS SUBMITTED	24.44%	39,917.50	cu.m	-	87,012.25	5,578,636.95	5,665,649.20	20.00%	1,133,129.84	339,938.95	7,138,717.99
103(1)a	Structure Excavation	AS EVALUATED											
		AS SUBMITTED	0.03%	41.00	cu.m	-	443.66	6,106.22	6,549.88	20.00%	1,309.98	392.99	8,252.85
103(3)	Foundation Fill	AS EVALUATED											
		AS SUBMITTED	0.02%	3.50	cu.m	3,963.66	732.41	486.24	5,182.31	20.00%	1,036.46	310.94	6,529.72
103(6)a	Pipe Culverts and Drain Excavation	AS EVALUATED											
		AS SUBMITTED	0.04%	42.50	cu.m	-	459.89	9,347.11	9,807.01	20.00%	1,961.40	588.42	12,356.83
104(1a)	Embankment from Roadway Excavation	AS EVALUATED											
		AS SUBMITTED	9.20%	9,242.50	cu.m	-	57,934.33	2,076,172.35	2,134,106.68	20.00%	426,821.34	128,046.40	2,688,974.42
105(1a)	Subgrade Preparation	AS EVALUATED											
		AS SUBMITTED	0.33%	4,777.50	sq.m	-	2,727.38	73,756.64	76,484.01	20.00%	15,296.80	4,589.04	96,369.86

		AS EVALUATED											
	TOTAL OF PART C	AS SUBMITTED	34.08%			5,643.66	149,378.43	7,746,087.93	7,901,110.02		1,580,222.00	474,066.60	9,955,398.62
PART D	Subbase and Base Course												
200(1)	Aggregate Subbase Course	AS EVALUATED											
		AS SUBMITTED	15.36%	2,899.50	cu.m	3,283,608.36	9,931.58	268,580.69	3,562,120.63	20.00%	712,424.13	213,727.24	4,488,272.00
	TOTAL OF PART D	AS EVALUATED											
		AS SUBMITTED	15.36%			3,283,608.36	9,931.58	268,580.69	3,562,120.63		712,424.13	213,727.24	4,488,272.00
PART E	Surface Courses												
300(1)	Gravel Surface Course	AS EVALUATED											
		AS SUBMITTED	0.98%	177.50	cu.m	209,179.14	607.99	16,441.83	226,228.95	20.00%	45,245.79	13,573.74	285,048.47
311(1a)	Portland Cement Concrete Pavement	AS EVALUATED											
		AS SUBMITTED	5.93%	1,592.00	sq.m	1,183,016.04	12,715.55	178,578.53	1,374,310.12	20.00%	274,862.02	82,458.61	1,731,630.75
311(1e1)	Portland Cement Concrete Pavement	AS EVALUATED											
		AS SUBMITTED	34.33%	5,062.50	sq.m	6,824,385.35	75,476.26	1,059,996.64	7,959,858.26	20.00%	1,591,971.65	477,591.50	10,029,421.41
	TOTAL OF PART E	AS EVALUATED											
		AS SUBMITTED	41.24%			9,216,580.53	88,799.80	1,255,017.00	9,560,397.32		1,912,079.46	573,623.84	12,046,100.63
PART G	Drainage and Slope Protection Structures												
500(1)b3	Pipe Culvert & Storm Drain	AS EVALUATED											
		AS SUBMITTED	0.38%	27.00	ln.m	63,313.39	10,227.43	14,020.54	87,561.37	20.00%	17,512.27	5,253.68	110,327.32
505(5)	Grouted Riprap, Class "A"	AS EVALUATED											
		AS SUBMITTED	0.11%	8.00	cu.m	19,200.57	3,580.28	2,242.83	25,023.68	20.00%	5,004.74	1,501.42	31,529.84
506(1)	Stone Masonry	AS EVALUATED											
		AS SUBMITTED	0.24%	18.50	cu.m	44,401.33	6,468.28	5,829.14	56,698.75	20.00%	11,339.75	3,401.92	71,440.42
	TOTAL OF PART G	AS EVALUATED											
		AS SUBMITTED	0.73%			126,915.29	20,275.99	22,092.51	169,283.80		33,856.76	10,157.03	213,297.58
PART H	Miscellaneous Structure												
612(1)	ReflectORIZED Thermoplastic Pavement Markings (White)	AS EVALUATED											
		AS SUBMITTED	0.67%	213.50	sq.m	139,057.99	4,006.17	13,152.97	156,217.13	20.00%	31,243.43	9,373.03	196,833.59
612(2)	ReflectORIZED Thermoplastic Pavement Markings (Yellow)	AS EVALUATED											
		AS SUBMITTED	0.30%	101.00	sq.m	65,783.88	947.59	3,111.12	69,842.59	20.00%	13,968.52	4,190.56	88,001.67
	TOTAL OF PART H	AS EVALUATED											
		AS SUBMITTED	0.98%			204,841.87	4,953.76	16,264.10	226,059.73		45,211.95	13,563.58	284,835.26
	GRAND TOTAL	AS EVALUATED											
		AS SUBMITTED	100.00%			12,867,159.85	499,121.53	9,818,076.55	23,184,357.93		4,387,070.64	1,378,571.43	28,950,000.00



GION IX

Paving of Unpaved Road - Tertiary Roads Imelda - Bayog - Kumalarang - Lapuyan - Margosatubig Road
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	1,118,895.40		83,828.01	60,136.17	143,964.18	1,262,859.58
PART B	Other General Requirements	AS EVALUATED						
		AS SUBMITTED	646,491.03		19,448.34	33,296.97	52,745.30	699,236.34
PART C	Earthworks	AS EVALUATED						
		AS SUBMITTED	7,901,110.02		1,580,222.00	474,066.60	2,054,288.60	9,955,398.62
PART D	Subbase and Base Course	AS EVALUATED						
		AS SUBMITTED	3,562,120.63		712,424.13	213,727.24	926,151.36	4,488,272.00
PART E	Surface Courses	AS EVALUATED						
		AS SUBMITTED	9,560,397.32		1,912,079.46	573,623.84	2,485,703.30	12,046,100.63
PART G	Drainage and Slope Protection Structures	AS EVALUATED						
		AS SUBMITTED	169,283.80		33,856.76	10,157.03	44,013.79	213,297.58
PART H	Miscellaneous Structure	AS EVALUATED						
		AS SUBMITTED	226,059.73		45,211.95	13,563.58	58,775.53	284,835.26
TOTAL		AS EVALUATED						
		AS SUBMITTED	23,184,357.93		4,387,070.64	1,378,571.43	5,765,642.07	28,950,000.00

Preparation and Submission:

Prepared by:

JERALD R. BARRERA

Engineer II
DPWH RO9

Checked/Submited by:

ISIDRA A. ESTANISLAO

Engineer IV
DPWH RO9

Evaluation:

Reviewed by:

SATURNINO C. TORREFRANCA

District Engineer
DPWH RO9

Approval:

Recommending Approval

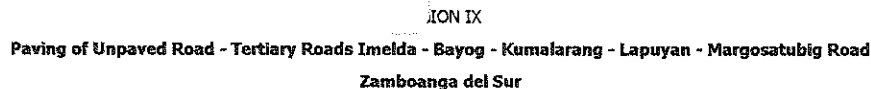
KHADAFFY D. TANGOL

Assistant Regional Director
DPWH RO9

Approved:

CAYAMOMBAO D. DIA, CESO IV

Regional Director
DPWH RO9



FORM POW-2015-02A-00

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200(1)	Aggregate Subbase Course	AS EVALUATED									
		AS SUBMITTED	2,899.50	cu.m	3,562,120.63	20.00%	712,424.13	213,727.24	926,151.36	4,488,272.00	1,547.95
	TOTAL OF PART D	AS EVALUATED			-						
		AS SUBMITTED			3,562,120.63		712,424.13	213,727.24	926,151.36	4,488,272.00	
PART E	Surface Courses										
300(1)	Gravel Surface Course	AS EVALUATED									
		AS SUBMITTED	177.50	cu.m	226,228.95	20.00%	45,245.79	13,573.74	58,819.53	285,048.47	1,605.91
311(1a)	Portland Cement Concrete Pavement	AS EVALUATED									
		AS SUBMITTED	1,592.00	sq.m	1,374,310.12	20.00%	274,862.02	82,458.61	357,320.63	1,731,630.75	1,087.71
311(1e1)	Portland Cement Concrete Pavement	AS EVALUATED									
		AS SUBMITTED	5,062.50	sq.m	7,959,858.26	20.00%	1,591,971.65	477,591.50	2,069,563.15	10,029,421.41	1,981.12
	TOTAL OF PART E	AS EVALUATED			-						
		AS SUBMITTED			9,560,397.32		1,912,079.46	573,623.84	2,485,703.30	12,046,100.63	
PART G	Drainage and Slope Protection Structures										
500(1)b3	Pipe Culvert & Storm Drain	AS EVALUATED									
		AS SUBMITTED	27.00	ln.m	87,561.37	20.00%	17,512.27	5,253.68	22,765.96	110,327.32	4,086.20
505(5)	Grouted Riprap, Class "A"	AS EVALUATED									
		AS SUBMITTED	8.00	cu.m	25,023.68	20.00%	5,004.74	1,501.42	6,506.16	31,529.84	3,941.23
506(1)	Stone Masonry	AS EVALUATED									
		AS SUBMITTED	18.50	cu.m	56,698.75	20.00%	11,339.75	3,401.92	14,741.67	71,440.42	3,861.64
	TOTAL OF PART G	AS EVALUATED			-						
		AS SUBMITTED			169,283.80		33,856.76	10,157.03	44,013.79	213,297.58	
PART H	Miscellaneous Structure										
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	AS EVALUATED									
		AS SUBMITTED	213.50	sq.m	156,217.13	20.00%	31,243.43	9,373.03	40,616.45	196,833.59	921.94
612(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	AS EVALUATED									
		AS SUBMITTED	101.00	sq.m	69,842.59	20.00%	13,968.52	4,190.56	18,159.07	88,001.67	871.30
	TOTAL OF PART H	AS EVALUATED			-						
		AS SUBMITTED			226,059.73		45,211.95	13,563.58	58,775.53	284,835.26	
	GRAND TOTAL	AS EVALUATED			-						
		AS SUBMITTED			23,184,357.93		4,387,070.64	1,378,571.43	5,765,642.07	28,950,000.00	

Preparation and Submission:

Prepared by:

JERALD R. BARRERA

Engineer II

Construction Division

Checked/Submitted by:

ISIDRA A. ESTANISLAO

Engineer IV

Maintenance Division

Evaluation:

Reviewed by:

SATURNINO C. TORREFRANCA

District Engineer

Planning & Design Division

Name of Project : Paving of Unpaved Road - / Roads Imelda - Bayog - Kumalarang - Lapuyan - Margosatubid
Net Length : 640.00 In.m

[illegible]

Zamboanga del Sur

Item No./Description	Const.
	Field Office for the Engineer :

• • •

	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.)
B.1	Equipment				
	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.)
F.1	Materials				
	a. Materials	lumpsum	1	332,124.41	332,124.41
	Sub-Total for F-1 As Submitted				332,124.41
	Equipment				
F.2					
	Sub-Total for F-2 As Evaluated				
G.1	Direct Unit Cost (E.1+F.1) - As Submitted				388,407.71
G.2	Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			2%/9%/7%/6% of G.1	46,608.93
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			2%/9%/7%/6% of G.1	-
I.1	Contractor's Profit - As Submitted			10%/8% of G.1	31,072.62
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)	23,304.46
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)	489,393.71
K.2	Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

ISIDRA A. ESTANISLAO

Engineer IV

Paving of Unpaved Road **tiary Roads Imelda - Bayog - Kumalarang - Lap** **- Margosatubig Road**
Zamboanga del Sur

FORM-POW-2015-01D-00

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

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				
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				-
Equipment				
B.2				
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	387,996.72	387,996.72
Sub-Total for F-1 As Submitted				387,996.72
Equipment				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				387,996.72
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			2%/9%/7%/6% of G.1	-
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			2%/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)	19,399.84
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)	407,396.56
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

Paving of Unpaved Road **Secondary Roads Imelda - Bayog - Kumalarang - Lap** **- Margosatubing Road**
Zamboanga del Sur

FORM-POW-2015-01D-00

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	576	58.61	33,758.64
Sub-Total for A-1 As Submitted				33,758.64
Labor				
A.2				
Sub-Total for A-2 As Evaluated				-
B.1				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
Sub-Total for B-1 As Submitted				-
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				-
C.1				
Total (A.1+B.1) - As Submitted				33,758.64
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				33,758.64
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	ltrs	2,160.00	50.00	108,000.00
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				278,000.00
Equipment				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				311,758.64
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			2%/9%/7%/6% of G.1	-
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			2%/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)	15,587.93
J.2				
Value Added Tax - As Evaluated			5% of (G.1+H1+I1)	-
K.1				
Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	327,346.57
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

Paving of Unpaved Road **tiary Roads Imelda - Bayog - Kumalarang - Lap** **- Margosatubig Road**
 Zamboanga del Sur

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Construction Survey and Staking

Unit of Measurement : 0.64 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				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
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.)
F.1				
Materials				
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				5,387.30
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				3,591.53
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				2,693.65
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				56,566.63
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

JERALD R. BARRERA
 Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO
 Engineer IV

Paving of Unpaved Road - Tertiary Roads Imelda - Bayog - Kumalarang - Lap - Margosatubig Road

Zamboanga del Sur

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Project Billboard

Unit of Measurement : 2.00 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.)
A.1	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				
B.1	Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
	Equipment				
	Sub-Total for B-1 As Submitted				-
	Equipment				
B.2					
	Sub-Total for B-2 As Evaluated				
C.1	Total (A.1+B.1) - As Submitted				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				-
F.1	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
	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 CMW 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			2%/9%/7%/6% of G.1	345.42
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			2%/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)	172.71
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)	3,626.89
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

Paving of Unpaved Road - Tertiary Roads Imelda - Bayog - Kumalarang - Lap - Margosatubing Road

Zamboanga del Sur

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	288	80.95	23,313.96
A.1	2	576	74.14	85,404.96
Sub-Total for A-1 As Submitted				108,718.92
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				108,718.92
C.2				-
D.1				1.00
D.2				-
E.1				108,718.92
E.2				-
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				121,078.92
G.2				-
H.1				-
H.2				-
I.1				9,686.31
I.2				-
J.1				6,538.26
J.2				-
K.1				137,303.50
K.2				-

Prepared by:

Checked/Reviewed

JERALD R. BARRERA
 Engineer II

ISIDRA A. ESTANISLAO
 Engineer IV

Paving of Unpaved Road **tiary Roads Imelda - Bayog - Kumalarang - Lap** **- Margosatubig Road**
 Zamboanga del Sur

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Mobilization & Demobilization

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				-
				-
				-
				-
				-
				-
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			2%/9%/7%/6% of G.1	-
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			2%/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:

Checked/Reviewed


JERALD R. BARRERA
 Engineer II


ISIDRA A. ESTANISLAO
 Engineer IV

Paving of Unpaved Road **tiary Roads Imelda - Bayog - Kumalarang - Lap** **- Margosatubig Road**

Zamboanga del Sur

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Removal of Actual Structures/Obstructions

Unit of Measurement : 4.00 cu.m

Output per hour-As Submitted : 10.00

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. Unskilled 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				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
B.1	1	0.50	1,998.10	999.05
a. Backhoe w/ Breaker				
b. Dumptruck	1	1.00	1,420.00	1,420.00
c. Backhoe	1	0.50	1,537.00	768.50
Sub-Total for B-1 As Submitted				3,187.55
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				3,358.81
Total (A.1+B.1) - As Submitted				
C.2				-
Total (A.2+B.2) - As Evaluated				
D.1				10.00
Output per Hour - As Submitted				
D.2				-
Output per Hour - As Evaluated				
E.1				335.88
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				
E.2				-
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
F.1	m	20.00	20.00	400.00
a. Rope, 1" dia.				
				-
				20.00
				1.00
Sub-Total for F-1 As Submitted				420.00
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				755.88
Direct Unit Cost (E.1+F.1) - As Submitted				
G.2				-
Direct Unit Cost (E.2+F.2) - As Evaluated				
H.1			12%/9%/7%/6% of G.1	90.71
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				
H.2			12%/9%/7%/6% of G.1	-
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				
I.1			10%/8% of G.1	60.47
Contractor's Profit - As Submitted				
I.2			10%/8% of G.1	-
Contractor's Profit - As Evaluated				
J.1			5% of (G.1+H1+I1)	45.35
Value Added Tax - As Submitted				
J.2			5% of (G.2+H2+I2)	-
Value Added Tax - As Evaluated				
K.1			(G.1+H1+I1+J1)	952.41
Total Unit Cost - As Submitted				
K.2			(G.2+H2+I2+J1)	-
Total Unit Cost - As Evaluated				

Prepared by:

Checked/Reviewed

JEKALD R. BARRERA
Engineer II

ISIDRA A. ESTANISLAO
Engineer IV

Paving of Unpaved Road **tiary Roads Imelda - Bayog - Kumalarang - Lap** **- Margosatubig Road**
 Zamboanga del Sur

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Surplus Common Excavation

Unit of Measurement : 39,917.50 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				
B.1				
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.)
F.1				
Materials				
				-
				-
				-
Sub-Total for F-1 As Submitted				-
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	34.06
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)	17.03
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)	357.67
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

Paving of Unpaved Road **tiary Roads Imelda - Bayog - Kumalarang - Lap** **- Margosatubig Road**
 Zamboanga del Sur

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Structure Excavation

Unit of Measurement : 41.00 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				3,195.06
Total (A.1+B.1) - As Submitted				
C.2				-
Total (A.2+B.2) - As Evaluated				
D.1				20.00
Output per Hour - As Submitted				
D.2				-
Output per Hour - As Evaluated				
E.1				159.75
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				
E.2				-
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
F.1				
				-
				-
				-
Sub-Total for F-1 As Submitted				-
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				159.75
Direct Unit Cost (E.1+F.1) - As Submitted				
G.2				-
Direct Unit Cost (E.2+F.2) - As Evaluated				
H.1			12%/9%/7%/6% of G.1	19.17
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				
H.2			12%/9%/7%/6% of G.1	-
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				
I.1			10%/8% of G.1	12.78
Contractor's Profit - As Submitted				
I.2			10%/8% of G.1	-
Contractor's Profit - As Evaluated				
J.1			5% of (G.1+H1+I1)	9.59
Value Added Tax - As Submitted				
J.2			5% of (G.2+H2+I2)	-
Value Added Tax - As Evaluated				
K.1			(G.1+H1+I1+J1)	201.29
Total Unit Cost - As Submitted				
K.2			(G.2+H2+I2+J1)	-
Total Unit Cost - As Evaluated				

Prepared by:

JERALD R. BARRERA
 Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO
 Engineer IV

Item No./Description : Foundation Fill

Unit of Measurement : 3.50 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
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.)				
B.1				
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				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				435.23
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.25
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				348.19
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification				
Unit				
Quantity				
Unit Cost				
Amount (Php.)				
F.1				
Materials				
a. Filling Materials	cu.m	1.15	984.76	1,132.47
Sub-Total for F-1 As Submitted				1,132.47
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				1,480.66
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	177.68
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	118.45
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)	88.84
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)	1,865.63
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

Paving of Unpaved Road **Primary Roads Imelda - Bayog - Kumalarang - Lap** **- Margosatubing Road**
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Pipe Culverts and Drain Excavation
Unit of Measurement : 42.50 cu.m
Output per hour-As Submitted : 20.00
Output per hour-As Evaluated : -

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Construction Foreman	1	1.00	80.95	80.95
A.1	3	1.00	45.16	135.47
b. Laborer				
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				-
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	27.69
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)	13.85
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)	290.75
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 : Embankment from Roadway Excavation

Unit of Measurement : 9,242.50 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				27.71
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				13.85
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				290.94
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

JERALD R. BARRERA

Engineer II

ISIDRA A. ESTANISLAO

Engineer IV

Paving of Unpaved Road **tiary Roads Imelda - Bayog - Kumalarang - Lap** **- Margosatubig Road**

Zamboanga del Sur

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Subgrade Preparation

Unit of Measurement : 4,777.50 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				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
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				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	1.92
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)	0.96
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)	20.17
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

Paving of Unpaved Road - Tertiary Roads Imelda - Bayog - Kumalarang - Lap - Margosatubig Road

Zamboanga del Sur

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Aggregate Subbase Course

Unit of Measurement : 2,899.50 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				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
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
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	984.76	1,132.47
				-
Sub-Total for F-1 As Submitted				1,132.47
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				1,228.53
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	147.42
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	98.28
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)	73.71
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)	1,547.95
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

Paving of Unpaved Road **Primary Roads Imelda - Bayog - Kumalarang - Lap**
 Zamboanga del Sur **DETAILED UNIT PRICE ANALYSIS**

FORM-POW-2015-01D-00

Item No./Description : Gravel Surface Course

Unit of Measurement : 177.50 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				
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				50.00
D.1				
Output per Hour - As Submitted				-
D.2				
Output per Hour - As Evaluated				96.06
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
a. Uncrushed Aggregate Surface Course	cu.m	1.15	1,024.76	1,178.47
				-
Sub-Total for F-1 As Submitted				1,178.47
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				1,274.53
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	152.94
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	101.96
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)	76.47
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)	1,605.91
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:


GERALD R. BARRERA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

Paving of Unpaved Road **Primary Roads Imelda - Bayog - Kumalarang - Lap**
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Portland Cement Concrete Pavement

Unit of Measurement : 1,592.00 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				
				-
				-
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. 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				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				12,896.73
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				107.33
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 +D.1) - As Submitted				120.16
E.2				
Direct Unit Cost (C.2 +D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Reinforcing Steel Bar	Kg	0.330	40.00	13.20
b. Curing Compound	ltr	0.290	40.00	11.60
c. Asphalt Sealant	ltr	0.120	75.00	9.00
d. Steel Forms	m	0.460	40.00	18.40
F.1				
e. Sand	cu.m	0.083	1,219.76	100.63
f. Gravel	cu.m	0.150	1,294.76	194.21
g. Cement	bag	1.430	275.38	393.79
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				743.10
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-

G.1	Direct Unit Cost (E.1+F.1) - As Submitted		863.26
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	103.59
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	69.06
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)	51.80
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)	1,087.71
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

Paving of Unpaved Road **rtiary Roads Imelda - Bayog - Kumalarang - Lal** **- Margosatubig Road**
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Portland Cement Concrete Pavement

Unit of Measurement : 5,062.50 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.)
A.1	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
A.2	Labor				
					-
					-
	Sub-Total for A-2 As Evaluated				-
B.1	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
B.2	Equipment				
	Sub-Total for B-2 As Evaluated				
C.1	Total (A.1+B.1) - As Submitted				12,896.73
C.2	Total (A.2+B.2) - As Evaluated				-
D.1	Output per Hour - As Submitted				57.50
D.2	Output per Hour - As Evaluated				-
E.1	Direct Unit Cost (C.1 +D.1) - As Submitted				224.29
E.2	Direct Unit Cost (C.2 +D.2) - As Evaluated				-
F.1	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 Seagant	ltr	0.170	75.00	12.75
	d. Steel Forms	m	0.460	40.00	18.40
	e. Sand	cu.m	0.154	1,219.76	187.84
	f. Gravel	cu.m	0.280	1,294.76	362.53
	g. Cement	bag	2.660	275.38	732.50
	h. Concrete Saw	pc	0.000	8,000.00	1.20
	i. Pipe Sleeve	m	0.008	133.00	1.04
F.2	j. Grease/Tar	ltr	0.008	21.00	0.16
	Sub-Total for F-1 As Submitted				1,348.03
	Materials				
	Sub-Total for F-2 As Evaluated				-

G.1	Direct Unit Cost (E.1+F.1) - As Submitted		1,572.32
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	157.23
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	125.79
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)	92.77
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)	1,948.10
K.2	Total Unit Cost - As Evaluated	(G.2+H2+I2+J2)	-

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 : 27.00 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				
Total (A.1+B.1) - As Submitted				898.07
C.1				
Total (A.2+B.2) - As Evaluated				-
C.2				
Total (A.2+B.2) - As Evaluated				1.00
D.1				
Output per Hour - As Submitted				-
D.2				
Output per Hour - As Evaluated				898.07
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Portland Cement	bag	1.08	275.38	297.41
b. Sand	cu.m	0.06	1,219.76	74.41
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	1,219.76	156.13
Sub-Total for F-1 As Submitted				2,344.94
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				3,243.01
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	324.30
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	259.44
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)	191.34
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)	4,018.09
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

Paving of Unpaved Road
Primary Roads Imelda - Bayog - Kumalarang - Lal
 Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Grouted Riprap, Class "A"
 Unit of Measurement : 8.00 cu.m
 Output per hour-As Submitted : 1.25
 Output per hour-As Evaluated : -

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. 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	275.38	688.44
b. Sand	cu.m	0.21	1,219.76	256.15
c. Gravel Fill	cu.m	0.02	1,294.76	19.42
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	1,304.76	1,370.00
Miscellaneous (1% of Materials Cost)				23.76
Sub-Total for F-1 As Submitted				2,400.07
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				3,127.96
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	312.80
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	250.24
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)	184.55
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)	3,875.54
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

FORM-POW-2015-01D-00

Unit of Measurement	:	18.50	cu.m
Output per hour-As Submitted	:		
Output per hour-As Evaluated	:	1.60	
	:		

	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
	Labor				
	a. Construction Foreman	1	1.00	80.95	80.95
A.1	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				
B.1	a. One Bagger Mixer	1	1.00	172.00	172.00
	b. Water Truck/Pump	1	0.05	2,450.00	122.50
	c. Backhoe	1	0.10	1,537.00	153.70
	Minor Tools (10% of Labor Cost)				55.94
	Sub-Total for B-1 As Submitted				504.14
	Equipment				
B.2					
	Sub-Total for B-2 As Evaluated				
C.1	Total (A.1+B.1) - As Submitted				1,063.56
C.2	Total (A.2+B.2) - As Evaluated				-
D.1	Output per Hour - As Submitted				1.60
D.2	Output per Hour - As Evaluated				-
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				664.73
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	275.38	688.44
	b. Sand	cu.m	0.21	1,219.76	256.15
F.1	c. Gravel Fill	cu.m	0.02	1,294.76	19.42
	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	1,304.76	1,370.00
	Miscellaneous (1% of Materials Cost)				23.76
	Sub-Total for F-1 As Submitted				2,400.07
	Materials				
F.2					
	Sub-Total for F-2 As Evaluated				-
G.1	Direct Unit Cost (E.1+F.1) - As Submitted				3,064.80
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	306.48
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	245.18
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)	180.82
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)	3,797.28
K.2	Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Engineer IV

Paving of Unpaved Road
Primary Roads Imelda - Bayog - Kumalarang - Lal
 Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

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

Unit of Measurement : 213.50 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				
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. 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				
Output per Hour - As Submitted				25.00
D.1				
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
F.1				
d. LPG (50kg)	cy/	0.00	90.00	0.36
e. LPG (12 kg)	cy/	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				
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:

GERALD R. BARRERA
 Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO
 Engineer IV

Paving of Unpaved Road
Primary Roads Imelda - Bayog - Kumalarang - Lal
 Zambanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

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

Unit of Measurement : 101.00 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				-
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				
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)	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				
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			12%/9%/7%/6% of G.1	69.15
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	55.32
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)	40.80
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)	856.78
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