

PROGRAM OF WORK/BUDGET COST

FORM POW-2015-01-00

Project : Road Widening along By-pass National Road Sumagdang-Menzi-Lanote Isabela City, Basilan

Net Length : (a) Road 4,185.52 In.m 4.19 Km.

Project ID : 19J00078

Target Start Date :

Location : Isabela City, Basilan

Total Project Duration : 234 Calendar Days

Station Limits : Km. 00+000.00 - Km. 03+000.00; Km. 03+660.00 - Km. 4+940.00; EQ. 01+905.52 (BK.)/02+000.00(AH.)

No. of Pre-determined	:	52	Calendar Days
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Source of Funds : CY-2019

Unworkable Days	:	26	Calendar Days
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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			1.26%	1,375,289.23		
B: Other General Requirements			0.81%	886,475.65		
C: Earthworks			8.30%	9,049,045.56		
D: Subbase and Base Course			28.68%	31,277,909.01		
E: Surface Courses			56.44%	61,560,730.15		
F: Bridge Construction			0.00%	-		
G: Drainage and Slope Protection Structures			2.73%	2,975,858.69		
H: Miscellaneous Structure			1.79%	1,948,675.56		
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	1,551,949.96	
2. Materials	88,992,382.24	
3. Rental of Equipment	18,529,651.65	
4. Provisional Sum/Daywork	-	
5. OCM and Profit	17,231,404.69	
6. Value Added Tax	6,315,269.43	
7. EAO, 3.5%	4,641,723.03	
8. RROW Acquisition	41,079,342.05	
9. Physical Reseved (Contingency)	1,658,276.97	
10. TOTAL ESTIMATED COST	180,000,000.00	

180,000,000.00

	AS SUBMITTED	AS EVALUATED
A. Total Direct Cost	109,073,983.84	
B. OCM and Profit	17,231,404.69	
C. Value Added Tax	6,315,269.43	
D. Total Construction Cost	-	
E. Eng'g. & Administrative Overhead	4,641,723.03	
F. RROW Acquisition	41,079,347.05	
G. Physical Reserved (Contingency)	1,658,276.97	
H. TOTAL ESTIMATED COST	180,000,000.00	

Preparation and Submission:

Prepared by:

Checked/Submitted by:

Evaluation:

Reviewed by:

Approval:

Recommending Approval

Approved:

SHERMIENEH N. BEDONGGA

Engineer II
DPWH RO9

ISIDRA A. ESTANISLAO

Engineer IV
DPWH RO9

SATURNINO C. TORREFRANCA

District Engineer
DPWH RO9

KHADAFFY D. TANGGOL

Assistant Regional Director
DPWH RO9

CAYAMOMBAO D. DIA, CESO IV

Regional Director
DPWH RO9



Road Widening along By-pass National Sumagdag-Menzi-Lanote Isabela City, Basilan
Isabela City, Basilan

FORM POW-2015-01A-00

ITEMIZED BREAKDOWN

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	598,145.51		598,145.51		728,541.23		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		0.28%
A.1.2 (5)	Operation & Maintenance of Gov't. Service Vehicles	1.00		ls	477,143.72		477,143.72		501,000.91		0.44%
	TOTAL OF PART A				1,375,289.23						1.26%
PART B	Other General Requirements										
B.4(1)	Construction Survey and Staking	4.19		km	44,894.15		10,726.06		13,064.34		0.04%
B.5	Project Billboard	2.00		unit	5,931.96		2,965.98		3,612.57		0.01%
B.7	Occupational Safety & Health Program	1.00		ls	247,917.66		247,917.66		281,138.63		0.23%
B.8(2)	Traffic Management	1.00		ls	111,129.88		111,129.88		135,356.19		0.10%
B.9	Mobilization & Demobilization	1.00		ls	476,602.00		476,602.00		500,432.10		0.44%
	TOTAL OF PART B				886,475.65						0.81%
PART C	Earthworks										
100(1)	Clearing & Grubbing	5.69		has.	222,690.55		39,137.18		47,669.08		0.20%
102(2)	Surplus Common Excavation	37,887.00		cu.m	5,403,010.61		142.61		173.70		4.95%
103(1)a	Structure Excavation	81.00		cu.m	18,691.00		230.75		281.06		0.02%
103(3)	Foundation Fill	8.00		cu.m	17,559.84		2,194.98		2,673.49		0.02%
103(6)a	Pipe Culverts and Drain Excavation	5.00		cu.m	1,153.77		230.75		281.06		0.00%
104(1a)	Embankment from Roadway Excavation	12,357.00		cu.m	2,853,249.26		230.90		281.24		2.62%
105(1a)	Subgrade Preparation	33,274.00		sq.m	532,690.54		16.01		19.50		0.49%
	TOTAL OF PART C				9,049,045.56						8.30%
PART D	Subbase and Base Course										
200(1)	Aggregate Subbase Course	16,099.00		cu.m	31,277,909.01		1,942.85		2,366.39		28.68%
	TOTAL OF PART D				31,277,909.01						28.68%
PART E	Surface Courses										
300(1)	Aggregate Surface Course	946.00		cu.m	1,729,144.15		1,827.85		2,226.32		1.59%
311(1a)	Portland Cement Concrete Pavement	7,505.00		sq.m	7,954,413.59		1,059.88		1,290.94		7.29%
311(1e1)	Portland Cement Concrete Pavement	26,907.00		sq.m	51,877,172.40		1,928.02		2,348.33		47.56%
	TOTAL OF PART E				61,560,730.15						56.44%
PART G	Drainage and Slope Protection Structures										
404(1)b	Reinforcing Steel (Grade 60)	12,897.00		kg	762,844.56		59.15		72.04		0.70%
405(1)a3	Structural Concrete, Class A	153.00		cu.m	1,337,192.86		8,739.82		10,645.10		1.23%
407(8)	Lean Concrete for RCBC	11.00		cu.m	91,223.65		8,293.06		10,100.95		0.08%

500(1)b3	Pipe Culvert & Storm Drain	67.00			321,193.00		4,793.93		5,839.00		0.29%
505(2)a	Grouted Riprap, Class "A"	36.00		cu.m	128,036.80		3,556.58		4,331.91		0.12%
506(1)	Stone Masonry	96.00		cu.m	335,367.82		3,493.41		4,254.98		0.31%
	TOTAL OF PART G				2,975,858.69						2.73%
PART H	Miscellaneous Structure										
611(1)	Trees, Furnishing & Transplanting	184.00		each	1,030,834.05		5,602.36		6,823.67		0.95%
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	1,257.00		sq.m	917,841.51		730.18		889.36		0.84%
	TOTAL OF PART H				1,948,675.56						1.79%
	GRAND TOTAL				109,073,983.84						100.00%

109,073,983.84



Road Widening along By-pass National I Sumagdang-Menzi-Lanote Isabela City, Basilan
Isabela City, Basilan

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							



Road Widening along By-pass National Road Sumagdang-Menzi-Lanote Isabela City, Basilan
Isabela City, Basilan

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 Enigneer	AS EVALUATED											
		AS SUBMITTED	0.55%	1.00	ls	511,129.88	56,283.30	30,732.33	598,145.51	16.00%	95,703.28	34,692.44	728,541.23
A.1.1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	AS EVALUATED											
		AS SUBMITTED	0.28%	1.00	ls	300,000.00	-	-	300,000.00	0.00%	-	15,000.00	315,000.00
A.1.2 (5)	Operation & Maintenance of Gov't. Service Vehicles	AS EVALUATED											
		AS SUBMITTED	0.44%	1.00	ls	404,000.00	73,143.72	-	477,143.72	0.00%	-	23,857.19	501,000.91
	TOTAL OF PART A	AS EVALUATED											
		AS SUBMITTED	1.26%			1,215,129.88	129,427.02	30,732.33	1,375,289.23		95,703.28	73,549.63	1,544,542.14
PART B	Other General Requirements												
B.4(1)	Construction Survey and Staking	AS EVALUATED											
		AS SUBMITTED	0.04%	4.19	km	15,750.00	26,444.15	2,700.00	44,894.15	16.00%	7,183.06	2,603.86	54,681.07
B.5	Project Billboard	AS EVALUATED											
		AS SUBMITTED	0.01%	2.00	unit	5,355.00	576.96	-	5,931.96	16.00%	949.11	344.05	7,225.13
B.7	Occupational Safety & Health Program	AS EVALUATED											
		AS SUBMITTED	0.23%	1.00	ls	12,360.00	235,557.66	-	247,917.66	8.00%	19,833.41	13,387.55	281,138.63
B.8(2)	Traffic Management	AS EVALUATED											
		AS SUBMITTED	0.10%	1.00	ls	-	101,027.16	10,102.72	111,129.88	16.00%	17,780.78	6,445.53	135,356.19
B.9	Mobilization & Demobilization	AS EVALUATED											
		AS SUBMITTED	0.44%	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	0.81%			33,465.00	363,605.93	489,404.72	886,475.65		45,746.37	46,611.10	978,833.12
PART C	Earthworks												
100(1)	Clearing & Grubbing	AS EVALUATED											
		AS SUBMITTED	0.20%	5.69	has.	-	6,850.55	215,840.00	222,690.55	16.00%	35,630.49	12,916.05	271,237.09
102(2)	Surplus Common Excavation	AS EVALUATED											
		AS SUBMITTED	4.95%	37,887.00	cu.m	-	108,144.49	5,294,866.11	5,403,010.61	16.00%	864,481.70	313,374.62	6,580,866.92
103(1)a	Structure Excavation	AS EVALUATED											
		AS SUBMITTED	0.02%	81.00	cu.m	-	876.50	17,814.50	18,691.00	16.00%	2,990.56	1,084.08	22,765.64
103(3)	Foundation Fill	AS EVALUATED											
		AS SUBMITTED	0.02%	8.00	cu.m	14,774.34	1,674.09	1,111.41	17,559.84	16.00%	2,809.57	1,018.47	21,387.88
103(6)a	Pipe Culverts and Drain Excavation	AS EVALUATED											
		AS SUBMITTED	0.00%	5.00	cu.m	-	54.11	1,099.66	1,153.77	16.00%	184.60	66.92	1,405.29
104(1a)	Embankment from Roadway Excavation	AS EVALUATED											
		AS SUBMITTED	2.62%	12,357.00	cu.m	-	77,456.81	2,775,792.45	2,853,249.26	16.00%	456,519.88	165,488.46	3,475,257.60
105(1a)	Subgrade Preparation	AS EVALUATED											
		AS SUBMITTED	0.49%	33,274.00	sq.m	-	18,995.43	513,695.10	532,690.54	16.00%	85,230.49	30,896.05	648,817.07

	TOTAL OF PART C	AS EVALUATED											
		AS SUBMITTED	8.30%			14,774.34	214,051.98	8,820,219.24	9,049,045.56		1,447,847.29	524,844.64	11,021,737.49
PART D	Subbase and Base Course												
200(1)	Aggregate Subbase Course	AS EVALUATED											
		AS SUBMITTED	28.68%	16,099.00	cu.m	29,731,515.14	55,143.50	1,491,250.37	31,277,909.01	16.00%	5,004,465.44	1,814,118.72	38,096,493.18
	TOTAL OF PART D	AS EVALUATED											
		AS SUBMITTED	28.68%			29,731,515.14	55,143.50	1,491,250.37	31,277,909.01		5,004,465.44	1,814,118.72	38,096,493.18
PART E	Surface Courses												
300(1)	Aggregate Surface Course	AS EVALUATED											
		AS SUBMITTED	1.59%	946.00	cu.m	1,638,275.86	3,240.31	87,627.98	1,729,144.15	16.00%	276,663.06	100,290.36	2,106,097.58
311(1a)	Portland Cement Concrete Pavement	AS EVALUATED											
		AS SUBMITTED	7.29%	7,505.00	sq.m	7,052,615.83	59,943.59	841,854.17	7,954,413.59	16.00%	1,272,706.18	461,355.99	9,688,475.76
311(1e1)	Portland Cement Concrete Pavement	AS EVALUATED											
		AS SUBMITTED	47.56%	26,907.00	sq.m	45,842,175.95	401,153.54	5,633,842.91	51,877,172.40	16.00%	8,300,347.58	3,008,876.00	63,186,395.98
	TOTAL OF PART E	AS EVALUATED											
		AS SUBMITTED	56.44%			54,533,067.65	464,337.44	6,563,325.05	61,560,730.15		9,849,716.82	3,570,522.35	74,980,969.32
PART G	Drainage and Slope Protection Structures												
404(1)b	Reinforcing Steel (Grade 60)	AS EVALUATED											
		AS SUBMITTED	0.70%	12,897.00	kg	689,280.17	40,082.35	33,482.05	762,844.56	16.00%	122,055.13	44,244.98	929,144.68
405(1)a3	Structural Concrete, Class A	AS EVALUATED											
		AS SUBMITTED	1.23%	153.00	cu.m	1,135,649.53	139,046.54	62,496.79	1,337,192.86	16.00%	213,950.86	77,557.19	1,628,700.90
407(8)	Lean Concrete for RCBC	AS EVALUATED											
		AS SUBMITTED	0.08%	11.00	cu.m	81,648.01	5,316.43	4,259.21	91,223.65	16.00%	14,595.78	5,290.97	111,110.40
500(1)b3	Pipe Culvert & Storm Drain	AS EVALUATED											
		AS SUBMITTED	0.29%	67.00	ln.m	261,022.10	25,379.18	34,791.72	321,193.00	16.00%	51,390.88	18,629.19	391,213.07
505(2)a	Grouted Riprap, Class "A"	AS EVALUATED											
		AS SUBMITTED	0.12%	36.00	cu.m	101,832.82	16,111.26	10,092.73	128,036.80	16.00%	20,485.89	7,426.13	155,948.83
506(1)	Stone Masonry	AS EVALUATED											
		AS SUBMITTED	0.31%	96.00	cu.m	271,554.18	33,565.13	30,248.51	335,367.82	16.00%	53,658.85	19,451.33	408,478.00
	TOTAL OF PART G	AS EVALUATED											
		AS SUBMITTED	2.73%			2,540,986.80	259,500.88	175,371.01	2,975,858.69		476,137.39	172,599.80	3,624,595.89
PART H	Miscellaneous Structure												
611(1)	Trees, Furnishing & Transplanting	AS EVALUATED											
		AS SUBMITTED	0.95%	184.00	each	106,627.85	42,296.54	881,909.65	1,030,834.05	16.00%	164,933.45	59,788.37	1,255,555.87
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	AS EVALUATED											
		AS SUBMITTED	0.84%	1,257.00	sq.m	816,815.57	23,586.66	77,439.28	917,841.51	16.00%	146,854.64	53,234.81	1,117,930.96
	TOTAL OF PART H	AS EVALUATED											
		AS SUBMITTED	1.79%			923,443.42	65,883.20	959,348.93	1,948,675.56		311,788.09	113,023.18	2,373,486.83
	GRAND TOTAL	AS EVALUATED											
		AS SUBMITTED	100.00%			88,992,382.24	1,551,949.96	18,529,651.65	109,073,983.84		17,231,404.69	6,315,269.43	132,620,657.95

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description	:	Reflectorized Thermoplastic Pavement Markings (White)
Unit of Measurement	:	1,257.00 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				
				-
				-
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				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	168.00	20.16
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)				30.94
Sub-Total for F-1 As Submitted				649.81
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				730.18
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	58.41
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	58.41
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)	42.35
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)	889.36
K.2 Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

Checked/Reviewed

SHERMENDY M. BETONGGA

Engineer II

ISIDRA A. ESTANISLAO

Engineer IV

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Stone Masonry

Unit of Measurement : 96.00 cu.m

Output per hour-As Submitted : 1.60

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. 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	5.50	307.44	1,690.92
b. Sand	cu.m	0.30	2,305.91	691.77
c. Gravel Fill	cu.m	0.02	1,605.91	24.09
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	1,410.91	1,481.45
Miscellaneous (1% of Materials Cost)				39.31
Sub-Total for F-1 As Submitted				3,969.84
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				4,634.57
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	370.77
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	370.77
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)	268.80
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)	5,644.90
K.2 Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

SHERRYANNE M. BETONGGA

Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO

Engineer IV

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

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

Unit of Measurement : 36.00 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	3.00	307.44	922.32
b. Sand	cu.m	0.25	2,305.91	576.48
c. Gravel Fill	cu.m	0.02	1,605.91	24.09
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	1,410.91	1,481.45
Miscellaneous (1% of Materials Cost)				30.47
Sub-Total for F-1 As Submitted				3,077.11
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				3,804.99
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	304.40
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	304.40
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)	220.69
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)	4,634.48
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

SHERMENDY B. BETONGGA

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 : 67.00 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				898.07
Total (A.1+B.1) - As Submitted				
C.2				-
Total (A.2+B.2) - As Evaluated				
D.1				1.00
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	307.44	332.04
b. Sand	cu.m	0.06	2,305.91	140.66
c. RC Pipes (910 mm dia.)	pc	1.00	3,128.00	3,128.00
d. Sand Bedding/Selected Sandy Soil	cu.m	0.13	2,305.91	295.16
Sub-Total for F-1 As Submitted				3,895.85
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				4,793.93
Direct Unit Cost (E.1+F.1) - As Submitted				
G.2				-
Direct Unit Cost (E.2+F.2) - As Evaluated				
H.1			2%/9%/7%/6% of G.1	383.51
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			2%/9%/7%/6% of G.1	-
H.2			10%/8% of G.1	383.51
Contractor's Profit - As Submitted			10%/8% of G.1	-
I.2			5% of (G.1+H1+I1)	278.05
Contractor's Profit - As Evaluated			5% of (G.2+H2+I2)	-
J.1			5% of (G.1+H1+I1+J1)	5,839.00
Value Added Tax - As Evaluated			(G.2+H2+I2+J1)	-
K.1				
Total Unit Cost - As Submitted				-
K.2				
Total Unit Cost - As Evaluated				

Prepared by:

Checked/Reviewed

SHERMIE N. BETONGGA

Engineer-III

ISIDRA A. ESTANISLAO

Engineer IV

DETAILED UNIT PRICE ANALYSIS

Item No./Description	: Lean Concrete for RCBC
1	100 mm thick concrete for RCBC
2	150 mm thick concrete for RCBC
3	200 mm thick concrete for RCBC
4	250 mm thick concrete for RCBC
5	300 mm thick concrete for RCBC
6	350 mm thick concrete for RCBC
7	400 mm thick concrete for RCBC
8	450 mm thick concrete for RCBC
9	500 mm thick concrete for RCBC
10	550 mm thick concrete for RCBC
11	600 mm thick concrete for RCBC
12	650 mm thick concrete for RCBC
13	700 mm thick concrete for RCBC
14	750 mm thick concrete for RCBC
15	800 mm thick concrete for RCBC
16	850 mm thick concrete for RCBC
17	900 mm thick concrete for RCBC
18	950 mm thick concrete for RCBC
19	1000 mm thick concrete for RCBC
20	1050 mm thick concrete for RCBC
21	1100 mm thick concrete for RCBC
22	1150 mm thick concrete for RCBC
23	1200 mm thick concrete for RCBC
24	1250 mm thick concrete for RCBC
25	1300 mm thick concrete for RCBC
26	1350 mm thick concrete for RCBC
27	1400 mm thick concrete for RCBC
28	1450 mm thick concrete for RCBC
29	1500 mm thick concrete for RCBC
30	1550 mm thick concrete for RCBC
31	1600 mm thick concrete for RCBC
32	1650 mm thick concrete for RCBC
33	1700 mm thick concrete for RCBC
34	1750 mm thick concrete for RCBC
35	1800 mm thick concrete for RCBC
36	1850 mm thick concrete for RCBC
37	1900 mm thick concrete for RCBC
38	1950 mm thick concrete for RCBC
39	2000 mm thick concrete for RCBC
40	2050 mm thick concrete for RCBC
41	2100 mm thick concrete for RCBC
42	2150 mm thick concrete for RCBC
43	2200 mm thick concrete for RCBC
44	2250 mm thick concrete for RCBC
45	2300 mm thick concrete for RCBC
46	2350 mm thick concrete for RCBC
47	2400 mm thick concrete for RCBC
48	2450 mm thick concrete for RCBC
49	2500 mm thick concrete for RCBC
50	2550 mm thick concrete for RCBC
51	2600 mm thick concrete for RCBC
52	2650 mm thick concrete for RCBC
53	2700 mm thick concrete for RCBC
54	2750 mm thick concrete for RCBC
55	2800 mm thick concrete for RCBC
56	2850 mm thick concrete for RCBC
57	2900 mm thick concrete for RCBC
58	2950 mm thick concrete for RCBC
59	3000 mm thick concrete for RCBC
60	3050 mm thick concrete for RCBC
61	3100 mm thick concrete for RCBC
62	3150 mm thick concrete for RCBC
63	3200 mm thick concrete for RCBC
64	3250 mm thick concrete for RCBC
65	3300 mm thick concrete for RCBC
66	3350 mm thick concrete for RCBC
67	3400 mm thick concrete for RCBC
68	3450 mm thick concrete for RCBC
69	3500 mm thick concrete for RCBC
70	3550 mm thick concrete for RCBC
71	3600 mm thick concrete for RCBC
72	3650 mm thick concrete for RCBC
73	3700 mm thick concrete for RCBC
74	3750 mm thick concrete for RCBC
75	3800 mm thick concrete for RCBC
76	3850 mm thick concrete for RCBC
77	3900 mm thick concrete for RCBC
78	3950 mm thick concrete for RCBC
79	4000 mm thick concrete for RCBC
80	4050 mm thick concrete for RCBC
81	4100 mm thick concrete for RCBC
82	4150 mm thick concrete for RCBC
83	4200 mm thick concrete for RCBC
84	4250 mm thick concrete for RCBC
85	4300 mm thick concrete for RCBC
86	4350 mm thick concrete for RCBC
87	4400 mm thick concrete for RCBC
88	4450 mm thick concrete for RCBC
89	4500 mm thick concrete for RCBC
90	4550 mm thick concrete for RCBC
91	4600 mm thick concrete for RCBC
92	4650 mm thick concrete for RCBC
93	4700 mm thick concrete for RCBC
94	4750 mm thick concrete for RCBC
95	4800 mm thick concrete for RCBC
96	4850 mm thick concrete for RCBC
97	4900 mm thick concrete for RCBC
98	4950 mm thick concrete for RCBC
99	5000 mm thick concrete for RCBC
100	5050 mm thick concrete for RCBC
101	5100 mm thick concrete for RCBC
102	5150 mm thick concrete for RCBC
103	5200 mm thick concrete for RCBC
104	5250 mm thick concrete for RCBC
105	5300 mm thick concrete for RCBC
106	5350 mm thick concrete for RCBC
107	5400 mm thick concrete for RCBC
108	5450 mm thick concrete for RCBC
109	5500 mm thick concrete for RCBC
110	5550 mm thick concrete for RCBC
111	5600 mm thick concrete for RCBC
112	5650 mm thick concrete for RCBC
113	5700 mm thick concrete for RCBC
114	5750 mm thick concrete for RCBC
115	5800 mm thick concrete for RCBC
116	5850 mm thick concrete for RCBC
117	5900 mm thick concrete for RCBC
118	5950 mm thick concrete for RCBC
119	6000 mm thick concrete for RCBC
120	6050 mm thick concrete for RCBC
121	6100 mm thick concrete for RCBC
122	6150 mm thick concrete for RCBC
123	6200 mm thick concrete for RCBC
124	6250 mm thick concrete for RCBC
125	6300 mm thick concrete for RCBC
126	6350 mm thick concrete for RCBC
127	6400 mm thick concrete for RCBC
128	6450 mm thick concrete for RCBC
129	6500 mm thick concrete for RCBC
130	6550 mm thick concrete for RCBC
131	6600

Unit of Measurement	: 11.00 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.)
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	8	1.00	45.16	361.25
	Sub-Total for A-1 As Submitted				676.64
	Labor				
					-
A.2					-
	Sub-Total for A-2 As Evaluated				
	Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
B.1	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)				33.83
	Sub-Total for B-1 As Submitted				542.08
	Equipment				
B.2					
	Sub-Total for B-2 As Evaluated				
C.1	Total (A.1+B.1) - As Submitted				1,218.72
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				870.51
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1	Materials				
	a. Lumber, Good	bd.ft	17.50	56.00	980.00
	b. Marine Plywood	pc	0.40	1,750.00	700.00
	c. Assorted CMN	kg	0.70	90.00	63.00
	d. Cement	bag	9.50	307.44	2,920.69
	e. Sand	cu.m	0.50	2,305.91	1,152.95
	f. Gravel	cu.m	1.00	1,605.91	1,605.91
	Sub-Total for F-1 As Submitted				7,422.55
	Materials				
F.2					
	Sub-Total for F-2 As Evaluated				-
G.1	Direct Unit Cost (E.1+F.1) - As Submitted				8,293.06
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	663.44
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	663.44
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)	481.00
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)	10,100.95
K.2	Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Checked/Reviewed


ISIDRA A. ESTANISLAO
Engineer IV

Road Widening along 3rd Pass National Road Sumagdagang-Menzi-Lanote
Isabela City, Basilan
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Structural Concrete, Class A

Unit of Measurement : 153.00 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
<i>Installation/Removal of Formworks</i>				-
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				1,844.19
Total (A.1+B.1) - As Submitted				
C.2				-
Total (A.2+B.2) - As Evaluated				
D.1				1.40
Output per Hour - As Submitted				
D.2				-
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				1,317.28
E.1				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
E.2				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Lumber, Good	bd.ft	17.50	56.00	980.00
b. Marine Plywood	pc	0.40	1,750.00	700.00
c. Assorted CWN	kg	0.70	90.00	63.00
d. Cement	bag	9.50	307.44	2,920.69
e. Sand	cu.m	0.50	2,305.91	1,152.95
f. Gravel	cu.m	1.00	1,605.91	1,605.91
Sub-Total for F-1 As Submitted				7,422.55
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				8,739.82
Direct Unit Cost (E.1+F.1) - As Submitted				
G.2				-
Direct Unit Cost (E.2+F.2) - As Evaluated				
H.1				699.19
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				
H.2				-
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				
I.1				699.19
Contractor's Profit - As Submitted				
I.2				-
Contractor's Profit - As Evaluated				
J.1				506.91
Value Added Tax - As Submitted				
J.2				-
Value Added Tax - As Evaluated				
K.1				10,645.10
Total Unit Cost - As Submitted				
K.2				-
Total Unit Cost - As Evaluated				

Prepared by:


SHERMZEN M. BETONGGA
Engineer-IT

Checked/Reviewed


ISIDRA A. ESTANISLAO
Engineer IV

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Reinforcing Steel (Grade 60)

Unit of Measurement : 12,897.00 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	-
c. Cargo Truck	1	0.15	1,212.00	-
Sub-Total for B-1 As Submitted				109.75
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				669.17
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				3.72
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	95.00	2.00
b. Reinforcing Steel Bar, Grade 60	kg	1.05	49.00	51.45
F.1				
Sub-Total for F-1 As Submitted				53.45
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				57.16
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			29%/9%/7%/6% of G.1	4.57
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			29%/9%/7%/6% of G.1	-
I.1 Contractor's Profit - As Submitted			10%/8% of G.1	4.57
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)	2.86
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)	69.17
K.2 Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:



SHERMENE H. BETONGGA
Engineer II

Checked/Reviewed



ISIDRA A. ESTANISLAO
Engineer IV

G.1	Direct Unit Cost (E.1+F.1) - As Submitted		1,928.02
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	154.24
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	154.24
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)	111.83
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)	2,348.33
K.2	Total Unit Cost - As Evaluated	(G.2+H2+I2+J1)	-

Prepared by:


SHERMIEH M. BETONGGA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

Isabela City, Basilan

FORM-POW-2015-01.D-00

Item No./Description	: Portland Cement Concrete Pavement
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Unit of Measurement	:	26,907.00	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
	Labor				-
					-
A.2					-
	Sub-Total for A-2 As Evaluated				
	Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
B.1	Equipment				
	a. Transit Mixer	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 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				-
	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1	Materials				
	a. Reinforcing Steel Bar	kg	0.500	49.00	24.50
	b. Curing Compound	ltr	0.290	48.00	13.92
	c. Asphalt Sealant	ltr	0.170	75.00	12.75
	d. Steel Forms	m	0.460	60.00	27.60
	e. Sand	cu.m	0.154	2,305.91	355.11
	f. Gravel	cu.m	0.280	1,605.91	449.65
	g. Cement	bag	2.660	307.44	817.79
	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	0.008	21.00	0.16	
	Sub-Total for F-1 As Submitted				1,703.73
	Materials				
F.2					
	Sub-Total for F-2 As Evaluated				-

G.1	Direct Unit Cost (E.1+F.1) - As Submitted		1,059.88
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	84.79
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	84.79
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)	61.47
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)	1,290.94
K.2	Total Unit Cost - As Evaluated	(G.2+H2+I2+J1)	-

Prepared by:


SHERMIE H. BETONGGA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

Road Widening along 1-pass National Road Sumagdagang-Menzi-Lanote Isabela City, Basilan
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Portland Cement Concrete Pavement

Unit of Measurement : 7,505.00 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	49.00	16.17
b. Curing Compound	ltr	0.290	48.00	13.92
c. Asphalt Sealant	ltr	0.120	75.00	9.00
d. Steel Forms	m	0.460	60.00	27.60
e. Sand	cu.m	0.083	2,305.91	190.24
f. Gravel	cu.m	0.150	1,605.91	240.89
g. Cement	bag	1.430	307.44	439.64
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				939.72
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-

Road Widening along 1-pass National Road Sumagdagang-Menzi-Lanote
Isabela City, Basilan
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Aggregate Surface Course

Unit of Measurement : 946.00 cu.m

Output per hour-As Submitted : 50.00

Output per hour-As Evaluated : -

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
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				-
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	1,505.91	1,731.79
				-
Sub-Total for F-1 As Submitted				1,731.79
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				1,827.85
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	146.23
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	146.23
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)	106.02
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)	2,226.32
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:


SHERMEND M. BETONGGA
Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
Engineer IV

Road Widening along 7-pass National Road Sumagdang-Menzi-Lanote Isabela City, Basilan
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Aggregate Subbase Course

Unit of Measurement : 16,099.00 cu.m

Output per hour-As Submitted : 50.00

Output per hour-As Evaluated : -

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
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. Aggregate Subbase Course	cu.m	1.15	1,605.91	1,846.79
Sub-Total for F-1 As Submitted				1,846.79
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				1,942.85
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	155.43
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	155.43
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)	112.69
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)	2,366.39
K.2 Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:


SHERMINED M. BETONGGA
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 : 33,274.00 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				
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			2%/9%/7%/6% of G.1	1.28
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	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+H.1+I.1)	0.93
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)	19.50
K.2 Total Unit Cost - As Evaluated			(G.2+H.2+I.2+J.2)	-

Prepared by:

SHERMIEEN M. BETONGGA

Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO

Engineer IV

Road Widening alo /-pass **National Road Sunagdag-Menzi-Lanote**
Isabela City, Basilan
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Embankment from Roadway Excavation
Unit of Measurement : 12,357.00 cu.m
Output per hour -As Submitted : 50.00
Output per hour -As Evaluated : -

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
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				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
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				-
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				230.90
G.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				18.47
H.2				
Contractor's Profit - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				18.47
I.2				
Value Added Tax - As Evaluated				-
J.1				
Value Added Tax - As Submitted				13.39
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				281.24
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:


SHERMIEEN M. BETONGGA
Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
Engineer IV

Road Widening along 3-lane National Road Sumagdang-Menzi-Lanote Isabela City, Basilan
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Pipe Culverts and Drain Excavation

Unit of Measurement : 5.00 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.)
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				230.75
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	18.46
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	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)	13.38
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)	281.06
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:


SHEKMIENE M. BETONGGA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Foundation Fill

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.)
A.1	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				-
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	1,605.91	1,846.79
	Sub-Total for F-1 As Submitted				1,846.79
	Materials				
F.2					
	Sub-Total for F-2 As Evaluated				-
G.1	Direct Unit Cost (E.1+F.1) - As Submitted				2,194.98
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	175.60
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	175.60
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)	127.31
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)	2,673.49
K.2	Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:


SHERMITEN M. BETONGGA
Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
Engineer IV

Road Widening along 3-pass National Road Sumagdang-Menzi-Lanote
Isabela City, Basilan
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Structure Excavation

Unit of Measurement : 81.00 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			2%/9%/7%/6% of G.1	18.46
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	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)	13.38
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)	281.06
K.2 Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:


SHERMELEN M. BETONGGA
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 : 37,887.00 cu.m

Output per hour-As Submitted : 60.00

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 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				
Equipment				
B.1				
a. Bulldozer	1	1.00	3,379.00	3,379.00
b. Payloader	1	1.00	1,733.00	1,733.00
c. Payloader	1	0.25	1,733.00	433.25
b. Dumptruck	2	1.00	1,420.00	2,840.00
Sub-Total for B-1 As Submitted				8,385.25
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				8,556.51
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				142.61
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification				
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				142.61
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	11.41
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	11.41
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)	8.27
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)	173.70
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:


SHERNAN M. BETONGGA
Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
Engineer IV

Road Widening along 3-lane National Road Sunagdang-Menzi-Lanote Isabela City, Basilan
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

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

Unit of Measurement : each

Output per hour-As Submitted : 10.00 cu.m

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				
B.1				
a. Backhoe w/ Breaker	1	0.50	1,998.10	999.05
b. Backhoe	1	0.50	1,537.00	768.50
c. Dumptruck	1	1.00	1,420.00	1,420.00
Sub-Total for B-1 As Submitted				3,187.55
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				3,358.81
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				10.00
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				335.88
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				335.88
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	33.59
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	26.87
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)	19.82
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)	416.16
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:


SHERMIEM M. BETONGGA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Traffic Management

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. Laborer	2	624.00	80.95	101,027.16
A.1				
Sub-Total for A-1 As Submitted				101,027.16
Labor				
				-
				-
				-
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
B.1				
Equipment				-
				-
Sub-Total for B-1 As Submitted				-
B.2				
Sub-Total for B-2 As Evaluated				
C.1				101,027.16
Total (A.1+B.1) - As Submitted				
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				101,027.16
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. Traffic Materials/Supplies	ls	1.00	100,000.00	100,000.00
F.1				
Sub-Total for F-1 As Submitted				100,000.00
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				201,027.16
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1			2%/9%/7%/6% of G.1	
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				
H.2			2%/9%/7%/6% of G.1	-
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			10%/8% of G.1	16,082.17
I.1			10%/8% of G.1	
Contractor's Profit - As Submitted			10%/8% of G.1	-
I.2			5% of (G.1+H1+I1)	10,855.47
Contractor's Profit - As Evaluated			5% of (G.2+H2+I2)	-
J.1			(G.1+H1+I1+J1)	227,964.80
Value Added Tax - As Submitted			(G.2+H2+I2+J1)	-
J.2				
Value Added Tax - As Evaluated				
K.1				
Total Unit Cost - As Submitted				
K.2				
Total Unit Cost - As Evaluated				

Prepared by:


SHERLENE M. BETONGGA
Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
Engineer IV

Road Widening along 3-lane National Road Sumagdang-Menzi-Lanote Isabela City, Basilan

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Clearing & Grubbing

Unit of Measurement : 5.69 has.

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	40.00	80.95	3,238.05
b. Laborer	2	40.00	45.16	3,612.50
A.1				
Sub-Total for A-1 As Submitted				6,850.55
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. Payloader (1.50 cum)	1	20.00	1,733.00	34,660.00
b. Bulldozer	1	20.00	3,379.00	67,580.00
c. Dumptruck	2	40.00	1,420.00	113,600.00
Sub-Total for B-1 As Submitted				215,840.00
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				222,690.55
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				222,690.55
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				222,690.55
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				17,815.24
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				17,815.24
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				11,134.53
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				(G.1+H1+I1+J1)
K.2				
Total Unit Cost - As Evaluated				269,455.57

Prepared by:


SHERWIN M. BETONGGA
Engineer II

Checked/Reviewed


SIDRA A. ESTANISLA
Engineer IV

Road Widening along 3-lane to 4-lane National Road Sumagdang-Menzi-Lanote
Isabela City, Basilan
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				-
Sub-Total for A-1 As Submitted				-
Labor				
A.2				
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				
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:


SHERMINEH D. BETONGGA
Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
Engineer IV

Road Widening along 3-lane National Road Sumagdang-Menzi-Lanote Isabela City, Basilan

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.)
A.1	Labor				
	a. Safety Practitioner	1	624	80.95	50,513.58
	b. First Aider	2	1248	74.14	185,044.08
	Sub-Total for A-1 As Submitted				235,557.66
	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				
	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				235,557.66
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				235,557.66
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				247,917.66
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%/9% of G.1	19,833.41
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)	13,387.55
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)	281,138.63
K.2	Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:


SHERMIEEN M. BETONGGA
Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
Engineer IV

Road Widening along 3-lane to 4-lane National Road Sumagdang-Menzi-Lanote
Isabela City, Basilan

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.)
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				288.48
Total (A.1+B.1) - As Submitted				-
C.2				1.00
Output per Hour - As Submitted				
D.2				
Output per Hour - As Evaluated				288.48
E.1				
Direct Unit Cost (C.1 +D.1) - As Submitted				
E.2				-
Direct Unit Cost (C.2 ÷D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
F.1				
a. Marine Plywood, 3/6" thk x 4' x 8'	pcs	1.00	1,750.00	1,750.00
b. Tarpauling (4" x 8")	pcs	1.00	800.00	800.00
c. Assorted Lumber Sizes	bd.ft	50.00	13.00	650.00
d. Assorted Sizes GWN Nails	kg	1.00	90.00	90.00
Sub-Total for F-1 As Submitted				3,200.00
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				3,488.48
Direct Unit Cost (E.1+F.1) - As Submitted				-
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				279.08
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				-
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				202.33
I.1				
Contractor's Profit - As Submitted				-
I.2				
Contractor's Profit - As Evaluated				4,248.97
J.1				
Value Added Tax - As Submitted				-
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				-
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:


SHERMINETH M. BETONGGA
Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
Engineer IV

Road Widening along 3-lane National Road Sumagdang-Menzi-Lanote Isabela City, Basilan
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Construction Survey and Staking
 Unit of Measurement : 4.19 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.)
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			2%/9%/7%/6% of G.1	3,591.53
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	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)	2,603.86
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)	54,681.07
K.2 Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:


SHERMIEN D. BETONGGA
 Engineer II

Checked/Reviewed


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	1248	58.61	73,143.72
Sub-Total for A-1 As Submitted				73,143.72
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				-
B.2				
Sub-Total for B-2 As Evaluated				-
C.1				
Total (A.1+B.1) - As Submitted				73,143.72
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				73,143.72
E.2				
Direct Unit Cost (C.2 +D.2) - As Evaluated				-
F.1				
Materials	Unit	Quantity	Unit Cost	Amount (Php.)
a. Diesel Fuel	ltrs	4,680.00	50.00	234,000.00
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				404,000.00
Equipment				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				477,143.72
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)	23,857.19
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)	501,000.91
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:


SHERMIEN M. BETONGGA
 Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
 Engineer IV

Road Widening along 3-lane 2-way National Road Sumagdang-Menzi-Lanote
Isabela City, Basilan

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				-
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				-
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				
Materials				
a. Office Equipment/Facilities & Supplies	lumpsum	1	300,000.00	300,000.00
Sub-Total for F-1 As Submitted				300,000.00
Equipment				
F.2				
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			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)	15,000.00
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:


SHERMEEN M. BETONGGA
Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
Engineer IV

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

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. 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
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				
	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
B.2	Equipment				
	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				-
F.1	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
	Materials				
	a. Materials	lumpsum	1	511,129.88	511,129.88
	Sub-Total for F-1 As Submitted				511,129.88
F.2	Equipment				
	Sub-Total for F-2 As Evaluated				
G.1	Direct Unit Cost (E.1+F.1) - As Submitted				567,413.18
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	45,393.05
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	45,393.05
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)	32,909.96
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)	691,109.25
K.2	Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

Checked/Reviewed

SHERMIENEH M. BETONGGA

Engineer II

ISIDRA A. ESTANISLAO

Engineer IV



GION IX

Road Widening along By-pass National Road Sumagdang-Menzi-Lanote Isabela City, Basilan
Isabela City, Basilan

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	1,375,289.23		95,703.28	73,549.63	169,252.91	1,544,542.14
PART B	Other General Requirements	AS EVALUATED						
		AS SUBMITTED	886,475.65		45,746.37	46,611.10	92,357.47	978,833.12
PART C	Earthworks	AS EVALUATED						
		AS SUBMITTED	9,049,045.56		1,447,847.29	524,844.64	1,972,691.93	11,021,737.49
PART D	Subbase and Base Course	AS EVALUATED						
		AS SUBMITTED	31,277,909.01		5,004,465.44	1,814,118.72	6,818,584.16	38,096,493.18
PART E	Surface Courses	AS EVALUATED						
		AS SUBMITTED	61,560,730.15		9,849,716.82	3,570,522.35	13,420,239.17	74,980,969.32
PART G	Drainage and Slope Protection Structures	AS EVALUATED						
		AS SUBMITTED	2,975,858.69		476,137.39	172,599.80	648,737.19	3,624,595.89
PART H	Miscellaneous Structure	AS EVALUATED						
		AS SUBMITTED	1,948,675.56		311,788.09	113,023.18	424,811.27	2,373,486.83
TOTAL		AS EVALUATED						
		AS SUBMITTED	109,073,983.84		17,231,404.69	6,315,269.43	23,546,674.11	132,620,657.95

Preparation and Submission:

Prepared by:


SHERMIENEH M. DETONGGAEngineer II
DPWH RO9

Checked/Submited by:


ISIDRA A. ESTANISLAOEngineer IV
DPWH RO9**Evaluation:**

Reviewed by:


SATURNINO C. TORREFRANCADistrict Engineer
DPWH RO9**Approval:**

Recommending Approval


KHADAFFY D. TANGGOLAssistant Regional Director
DPWH RO9

Approved:


CAYAMOMBAO D. DIA, CESO IVRegional Director
DPWH RO9



Road Widening along By-pass National Road Sumagdang-Menzi-Lanote Isabela City, Basilan
Isabela City, Basilan

FORM POW-2015-02A-00

ITEM NO.	DESCRIPTION		QTY	UNIT	ESTIMATED DIRECT COST	TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						%	VALUE				
PART A	Facilities for the Engineers										
A.1.1 (3)	Const. of Field Office for the Enigneer	AS EVALUATED									
		AS SUBMITTED	1.00	ls	598,145.51	16.00%	95,703.28	34,692.44	130,395.72	728,541.23	728,541.23
A.1.1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	AS EVALUATED									
		AS SUBMITTED	1.00	ls	300,000.00	0.00%	-	15,000.00	15,000.00	315,000.00	315,000.00
A.1.2 (5)	Operation & Maintenance of Gov't. Service Vehicles	AS EVALUATED									
		AS SUBMITTED	1.00	ls	477,143.72	0.00%	-	23,857.19	23,857.19	501,000.91	501,000.91
	TOTAL OF PART A	AS EVALUATED									
		AS SUBMITTED			1,375,289.23		95,703.28	73,549.63	169,252.91	1,544,542.14	
PART B	Other General Requirements										
B.4(1)	Construction Survey and Staking	AS EVALUATED									
		AS SUBMITTED	4.19	km	44,894.15	16,00%	7,183.06	2,603.86	9,786.92	54,681.07	13,064.34
B.5	Project Billboard	AS EVALUATED									
		AS SUBMITTED	2.00	unit	5,931.96	16.00%	949.11	344.05	1,293.17	7,225.13	3,612.57
B.7	Occupational Safety & Health Program	AS EVALUATED									
		AS SUBMITTED	1.00	ls	247,917.66	8.00%	19,833.41	13,387.55	33,220.97	281,138.63	281,138.63
B.8(2)	Traffic Management	AS EVALUATED									
		AS SUBMITTED	1.00	ls	111,129.88	16,00%	17,780.78	6,445.53	24,226.31	135,356.19	135,356.19
B.9	Mobilization & Demobilization	AS EVALUATED									
		AS SUBMITTED	1.00	ls	476,602.00	0.00%	-	23,830.10	23,830.10	500,432.10	500,432.10
	TOTAL OF PART B	AS EVALUATED			-						
		AS SUBMITTED			886,475.65		45,746.37	46,611.10	92,357.47	978,833.12	
PART C	Earthworks										
100(1)	Clearing & Grubbing	AS EVALUATED									
		AS SUBMITTED	5.69	has.	222,690.55	16.00%	35,630.49	12,916.05	48,546.54	271,237.09	47,669.08
101(2)	Removal of Actual Structures/Obstructions	AS EVALUATED									
		AS SUBMITTED	-	each	-	16.00%	-	-	-	-	#DIV/0!
101(3b)2	Removal of Existing PCCP	AS EVALUATED									
		AS SUBMITTED	-	ln.m	-	16.00%	-	-	-	-	#DIV/0!
101(6)	Removal of Existing RCBC Wingwall	AS EVALUATED									
		AS SUBMITTED	-	cu.m	-	16.00%	-	-	-	-	#DIV/0!
101(8)	Removal of Existing Guardrails	AS EVALUATED									
		AS SUBMITTED	-	ln.m	-	16.00%	-	-	-	-	#DIV/0!
101(9)	Removal of Existing Guardrail Post	AS EVALUATED									
		AS SUBMITTED	-	each	-	16.00%	-	-	-	-	#DIV/0!
102(2)	Surplus Common Excavation	AS EVALUATED									
		AS SUBMITTED	37,887.00	cu.m	5,403,010.61	16.00%	864,481.70	313,374.62	1,177,856.31	6,580,866.92	173.70

103(1)a	Structure Excavation	AS EVALUATED									
		AS SUBMITTED	81.00	cu.m	18,691.00	16.00%	2,990.56	1,084.08	4,074.64	22,765.64	281.06
103(3)	Foundation Fill	AS EVALUATED									
		AS SUBMITTED	8.00	cu.m	17,559.84	16.00%	2,809.57	1,018.47	3,828.04	21,387.88	2,673.49
103(6)a	Pipe Culverts and Drain Excavation	AS EVALUATED									
		AS SUBMITTED	5.00	cu.m	1,153.77	16.00%	184.60	66.92	251.52	1,405.29	281.06
104(1a)	Embankment from Roadway Excavation	AS EVALUATED									
		AS SUBMITTED	12,357.00	cu.m	2,853,249.26	16.00%	456,519.88	165,488.46	622,008.34	3,475,257.60	281.24
105(1a)	Subgrade Preparation	AS EVALUATED									
		AS SUBMITTED	33,274.00	sq.m	532,690.54	16.00%	85,230.49	30,896.05	116,126.54	648,817.07	19.50
	TOTAL OF PART C	AS EVALUATED			-						
		AS SUBMITTED			9,049,045.56		1,447,847.29	524,844.64	1,972,691.93	11,021,737.49	
PART D	Subbase and Base Course										
200(1)	Aggregate Subbase Course	AS EVALUATED									
		AS SUBMITTED	16,099.00	cu.m	31,277,909.01	16.00%	5,004,465.44	1,814,118.72	6,818,584.16	38,096,493.18	2,366.39
	TOTAL OF PART D	AS EVALUATED			-						
		AS SUBMITTED			31,277,909.01		5,004,465.44	1,814,118.72	6,818,584.16	38,096,493.18	
PART E	Surface Courses										
300(1)	Aggregate Surface Course	AS EVALUATED									
		AS SUBMITTED	946.00	cu.m	1,729,144.15	16.00%	276,663.06	100,290.36	376,953.43	2,106,097.58	2,226.32
311(1a)	Portland Cement Concrete Pavement	AS EVALUATED									
		AS SUBMITTED	7,505.00	sq.m	7,954,413.59	16.00%	1,272,706.18	461,355.99	1,734,062.16	9,688,475.76	1,290.94
311(1e1)	Portland Cement Concrete Pavement	AS EVALUATED									
		AS SUBMITTED	26,907.00	sq.m	51,877,172.40	16.00%	8,300,347.58	3,008,876.00	11,309,223.58	63,186,395.98	2,348.33
	TOTAL OF PART E	AS EVALUATED			-						
		AS SUBMITTED			61,560,730.15		9,849,716.82	3,570,522.35	13,420,239.17	74,980,969.32	
PART G	Drainage and Slope Protection Structures										
404(1)b	Reinforcing Steel (Grade 60)	AS EVALUATED									
		AS SUBMITTED	12,897.00	kg	762,844.56	16.00%	122,055.13	44,244.98	166,300.11	929,144.68	72.04
405(1)a3	Structural Concrete, Class A	AS EVALUATED									
		AS SUBMITTED	153.00	cu.m	1,337,192.86	16.00%	213,950.86	77,557.19	291,508.04	1,628,700.90	10,645.10
407(8)	Lean Concrete for RCBC	AS EVALUATED									
		AS SUBMITTED	11.00	cu.m	91,223.65	16.00%	14,595.78	5,290.97	19,886.76	111,110.40	10,100.95
500(1)b3	Pipe Culvert & Storm Drain	AS EVALUATED									
		AS SUBMITTED	67.00	ln.m	321,193.00	16.00%	51,390.88	18,629.19	70,020.07	391,213.07	5,839.00
505(2)a	Grouted Riprap, Class "A"	AS EVALUATED									
		AS SUBMITTED	36.00	cu.m	128,036.80	16.00%	20,485.89	7,426.13	27,912.02	155,948.83	4,331.91
506(1)	Stone Masonry	AS EVALUATED									
		AS SUBMITTED	96.00	cu.m	335,367.82	16.00%	53,658.85	19,451.33	73,110.18	408,478.00	4,254.98
	TOTAL OF PART G	AS EVALUATED			-						
		AS SUBMITTED			2,975,858.69		476,137.39	172,599.80	648,737.19	3,624,595.89	
PART H	Miscellaneous Structure										
611(1)	Trees, Furnishing & Transplanting	AS EVALUATED	-		-						
		AS SUBMITTED	184.00	each	1,030,834.05	16.00%	164,933.45	59,788.37	224,721.82	1,255,555.87	6,823.67
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	AS EVALUATED									
		AS SUBMITTED	1,257.00	sq.m	917,841.51	16.00%	146,854.64	53,234.81	200,089.45	1,117,930.96	889.36

	TOTAL OF PART H	AS EVALUATED				-					
		AS SUBMITTED				48,675.56	311,788.09	113,023.18	424,811.27	2,373,486.83	
	GRAND TOTAL	AS EVALUATED				-					
		AS SUBMITTED				109,073,983.84	17,231,404.69	6,315,269.43	23,546,674.11	132,620,657.95	

Preparation and Submission:

Prepared by:

SHERMIENEH M. SETONGGA

Engineer II

DPWH RO9

Checked/Submitted by:

ISIDRA A. ESTANISLAO

Engineer IV

DPWH RO9

Evaluation:

Reviewed by:

SATURNINO C. TORREFRANCA

District Engineer

DPWH RO9