

311(1a)	Portland Cement Concrete Pavement	8,119.00			7,185,959.74		885.08		1,096.61		9.87%
311(1e1)	Portland Cement Concrete Pavement	18,166.50		sq.m	29,302,830.43		1,613.01		1,998.53		40.25%
	TOTAL OF PART E				36,488,790.17						50.12%
PART G	Drainage and Slope Protection Structures										
404(1)a	Reinforcing Steel (Grade 40)	486.50		kg	24,025.31		49.38		61.19		0.03%
404(1)b	Reinforcing Steel (Grade 60)	2,820.50		kg	145,210.60		51.48		63.79		0.20%
405(1)a3	Structural Concrete, Class A	41.50		cu.m	290,375.55		6,997.00		8,669.28		0.40%
500(1)b3	Reinforced Concrete Culverts Pipe, 910 mm dia	50.00		ln.m	163,175.65		3,263.51		4,043.49		0.22%
505(5)	Grouted Riprap, Class A	70.50		cu.m	241,869.39		3,430.77		4,250.73		0.33%
506(1)	Stone Masonry	31.50		cu.m	106,079.66		3,367.61		4,172.47		0.15%
	TOTAL OF PART G				970,736.17						1.33%
PART H	Miscellaneous Structure										
611(1)	Trees (Furnishing & Transplanting)	223.00		each	22,109.26		99.14		122.84		0.03%
612(1)	Reflectorized Thermoplastic Pavement Markings White	812.00		sq.m	594,137.29		731.70		906.57		0.82%
622(1)b	Coconet Bio-Engineering Solutions (Coconet)	17,224.00		sq.m	6,437,098.44		373.73		463.05		8.84%
622(1)a	Coconet Bio-Engineering Solutions (Coconet)	2,238.00		sq.m	380,523.62		170.03		210.67		0.52%
622(2)b	Coconet Bio-Engineering Solutions (Cocologs/Fascine)	3,279.62		ln.m	2,020,993.97		616.23		763.51		2.78%
622(3)a	Coconet Bio-Engineering Solutions (Vegetation)	19,462.00		sq.m	3,197,065.95		164.27		203.53		4.39%
	TOTAL OF PART H				12,651,928.53						17.38%
	GRAND TOTAL				72,800,668.52						100.00%

72,800,668.52



Road Widening Junction Iancia - Molave - Josefina Road
Zamboanga del Sur

FORM POW-2015-01B-00

MINIMUM EQUIPMENT REQUIREMENT

No.	Equipment Description	Capacity	Number of Equipment	No.	Equipment Description	Capacity	Number of Equipment
1	Dumptruck (10 Wheeler)	12 cu. Yd	10	26			
2	Bulldozer		2	27			
3	Backhoe	0.83 cu.m/1.04 cu. Yd	3	28			
4	Road Grader		2	29			
5	Road Roller	10 mt	2	30			
6	Payloader	1.50 cu.m/1.95 cu.yd	4	31			
7	Water Truck/Pump	16000L	2	32			
8	Water Tank		2	33			
9	Transit Mixer	5-6 cu. Yd	4	34			
10	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							



SECTION IX

**Road Widening Junction Alancia - Molave - Josefina 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 Enigneer	AS EVALUATED											
		AS SUBMITTED	0.67%	1.00	ls	400,000.00	56,283.30	30,732.33	487,015.63	18.00%	87,662.81	28,733.92	603,412.37
A.1.1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	AS EVALUATED											
		AS SUBMITTED	0.43%	1.00	ls	316,144.06	-	-	316,144.06	0.00%	-	15,807.20	331,951.26
A.1.2 (5)	Operation & Maintenance of Gov't. Service Vehicles	AS EVALUATED											
		AS SUBMITTED	0.49%	1.00	ls	296,000.00	59,077.62	-	355,077.62	0.00%	-	17,753.88	372,831.50
	TOTAL OF PART A	AS EVALUATED											
		AS SUBMITTED	1.59%			1,012,144.06	115,360.92	30,732.33	1,158,237.31		87,662.81	62,295.01	1,308,195.13
PART B	Other General Requirements												
B.4(1)	Construction Survey and Staking	AS EVALUATED											
		AS SUBMITTED	0.06%	2.71	km	15,750.00	26,444.15	2,700.00	44,894.15	18.00%	8,080.95	2,648.75	55,623.85
B.5	Project Billboard	AS EVALUATED											
		AS SUBMITTED	0.00%	2.00	unit	3,339.00	72.12	-	3,411.12	18.00%	614.00	201.26	4,226.38
B.7	Occupational Safety & Health Program	AS EVALUATED											
		AS SUBMITTED	0.28%	1.00	ls	10,458.00	190,258.11	-	200,716.11	8.00%	16,057.29	10,838.67	227,612.07
B.9	Mobilization & Demobilization	AS EVALUATED											
		AS SUBMITTED	0.98%	1.00	ls	-	-	714,903.00	714,903.00	0.00%	-	35,745.15	750,648.15
	TOTAL OF PART B	AS EVALUATED											
		AS SUBMITTED	1.32%			29,547.00	216,774.38	717,603.00	963,924.38		24,752.24	49,433.83	1,038,110.45
PART C	Earthworks												
101(1)	Removal of Actual Structures/Obstructions	AS EVALUATED											
		AS SUBMITTED	0.18%	1.00	ls	-	6,850.55	127,502.00	134,352.55	18.00%	24,183.46	7,926.80	166,462.81
101(4a1)	Removal of Existing RCPC	AS EVALUATED											
		AS SUBMITTED	0.01%	21.17	ln.m	-	391.57	5,310.36	5,701.93	18.00%	1,026.35	336.41	7,064.69
101(2)b	Removal of Existing Headwall	AS EVALUATED											
		AS SUBMITTED	0.00%	4.00	each	-	114.18	2,125.03	2,239.21	18.00%	403.06	132.11	2,774.38
101(3b)2	Removal of Actual Structures/Obstructions	AS EVALUATED											
		AS SUBMITTED	0.00%	33.50	sq.m	-	143.43	3,333.25	3,476.68	18.00%	625.80	205.12	4,307.61
100(3)a2	Individual Removal of Trees	AS EVALUATED											
		AS SUBMITTED	0.04%	10.00	each	10,000.00	1,540.15	17,057.00	28,597.15	18.00%	5,147.49	1,687.23	35,431.86
100(3)a3	Individual Removal of Trees	AS EVALUATED											
		AS SUBMITTED	0.00%	2.00	each	800.00	154.01	1,859.71	2,813.73	18.00%	506.47	166.01	3,486.21
101(8)	Removal of Existing Guardrails	AS EVALUATED											
		AS SUBMITTED	0.01%	637.67	ln.m	-	1,092.10	8,255.13	9,347.22	18.00%	1,682.50	551.49	11,581.21
101(9)	Removal of Existing Guardrail Post	AS EVALUATED											
		AS SUBMITTED	0.01%	165.00	each	-	282.59	4,243.84	4,526.43	18.00%	814.76	267.06	5,608.25

102(1)	Unsuitable Excavation	AS EVALUATED												
		AS SUBMITTED	0.22%	676.50	cu.m	-	7,320.41	154,645.94	161,966.34	18.00%	29,153.94	9,556.01	200,676.30	
102(2)	Surplus Common Excavation	AS EVALUATED												
		AS SUBMITTED	3.17%	16,178.00	cu.m	-	46,178.42	2,260,942.91	2,307,121.32	18.00%	415,281.84	136,120.16	2,858,523.32	
103(1)a	Structure Excavation	AS EVALUATED												
		AS SUBMITTED	0.01%	46.50	cu.m	-	503.18	6,925.34	7,428.52	18.00%	1,337.13	438.28	9,203.94	
103(3)	Foundation Fill	AS EVALUATED												
		AS SUBMITTED	0.02%	7.00	cu.m	9,727.62	1,464.83	972.48	12,164.93	18.00%	2,189.69	717.73	15,072.35	
103(6)a	Pipe Culverts and Drain Excavation	AS EVALUATED												
		AS SUBMITTED	0.01%	39.00	cu.m	-	422.02	8,577.35	8,999.37	18.00%	1,619.89	530.96	11,150.22	
104(1a)	Embankment from Roadway Excavation	AS EVALUATED												
		AS SUBMITTED	0.71%	2,225.70	cu.m	-	13,951.25	499,966.11	513,917.36	18.00%	92,505.13	30,321.12	636,743.61	
104(5)	Boulder Fill	AS EVALUATED												
		AS SUBMITTED	1.58%	676.50	cu.m	1,110,522.11	1,587.02	40,563.29	1,152,672.41	18.00%	207,481.03	68,007.67	1,428,161.12	
105(1a)	Subgrade Preparation	AS EVALUATED												
		AS SUBMITTED	0.58%	26,517.00	sq.m	-	15,138.00	409,378.29	424,516.29	18.00%	76,412.93	25,046.46	525,975.68	
	TOTAL OF PART C	AS EVALUATED												
		AS SUBMITTED	6.57%			1,131,049.73	97,133.69	3,551,658.04	4,779,841.45		860,371.46	282,010.65	5,922,223.56	
PART D	Subbase and Base Course													
200(1)	Aggregate Subbase Course	AS EVALUATED												
		AS SUBMITTED	21.69%	10,626.00	cu.m	14,766,527.16	36,396.97	984,286.38	15,787,210.51	18.00%	2,841,697.89	931,445.42	19,560,353.82	
	TOTAL OF PART D	AS EVALUATED												
		AS SUBMITTED	21.69%			14,766,527.16	36,396.97	984,286.38	15,787,210.51		2,841,697.89	931,445.42	19,560,353.82	
PART E	Surface Courses													
311(1a)	Portland Cement Concrete Pavement	AS EVALUATED												
		AS SUBMITTED	9.87%	8,119.00	sq.m	6,210,383.99	64,847.70	910,728.05	7,185,959.74	18.00%	1,293,472.75	423,971.62	8,903,404.12	
311(1e1)	Portland Cement Concrete Pavement	AS EVALUATED												
		AS SUBMITTED	40.25%	18,166.50	sq.m	25,228,248.98	270,842.37	3,803,739.07	29,302,830.43	18.00%	5,274,509.48	1,728,867.00	36,306,206.90	
	TOTAL OF PART E	AS EVALUATED												
		AS SUBMITTED	50.12%			31,436,632.97	335,690.08	4,714,467.12	36,488,790.17		6,567,982.23	2,152,838.62	45,209,611.02	
PART G	Drainage and Slope Protection Structures													
404(1)a	Reinforcing Steel (Grade 40)	AS EVALUATED												
		AS SUBMITTED	0.03%	486.50	kg	21,250.32	1,511.98	1,263.01	24,025.31	18.00%	4,324.56	1,417.49	29,767.36	
404(1)b	Reinforcing Steel (Grade 60)	AS EVALUATED												
		AS SUBMITTED	0.20%	2,820.50	kg	129,122.49	8,765.78	7,322.33	145,210.60	18.00%	26,137.91	8,567.43	179,915.94	
405(1)a3	Structural Concrete, Class A	AS EVALUATED												
		AS SUBMITTED	0.40%	41.50	cu.m	235,708.57	37,715.24	16,951.74	290,375.55	18.00%	52,267.60	17,132.16	359,775.31	
500(1)b3	Reinforced Concrete Culverts Pipe, 910 mm dia	AS EVALUATED												
		AS SUBMITTED	0.22%	50.00	ln.m	118,271.99	18,939.69	25,963.97	163,175.65	18.00%	29,371.62	9,627.36	202,174.63	
505(5)	Grouted Riprap, Class A	AS EVALUATED												
		AS SUBMITTED	0.33%	70.50	cu.m	190,553.25	31,551.22	19,764.92	241,869.39	18.00%	43,536.49	14,270.29	299,676.17	
506(1)	Stone Masonry	AS EVALUATED												
		AS SUBMITTED	0.15%	31.50	cu.m	85,140.81	11,013.56	9,925.29	106,079.66	18.00%	19,094.34	6,258.70	131,432.70	
	TOTAL OF PART G	AS EVALUATED												
		AS SUBMITTED	1.13%			780,047.44	109,497.46	81,191.27	970,736.17		174,732.51	57,273.43	1,202,742.11	
PART H	Miscellaneous Structure													

611(1)	Trees (Furnishing & Transplanting)	AS EVALUATED											
		AS SUBMITTED	0.03%	223.00	each	13,655.54	459.75	7,993.97	22,109.26	18.00%	3,979.67	1,304.45	27,393.38
612(1)	Reflectorized Thermoplastic Pavement Markings White	AS EVALUATED											
		AS SUBMITTED	0.82%	812.00	sq.m	528,876.31	15,236.57	50,024.42	594,137.29	18.00%	106,944.71	35,054.10	736,136.11
622(1)b	Coconet Bio-Engineering Solutions (Coconet)	AS EVALUATED											
		AS SUBMITTED	8.84%	17,224.00	sq.m	6,058,542.00	152,329.49	226,226.95	6,437,098.44	18.00%	1,158,677.72	379,788.81	7,975,564.96
622(1)a	Coconet Bio-Engineering Solutions (Coconet)	AS EVALUATED											
		AS SUBMITTED	0.52%	2,238.00	sq.m	331,335.90	19,792.93	29,394.79	380,523.62	18.00%	68,494.25	22,450.89	471,468.77
622(2)b	Coconet Bio-Engineering Solutions (Cocologs/Fascine)	AS EVALUATED											
		AS SUBMITTED	2.78%	3,279.62	ln.m	1,914,642.16	96,683.47	9,668.35	2,020,993.97	18.00%	363,778.92	119,238.64	2,504,011.53
622(3)a	Coconet Bio-Engineering Solutions (Vegetation)	AS EVALUATED											
		AS SUBMITTED	4.39%	19,462.00	sq.m	2,084,380.20	53,330.16	1,059,355.58	3,197,065.95	18.00%	575,471.87	188,626.89	3,961,164.71
	TOTAL OF PART H	AS EVALUATED											
		AS SUBMITTED	17.38%			10,931,432.11	337,832.36	1,382,664.06	12,651,928.53		2,277,347.14	746,463.78	15,675,739.45
	GRAND TOTAL	AS EVALUATED											
		AS SUBMITTED	99.80%			60,089,380.46	1,248,685.87	11,462,602.20	72,800,668.52		12,834,546.28	4,281,760.74	89,916,975.55



REGION IX

Road Widening Junction Blanca - Molave - Josefina Road
Zamboanga del Sur

SUMMARY OF APPROVED BUDGET FOR THE CONTRACT


FORM POW-2015-02-00

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	1,158,237.31		87,662.81	62,295.01	149,957.82	1,308,195.13
PART B	Other General Requirements	AS EVALUATED						
		AS SUBMITTED	963,924.38		24,752.24	49,433.83	74,186.07	1,038,110.45
PART C	Earthworks	AS EVALUATED						
		AS SUBMITTED	4,779,841.45		860,371.46	282,010.65	1,142,382.11	5,922,223.56
PART D	Subbase and Base Course	AS EVALUATED						
		AS SUBMITTED	15,787,210.51		2,841,697.89	931,445.42	3,773,143.31	19,560,353.82
PART E	Surface Courses	AS EVALUATED						
		AS SUBMITTED	36,488,790.17		6,567,982.23	2,152,838.62	8,720,820.85	45,209,611.02
PART G	Drainage and Slope Protection Structures	AS EVALUATED						
		AS SUBMITTED	970,736.17		174,732.51	57,273.43	232,005.94	1,202,742.11
PART H	Miscellaneous Structure	AS EVALUATED						
		AS SUBMITTED	12,651,928.53		2,277,347.14	746,463.78	3,023,810.92	15,675,739.45
TOTAL		AS EVALUATED						
		AS SUBMITTED	72,800,668.52		12,834,546.28	4,281,760.74	17,116,307.02	89,916,975.55

Preparation and Submission:

Prepared by:



JERALD R. BARRERA
Engineer II
DPWH RO9

Checked/Submitted by:


ISIDRA A. ESTANISLAO
Engineer IV
DPWH RO9

Evaluation:

Reviewed by:



SATURNINO C. TORREFRANCA
District Engineer
DPWH RO9

Approval:

Recommending Approval


KHADAFF D. TANGGOL
OIC-Assistant Regional Director
DPWH RO9

Approved:


CAYAMOMBAO D. DIA
Regional Director
DPWH RO9



SECTION IX

Road Widening Junction Blanca - Molave - Josefina Road
Zamboanga del Sur

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 Engineer	AS EVALUATED								
		AS SUBMITTED	1.00	ls	487,015.63	18.00%	87,662.81	28,733.92	116,396.74	603,412.37
A.1.1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	AS EVALUATED								
		AS SUBMITTED	1.00	ls	316,144.06	0.00%	-	15,807.20	15,807.20	331,951.26
A.1.2 (5)	Operation & Maintenance of Gov't. Service Vehicles	AS EVALUATED								
		AS SUBMITTED	1.00	ls	355,077.62	0.00%	-	17,753.88	17,753.88	372,831.50
	TOTAL OF PART A	AS EVALUATED								
		AS SUBMITTED			1,158,237.31		87,662.81	62,295.01	149,957.82	1,308,195.13
PART B	Other General Requirements									
B.4(1)	Construction Survey and Staking	AS EVALUATED								
		AS SUBMITTED	2.71	km	44,894.15	18.00%	8,080.95	2,648.75	10,729.70	55,623.85
B.5	Project Billboard	AS EVALUATED								
		AS SUBMITTED	2.00	unit	3,411.12	18.00%	614.00	201.26	815.26	4,226.38
B.7	Occupational Safety & Health Program	AS EVALUATED								
		AS SUBMITTED	1.00	ls	200,716.11	8.00%	16,057.29	10,838.67	26,895.96	227,612.07
B.9	Mobilization & Demobilization	AS EVALUATED								
		AS SUBMITTED	1.00	ls	714,903.00	0.00%	-	35,745.15	35,745.15	750,648.15
	TOTAL OF PART B	AS EVALUATED			-					
		AS SUBMITTED			963,924.38		24,752.24	49,433.83	74,186.07	1,038,110.45
PART C	Earthworks									
101(1)	Removal of Actual Structures/Obstructions	AS EVALUATED								
		AS SUBMITTED	1.00	ls	134,352.55	18.00%	24,183.46	7,926.80	32,110.26	166,462.81
101(4a1)	Removal of Existing RCPC	AS EVALUATED								
		AS SUBMITTED	21.17	ln.m	5,701.93	18.00%	1,026.35	336.41	1,362.76	7,064.69
101(2)b	Removal of Existing Headwall	AS EVALUATED								
		AS SUBMITTED	4.00	each	2,239.21	18.00%	403.06	132.11	535.17	2,774.38
101(3b)2	Removal of Actual Structures/Obstructions	AS EVALUATED								
		AS SUBMITTED	33.50	sq.m	3,476.68	18.00%	625.80	205.12	830.93	4,307.61
100(3)a2	Individual Removal of Trees	AS EVALUATED								
		AS SUBMITTED	10.00	each	28,597.15	18.00%	5,147.49	1,687.23	6,834.72	35,431.86
100(3)a3	Individual Removal of Trees	AS EVALUATED								
		AS SUBMITTED	2.00	each	2,813.73	18.00%	506.47	166.01	672.48	3,486.21
101(8)	Removal of Existing Guardrails	AS EVALUATED								
		AS SUBMITTED	637.67	ln.m	9,347.22	18.00%	1,682.50	551.49	2,233.99	11,581.21
101(9)	Removal of Existing Guardrail Post	AS EVALUATED								
		AS SUBMITTED	165.00	each	4,526.43	18.00%	814.76	267.06	1,081.82	5,608.25

102(1)	Unsuitable Excavation	AS EVALUATED									
		AS SUBMITTED	676.50	cu.m	161,966.34	18.00%	29,153.94	9,556.01	38,709.96	200,676.30	296.64
102(2)	Surplus Common Excavation	AS EVALUATED									
		AS SUBMITTED	16,178.00	cu.m	2,307,121.32	18.00%	415,281.84	136,120.16	551,402.00	2,858,523.32	176.69
103(1)a	Structure Excavation	AS EVALUATED									
		AS SUBMITTED	46.50	cu.m	7,428.52	18.00%	1,337.13	438.28	1,775.42	9,203.94	197.93
103(3)	Foundation Fill	AS EVALUATED									
		AS SUBMITTED	7.00	cu.m	12,164.93	18.00%	2,189.69	717.73	2,907.42	15,072.35	2,153.19
103(6)a	Pipe Culverts and Drain Excavation	AS EVALUATED									
		AS SUBMITTED	39.00	cu.m	8,999.37	18.00%	1,619.89	530.96	2,150.85	11,150.22	285.90
104(1a)	Embankment from Roadway Excavation	AS EVALUATED									
		AS SUBMITTED	2,225.70	cu.m	513,917.36	18.00%	92,505.13	30,321.12	122,826.25	636,743.61	286.09
104(5)	Boulder Fill	AS EVALUATED									
		AS SUBMITTED	676.50	cu.m	1,152,672.41	18.00%	207,481.03	68,007.67	275,488.71	1,428,161.12	2,111.10
105(1a)	Subgrade Preparation	AS EVALUATED									
		AS SUBMITTED	26,517.00	sq.m	424,516.29	18.00%	76,412.93	25,046.46	101,459.39	525,975.68	19.84
	TOTAL OF PART C	AS EVALUATED			-						
		AS SUBMITTED			4,779,841.45		860,371.46	282,010.65	1,142,382.11	5,922,223.56	
PART D	Subbase and Base Course										
200(1)	Aggregate Subbase Course	AS EVALUATED									
		AS SUBMITTED	10,626.00	cu.m	15,787,210.51	18.00%	2,841,697.89	931,445.42	3,773,143.31	19,560,353.82	1,840.80
	TOTAL OF PART D	AS EVALUATED			-						
		AS SUBMITTED			15,787,210.51		2,841,697.89	931,445.42	3,773,143.31	19,560,353.82	
PART E	Surface Courses										
311(1a)	Portland Cement Concrete Pavement	AS EVALUATED									
		AS SUBMITTED	8,119.00	sq.m	7,185,959.74	18.00%	1,293,472.75	423,971.62	1,717,444.38	8,903,404.12	1,096.61
311(1e1)	Portland Cement Concrete Pavement	AS EVALUATED									
		AS SUBMITTED	18,166.50	sq.m	29,302,830.43	18.00%	5,274,509.48	1,728,867.00	7,003,376.47	36,306,206.90	1,998.53
	TOTAL OF PART E	AS EVALUATED			-						
		AS SUBMITTED			36,488,790.17		6,567,982.23	2,152,838.62	8,720,820.85	45,209,611.02	
PART G	Drainage and Slope Protection Structures										
404(1)a	Reinforcing Steel (Grade 40)	AS EVALUATED									
		AS SUBMITTED	486.50	kg	24,025.31	18.00%	4,324.56	1,417.49	5,742.05	29,767.36	61.19
404(1)b	Reinforcing Steel (Grade 60)	AS EVALUATED									
		AS SUBMITTED	2,820.50	kg	145,210.60	18.00%	26,137.91	8,567.43	34,705.33	179,915.94	63.79
405(1)a3	Structural Concrete, Class A	AS EVALUATED									
		AS SUBMITTED	41.50	cu.m	290,375.55	18.00%	52,267.60	17,132.16	69,399.76	359,775.31	8,669.28
500(1)b3	Reinforced Concrete Culverts Pipe, 910 mm dia	AS EVALUATED									
		AS SUBMITTED	50.00	ln.m	163,175.65	18.00%	29,371.62	9,627.36	38,998.98	202,174.63	4,043.49
505(5)	Grouted Riprap, Class A	AS EVALUATED									
		AS SUBMITTED	70.50	cu.m	241,869.39	18.00%	43,536.49	14,270.29	57,806.78	299,676.17	4,250.73
506(1)	Stone Masonry	AS EVALUATED									
		AS SUBMITTED	31.50	cu.m	106,079.66	18.00%	19,094.34	6,258.70	25,353.04	131,432.70	4,172.47
	TOTAL OF PART G	AS EVALUATED			-						
		AS SUBMITTED			970,736.17		174,732.51	57,273.43	232,005.94	1,202,742.11	
PART H	Miscellaneous Structure										

611(1)	Trees (Furnishing & Transplanting)	AS EVALUATED	-		-						
		AS SUBMITTED	223.00	each	22,109.26	18.00%	3,979.67	1,304.45	5,284.11	27,393.38	122.84
612(1)	Reflectorized Thermoplastic Pavement Markings White	AS EVALUATED									
		AS SUBMITTED	812.00	sq.m	594,137.29	18.00%	106,944.71	35,054.10	141,998.81	736,136.11	906.57
622(1)b	Coconet Bio-Engineering Solutions (Coconet)	AS EVALUATED									
		AS SUBMITTED	17,224.00	sq.m	6,437,098.44	18.00%	1,158,677.72	379,788.81	1,538,466.53	7,975,564.96	463.05
622(1)a	Coconet Bio-Engineering Solutions (Coconet)	AS EVALUATED	-	-	-						
		AS SUBMITTED	2,238.00	sq.m	380,523.62	18.00%	68,494.25	22,450.89	90,945.15	471,468.77	210.67
622(2)b	Coconet Bio-Engineering Solutions (Cocologs/Fascine)	AS EVALUATED	-	-	-						
		AS SUBMITTED	3,279.62	ln.m	2,020,993.97	18.00%	363,778.92	119,238.64	483,017.56	2,504,011.53	763.51
622(3)a	Coconet Bio-Engineering Solutions (Vegetation)	AS EVALUATED	-	-	-						
		AS SUBMITTED	19,462.00	sq.m	3,197,065.95	18.00%	575,471.87	188,626.89	764,098.76	3,961,164.71	203.53
	TOTAL OF PART H	AS EVALUATED			-						
		AS SUBMITTED			12,651,928.53		2,277,347.14	746,463.78	3,023,810.92	15,675,739.45	
	GRAND TOTAL	AS EVALUATED			-						
		AS SUBMITTED			72,800,668.52		12,834,546.28	4,281,760.74	17,116,307.02	89,916,975.55	

89,916,975.55

Preparation and Submission:

Prepared by:

Checked/Submitted by:

Evaluation:

Reviewed by:


GERALD R. BARRERA

Engineer II
DPWH RO9


ISIDRA A. ESTANISLAO

Engineer IV
DPWH RO9


SATURNINO C. TORREFRANCA

District Engineer
DPWH RO9

Unit of Measurement	Output per hour-As Submitted	Output per hour-As Evaluated
1	1	1
2	1	1
3	1	1
4	1	1
5	1	1
6	1	1
7	1	1
8	1	1
9	1	1
10	1	1
11	1	1
12	1	1
13	1	1
14	1	1
15	1	1
16	1	1
17	1	1
18	1	1
19	1	1
20	1	1
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25	1	1
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27	1	1
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31	1	1
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92	1	1
93	1	1
94	1	1
95	1	1
96	1	1
97	1	1
98	1	1
99	1	1
100	1	1

22.86

cu.m

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					
					-
					-
					-
Sub-Total for A-2 As Evaluated					-
Name and Capacity		No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment					
B.1 a. Backhoe		1	1.00	1,537.00	1,537.00
b. Boom Truck		1	0.50	1,537.00	768.50
Minor Tools (10% of Labor Cost)					17.13
Sub-Total for B-1 As Submitted					2,322.63
Equipment					
Sub-Total for B-2 As Evaluated					
C.1 Total (A.1+B.1) - As Submitted					2,493.89
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					249.39
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated					-
Name and Specification		Unit	Quantity	Unit Cost	Amount (Php.)
Materials					
					-
					-
					-
Sub-Total for F-1 As Submitted					-
Materials					
Sub-Total for F-2 As Evaluated					-
G.1 Direct Unit Cost (E.1+F.1) - As Submitted					249.39
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	24.94
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	19.95
I.2 Contractor's Profit - As Evaluated				10%/8% of G.1	-
J.1 Value Added Tax - As Submitted				5% of (G.1+H1+I1)	14.71
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)	308.99
K.2 Total Unit Cost - As Evaluated				(G.2+H2+I2+J1)	-

Checked/Reviewed

ISIDRA A. ESTANISLAO
Engineer IV

For **Identifying Junction Blanca - Molave - Josefina Roz**
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Removal of Existing Headwall

Unit of Measurement : 4.00 each

Output per hour-As Submitted : 6.00

Output per hour-As Evaluated : -

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
A.1				
a. Construction Foreman	1	1.00	80.95	80.95
b. Laborer	2	1.00	45.16	-
Sub-Total for A-1 As Submitted				80.95
Labor				
A.2				
Sub-Total for A-2 As Evaluated				-
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
B.1				
a. Backhoe w/ 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				3,268.50
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				6.00
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 +D.1) - As Submitted				544.75
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				544.75
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	54.48
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	43.58
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)	32.14
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)	674.95
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

For: Denying Junction Blanca - Molave - Josefina Roz
 Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Removal of Actual Structures/Obstructions
 Unit of Measurement : 33.50 sq.m
 Output per hour-As Submitted : 40.00
 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				
B.1				
a. Backhoe	1	1.00	1,537.00	1,537.00
b. Payloader	1	1.00	1,733.00	1,733.00
c. Dumptruck	1	0.50	1,420.00	710.00
Sub-Total for B-1 As Submitted				3,980.00
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				4,151.26
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				40.00
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				103.78
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
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				103.78
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	10.38
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	8.30
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)	6.12
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)	128.59
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

Jerald R. Barrera
JERALD R. BARRERA

Engineer II

Checked/Reviewed

Isidra A. Estanislao
ISIDRA A. ESTANISLAO

Engineer IV

Roj Denning Junction Blanca - Molave - Josefina Roj
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Individual Removal of Trees
Unit of Measurement : 2.00 each
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	0.67	80.95	54.24
b. Skilled Laborer	1	0.67	58.61	39.27
c. Laborer	2	0.67	45.16	60.51
Sub-Total for A-1 As Submitted				154.01
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	0.50	1,537.00	768.50
b. Chainsaw	1	0.33	1,420.00	468.60
c. Dumptruck	1	0.33	1,420.00	468.60
Sub-Total for B-1 As Submitted				1,705.70
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				1,859.71
C.2				
Total (A.2+B.2) - As Evaluated				
D.1				
Output per Hour - As Submitted				1.00
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 +D.1) - As Submitted				1,859.71
E.2				
Direct Unit Cost (C.2 +D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Rope	m	20.00	50.00	800.00
Sub-Total for F-1 As Submitted				800.00
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				2,659.71
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	265.97
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	212.78
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	156.92
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)	3,295.39
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

Ro Identifying Junction Blanca - Molave - Josefina Ro
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Individual Removal of Trees
Unit of Measurement : 10.00 each
Output per hour-As Submitted : 1.00
Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
A.1				
a. Construction Foreman	1	0.67	80.95	54.24
b. Skilled Laborer	1	0.67	58.61	39.27
c. Laborer	2	0.67	45.16	60.51
Sub-Total for A-1 As Submitted				154.01
Labor				
A.2				
Sub-Total for A-2 As Evaluated				-
B.1				
Equipment				
a. Backhoe	1	0.50	1,537.00	768.50
b. Chainsaw	1	0.33	1,420.00	468.60
c. Dumptruck	1	0.33	1,420.00	468.60
Sub-Total for B-1 As Submitted				1,705.70
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				-
C.1				
Total (A.1+B.1) - As Submitted				1,859.71
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.00
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 +D.1) - As Submitted				1,859.71
E.2				
Direct Unit Cost (C.2 +D.2) - As Evaluated				-
F.1				
Materials				
a. Rope	m	20.00	50.00	4,000.00
Sub-Total for F-1 As Submitted				4,000.00
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				5,859.71
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				585.97
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				468.78
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				345.72
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				7,260.19
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:


JERALD R. BARRERA
Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
Engineer IV

Unit of Measurement	:	637.67	in.m
Output per hour-As Submitted	:	100.00	
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	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
	Equipment				
B.1	a. Backhoe	1	0.50	1,537.00	768.50
	b. Boom Truck	1	0.50	1,017.90	508.95
	Minor Tools (10% of Labor Cost)				17.13
	Sub-Total for B-1 As Submitted				1,294.58
	Equipment				
B.2					
	Sub-Total for B-2 As Evaluated				
C.1	Total (A.1+B.1) - As Submitted				1,465.84
C.2	Total (A.2+B.2) - As Evaluated				-
D.1	Output per Hour - As Submitted				100.00
D.2	Output per Hour - As Evaluated				-
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				14.66
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				14.66
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	1.47
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	1.17
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)	0.86
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)	18.16
K.2	Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

ISIDRA A. ESTANISLAO
Engineer IV

Engineer IV

: Removal of Existing Guardrail Post

Unit of Measurement	:	165.00 each
Output per hour-As Submitted	:	100.00
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	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
	Equipment				
B.1	a. Backhoe	1	1.00	1,537.00	1,537.00
	b. Boom Truck	1	1.00	1,017.90	1,017.90
	Minor Tools (10% of Labor Cost)				17.13
	Sub-Total for B-1 As Submitted				2,572.03
	Equipment				
B.2					
	Sub-Total for B-2 As Evaluated				
C.1	Total (A.1+B.1) - As Submitted				2,743.29
C.2	Total (A.2+B.2) - As Evaluated				-
D.1	Output per Hour - As Submitted				100.00
D.2	Output per Hour - As Evaluated				-
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				27.43
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				27.43
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	2.74
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1	Contractor's Profit - As Submitted			10%/8% of G.1	2.19
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)	1.62
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)	33.99
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

Recommending Junction Blanca - Molave - Josefina Ror
 Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Unsuitable Excavation
 Unit of Measurement : 676.50 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
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. Backhoe	1	1.00	1,537.00	1,537.00
b. Dumptruck	2	1.00	1,420.00	2,840.00
c. Payloader	1	0.10	1,733.00	173.30
Minor Tools (10% of Labor Cost)				21.64
Sub-Total for B-1 As Submitted				4,571.94
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				4,788.36
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				20.00
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 +D.1) - As Submitted				239.42
E.2				
Direct Unit Cost (C.2 +D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
				-
				-
Sub-Total for F-1 As Submitted				-
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				239.42
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	23.94
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	19.15
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	14.13
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)	296.64
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

Checked/Reviewed


JERALD R. BARNERA
 Engineer IV


ISIDRA A. ESTANISLAO
 Engineer IV

For Identifying Junction Blanca - Molave - Josefina Ror
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Surplus Common Excavation
Unit of Measurement : 16,178.00 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
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. 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	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				142.61
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	14.26
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	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)	8.41
J.2				
Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1				
Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	176.69
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

Reidentifying Junction Blanca - Molave - Josefina Rodriguez
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Structure Excavation

Unit of Measurement : 46.50 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
b. Laborer	3	1.00	45.16	135.47
A.1				
Sub-Total for A-1 As Submitted				216.42
Labor				
A.2				
Sub-Total for A-2 As Evaluated				-
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. Dumptruck	1	1.00	1,420.00	1,420.00
b. Backhoe	1	1.00	1,537.00	1,537.00
c. Minor Tools (10% of Labor)				21.64
Sub-Total for B-1 As Submitted				2,978.64
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				3,195.06
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				20.00
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				159.75
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
F.1				
				-
				-
				-
Sub-Total for F-1 As Submitted				-
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				159.75
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	15.98
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	12.78
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	9.43
J.2				
Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1				
Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	197.93
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

JERALD R. BARRERA

Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO

Engineer IV

Unit of Measurement	:	7.00	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
A.1	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.)
	Equipment				
B.1	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.)
	Materials				
F.1	a. Filling Materials	cu.m	1.15	1,208.40	1,389.66
					-
	Sub-Total for F-1 As Submitted				1,389.66
	Materials				
F.2					
	Sub-Total for F-2 As Evaluated				-
G.1	Direct Unit Cost (E.1+F.1) - As Submitted				1,737.85
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		173.78
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		139.03
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)		102.53
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)		2,153.19
K.2	Total Unit Cost - As Evaluated		(G.2+H2+I2+J1)		-

ISIDRA A. ESTANISLAO
Engineer IV

Engineer IV

Ro () Identifying Junction Blanca - Molave - Josefina Ro ()
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Pipe Culverts and Drain Excavation

Unit of Measurement : 39.00 cu.m

Output per hour-As Submitted : 20.00

Output per hour-As Evaluated : -

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Construction Foreman	1	1.00	80.95	80.95
b. Laborer	3	1.00	45.16	135.47
A.1				
Sub-Total for A-1 As Submitted				216.42
Labor				
A.2				
Sub-Total for A-2 As Evaluated				-
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. Dumptruck	2	1.00	1,420.00	2,840.00
b. Backhoe	1	1.00	1,537.00	1,537.00
c. Minor Tools (10% of Labor)				21.64
Sub-Total for B-1 As Submitted				4,398.64
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				4,615.06
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				20.00
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 +D.1) - As Submitted				230.75
E.2				
Direct Unit Cost (C.2 +D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
				-
				-
				-
Sub-Total for F-1 As Submitted				-
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				230.75
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	23.08
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	18.46
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	13.61
J.2				
Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1				
Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	285.90
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

Checked/Reviewed


JERALD R. BARRERA
Engineer II


ISIDRA A. ESTANISLAO
Engineer IV

Re-identifying Junction Blanca - Molave - Josefina Ro
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Embankment from Roadway Excavation

Unit of Measurement : 2,225.70 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				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	23.09
H.2			12%/9%/7%/6% of G.1	-
I.1			10%/8% of G.1	18.47
Contractor's Profit - As Submitted			10%/8% of G.1	-
I.2			10%/8% of G.1	-
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	13.62
J.1			5% of (G.2+H2+I2)	-
Value Added Tax - As Evaluated			(G.1+H1+I1+J1)	286.09
K.1			(G.2+H2+I2+J1)	-
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed


JERALD R. BARRERA
Engineer II


ISIDRA A. ESTANISLAO
Engineer IV

Re-identifying Junction Blanca - Molave - Josefina Ro
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Boulder Fill

Unit of Measurement : 676.50 cu.m

Output per hour-As Submitted : 150.00

Output per hour-As Evaluated : -

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Pip.)
Labor				
a. Construction Foreman	1	1.00	80.95	80.95
b. Laborer	6	1.00	45.16	45.16
Sub-Total for A-1 As Submitted				126.11
Labor				
A.2				
Sub-Total for A-2 As Evaluated				-
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Pip.)
Equipment				
a. Payloader	3	1.00	1,733.00	5,199.00
b. Dumptruck	3	0.80	1,420.00	3,408.00
Minor Tools (10% of Labor Cost)				12.61
Sub-Total for B-1 As Submitted				8,619.61
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				8,745.72
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				150.00
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 +D.1) - As Submitted				58.30
E.2				
Direct Unit Cost (C.2 +D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Pip.)
Materials				
a. Boulder	cu.m	1.05	1,563.40	1,641.57
				-
Sub-Total for F-1 As Submitted				1,641.57
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				1,699.87
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		169.99
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		135.99
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)		100.29
J.2				
Value Added Tax - As Evaluated		5% of (G.2+H2+I2)		-
K.1				
Total Unit Cost - As Submitted		(G.1+H1+I1+J1)		2,106.14
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

Ro **Identifying Junction Blanca - Molave - Josefina Ro**
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Subgrade Preparation
Unit of Measurement : 26,517.00 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
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				-
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
B.1 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				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				-
F.2				
Materials				-
Sub-Total for F-2 As Evaluated				-
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				16.01
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	1.60
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1 Contractor's Profit - As Submitted			10%/8% of G.1	1.28
I.2 Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1 Value Added Tax - As Submitted			5% of (G.1+H1+I1)	0.94
J.2 Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1 Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	19.84
K.2 Total Unit Cost - As Evaluated			(G.2+H2+I2+J2)	-

Prepared by:

Checked/Reviewed


JERALD R. BARRERA
Engineer II


ISIDRA A. ESTANISLAO
Engineer IV

Re-identifying Junction Blanca - Molave - Josefina Ro
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS


FORM-POW-2015-01D-00

Item No./Description : Aggregate Subbase Course
Unit of Measurement : 10,626.00 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
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				-
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
B.1 c. Water Truck/Pump	1	0.25	2,450.00	612.50
Sub-Total for B-1 As Submitted				4,631.50
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				4,802.76
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				50.00
D.2 Output per Hour - As Evaluated				-
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				96.06
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1 Materials				
a. Aggregate Subbase Course	cu.m	1.15	1,208.40	1,389.66
Sub-Total for F-1 As Submitted				1,389.66
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				1,485.72
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	148.57
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	118.86
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)	87.66
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)	1,840.80
K.2 Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

Checked/Reviewed


JERALD R. BARRERA
Engineer IV


ISIDRA A. ESTANISLAO
Engineer IV

Ro identifying Junction Blanca - Molave - Josefina Ro
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Portland Cement Concrete Pavement

Unit of Measurement : 8,119.00 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.)
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				-
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/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				-
F.1	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
	Materials				
	a. Reinforcing Steel Bar	kg	0.33	40.00	13.20
	b. Curing Compound	ltr	0.29	40.00	11.60
	c. Asphalt Sealant	ltr	0.12	75.00	9.00
	d. Steel Forms	m	0.46	40.00	18.40
	e. Sand	cu.m	0.08	1,308.40	107.94
	f. Gravel	cu.m	0.15	1,358.40	203.76
	g. Cement	bag	1.43	278.84	398.75
	h. Concrete Saw	pc	0.00	8,000.00	1.20
	i. Pipe Sleeve	m	0.01	133.00	1.04
	j. Grease/Tar	ltr	0.00	21.00	0.03
	Sub-Total for F-1 As Submitted				764.92
	Materials				
F.2					
	Sub-Total for F-2 As Evaluated				-

G.1	Direct Unit Cost (E.1+F.1) - As Submitted		885.08
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	88.51
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	70.81
I.2	Contractor's Profit - As Evaluated	10%/8% of G.1	-
J.1	Value Added Tax - As Submitted	5% of (G.1+H1+I1)	52.22
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)	1,096.61
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

Ro Idening Junction Blanca - Molave - Josefina Ro
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Portland Cement Concrete Pavement
Unit of Measurement : 18,166.50 sq.m
Output per hour-As Submitted : 57.50
Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Construction Foreman	1	1.00	80.95	80.95
b. Skilled Laborer	4	1.00	58.61	234.44
c. Laborer	12	1.00	45.16	541.88
				-
				-
Sub-Total for A-1 As Submitted				857.26
Labor				
				-
				-
Sub-Total for A-2 As Evaluated				-
A.2				
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				-
F.1				
Materials				
a. Reinforcing Steel Bar	kg	0.50	40.00	20.00
b. Curing Compound	ltr	0.29	40.00	11.60
c. Asphalt Sealant	ltr	0.17	75.00	12.75
d. Steel Forms	m	0.46	40.00	18.40
e. Sand	cu.m	0.15	1,308.40	201.49
f. Gravel	cu.m	0.28	1,358.40	380.35
g. Cement	bag	2.66	278.84	741.73
h. Concrete Saw	pc	0.00	8,000.00	1.20
i. Pipe Sleeve	m	0.01	133.00	1.04
j. Grease/Tar	ltr	0.01	21.00	0.16
Sub-Total for F-1 As Submitted				1,388.72
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-

G.1	Direct Unit Cost (E.1+F.1) - As Submitted		1,613.01
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	161.30
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	129.04
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)	95.17
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)	1,998.53
K.2	Total Unit Cost - As Evaluated	(G.2+H2+I2+J1)	-

Prepared by:


JERALD R. BARRERA
Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
Engineer IV

Item No./Description : Const. of Field Office for the 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				
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 Miler	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	400,000.00	400,000.00
Sub-Total for F-1 As Submitted				400,000.00
Equipment				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				456,283.30
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted		12%/9%/7%/6% of G.1		45,628.33
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated		12%/9%/7%/6% of G.1		-
I.1				
Contractor's Profit - As Submitted		10%/8% of G.1		36,502.66
I.2				
Contractor's Profit - As Evaluated		10%/8% of G.1		-
J.1				
Value Added Tax - As Submitted		5% of (G.1+H1+I1)		26,920.71
J.2				
Value Added Tax - As Evaluated		5% of (G.2+H2+I2)		-
K.1				
Total Unit Cost - As Submitted		(G.1+H1+I1+J1)		565,335.01
K.2				
Total Unit Cost - As Evaluated		(G.2+H2+I2+J2)		-

Prepared by:


JERALD R. BARRERA
Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
Engineer IV

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				
Equipment	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Sub-Total for B-1 As Submitted				-
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
Total (A.1+B.1) - As Submitted				-
C.1				-
Total (A.2+B.2) - As Evaluated				-
D.1				1.00
Output per Hour - As Evaluated				
D.2				
Direct Unit Cost (C.1 + D.1) - As Submitted				-
E.1				
Direct Unit Cost (C.2 + D.2) - As Evaluated				
E.2				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
a. Office Equipment/Facilities & Supplies	lumpsum	1	316,144.06	316,144.06
Sub-Total for F-1 As Submitted				316,144.06
Equipment				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1 + F.1) - As Submitted				316,144.06
G.2				
Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	-
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	-
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	15,807.20
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)	331,951.26
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

Checked/Reviewed

JERALD R. BARRERA
JERALD R. BARRERA

Engineer II

ISIDRA A. ESTANISLAO
ISIDRA A. ESTANISLAO

Engineer IV

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


Unit of Measurement : 1.00 Is

Output per hour-As Submitted : 1.00

Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Service Driver	1	1008	58.61	59,077.62
Sub-Total for A-1 As Submitted				59,077.62
Labor				
A.2				
Sub-Total for A-2 As Evaluated				-
B.1				
Equipment	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Sub-Total for B-1 As Submitted				-
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				-
C.1				
Total (A.1+B.1) - As Submitted				59,077.62
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				59,077.62
E.2				
Direct Unit Cost (C.2 + D.2) - As Evaluated				-
F.1				
Materials	Unit	Quantity	Unit Cost	Amount (Php.)
a. Diesel Fuel	ltrs	2,700.00	50.00	135,000.00
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				305,000.00
Equipment				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				364,077.62
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted		12%/9%/7%/6% of G.1		-
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated		12%/9%/7%/6% of G.1		-
I.1				
Contractor's Profit - As Submitted		10%/8% of G.1		-
I.2				
Contractor's Profit - As Evaluated		10%/8% of G.1		-
J.1				
Value Added Tax - As Submitted		5% of (G.1+H1+I1)		18,203.88
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)		382,281.50
K.2				
Total Unit Cost - As Evaluated		(G.2+H2+I2+J1)		-

Prepared by:


JERALD R. BARRERA

Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO

Engineer IV

R Midening Junction Blanca - Molave - Josefina R
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Construction Survey and Staking
Unit of Measurement : 2.71 km
Output per hour-As Submitted : 0.20
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				0.20
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 +D.1) - As Submitted				145,720.74
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				161,470.74
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	16,147.07
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	12,917.66
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	9,526.77
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)	200,062.25
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

R Mdening Junction Blanca - Molave - Josefina R
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 : 8.00
Output per hour-As Evaluated : -

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
A.1				
a. Construction Foreman	1	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
C.2				-
D.1				8.00
D.2				-
E.1				36.06
E.2				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
a. Marine Plywood, 3/6" thk x 4' x 8'	pcs	4.00	790.00	3,160.00
b. Tarpauling (4" x 8")	pcs	4.00	800.00	3,200.00
c. Assorted Lumber Sizes	bd.ft	200.00	37.00	318.00
d. Assorted Sizes CWN Nails	kg	4.00	78.00	175.00
Sub-Total for F-1 As Submitted				6,678.00
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				6,714.06
G.2				-
H.1			12%/9%/7%/6% of G.1	671.41
H.2			12%/9%/7%/6% of G.1	-
I.1			10%/8% of G.1	537.12
I.2			10%/8% of G.1	-
J.1			5% of (G.1+H1+I1)	396.13
J.2			5% of (G.2+H2+I2)	-
K.1			(G.1+H1+I1+J1)	8,318.72
K.2			(G.2+H2+I2+J1)	-

Prepared by:

Checked/Reviewed

JERALD R. BARRERA

Engineer II

ISIDRA A. ESTANISLAO

Engineer IV

R Midening Junction Blanca - Molave - Josefina R
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	504	80.95	40,799.43
b. First Aider	2	1008	74.14	149,458.68
A.1				
Sub-Total for A-1 As Submitted				190,258.11
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				
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				190,258.11
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				190,258.11
E.2				
Direct Unit Cost (C.2 + D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
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	498.00
Sub-Total for F-1 As Submitted				10,458.00
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				200,716.11
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	-
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	16,057.29
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)	10,838.67
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)	227,612.07
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

R Midening Junction Blanca - Molave - Josefina R
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				-
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
B.1				
Equipment				
a. Low Bed Trailer	3	56	4,255.38	714,903.00
Sub-Total for B-1 As Submitted				714,903.00
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				714,903.00
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				714,903.00
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				714,903.00
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	-
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	-
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	35,745.15
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)	750,648.15
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:


JERALD R. BARRERA

Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO

Engineer IV

Item No./Description	Removal of Actual Structures/Obstructions
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. Construction Foreman	1	40.00	80.95	3,238.05
A.1	b. Laborer	2	40.00	45.16	3,612.50
	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.)
	Equipment				
B.1	a. Backhoe w/Breaker	1	20.00	1,996.10	39,962.00
	b. Backhoe	1	20.00	1,537.00	30,740.00
	c. Dumptruck	1	40.00	1,420.00	56,800.00
	Sub-Total for B-1 As Submitted				127,502.00
	Equipment				
B.2					
	Sub-Total for B-2 As Evaluated				
C.1	Total (A.1+B.1) - As Submitted				134,352.55
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				134,352.55
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				134,352.55
G.2	Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	-
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1	Contractor's Profit - As Submitted			10%/8% of G.1	-
I.2	Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1	Value Added Tax - As Submitted			5% of (G.1+H1+I1)	6,717.63
J.2	Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1	Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	141,070.18
K.2	Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Engineer IV

Reinforcing Junction Blanca - Molave - Josefina Ro
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

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

Unit of Measurement : 486.50 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
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. Bar Cutter	1	0.50	219.50	109.75
	b. Bar Bender	1	0.50	351.50	175.75
	c. Cargo Truck	1	0.15	1,212.00	181.80
	Sub-Total for B-1 As Submitted				467.30
	Equipment				
B.2					
	Sub-Total for B-2 As Evaluated				
C.1	Total (A.1+B.1) - As Submitted				1,026.72
C.2	Total (A.2+B.2) - As Evaluated				-
D.1	Output per Hour - As Submitted				180.00
D.2	Output per Hour - As Evaluated				-
E.1	Direct Unit Cost (C.1 + D.1) - As Submitted				5.70
E.2	Direct Unit Cost (C.2 + D.2) - As Evaluated				-
	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
	Materials				
	a. Tie Wire	kg	0.02	80.00	1.68
F.1	b. Reinforcing Steel Bar, Grade 40	kg	1.05	40.00	42.00
	Sub-Total for F-1 As Submitted				43.68
	Materials				
F.2					
	Sub-Total for F-2 As Evaluated				-
G.1	Direct Unit Cost (E.1+F.1) - As Submitted				49.38
G.2	Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	4.94
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1	Contractor's Profit - As Submitted			10%/8% of G.1	3.95
I.2	Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1	Value Added Tax - As Submitted			5% of (G.1+H1+I1)	2.91
J.2	Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1	Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	61.19
K.2	Total Unit Cost - As Evaluated			(G.2+H2+I2+J2)	-

Prepared by:


JERALD R. BARRERA
Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
Engineer IV

Re widening Junction Blanca - Molave - Josefina R
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Reinforcing Steel (Grade 60)
Unit of Measurement : 2,820.50 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 (P/p.)
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 (P/p.)
Equipment				
a. Bar Cutter	1	0.50	219.50	109.75
b. Bar Bender	1	0.50	351.50	175.75
c. Cargo Truck	1	0.15	1,212.00	181.80
Sub-Total for B-1 As Submitted				467.30
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				1,026.72
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				180.00
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				5.70
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (P/p.)
Materials				
a. Tie Wire	kg	0.02	80.00	1.68
b. Reinforcing Steel Bar, Grade 60	kg	1.05	42.00	44.10
F.1				
Sub-Total for F-1 As Submitted				45.78
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				51.48
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	5.15
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	4.12
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)	3.04
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)	63.79
K.2				
Total Unit Cost - As Evaluated			(G.2+H.2+I.2+J.2)	-

Prepared by:


JERALD R. BARRERA

Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO

Engineer IV

Revisión y Aprobación
Identifying Junction Blanca - Molave - Josefina R. Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Structural Concrete, Class A
 Unit of Measurement : 41.50 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				
				-
Sub-Total for A-2 As Evaluated				-
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. One Bagger Mixer	1	1.00	172.00	172.00
b. Concrete Vibrator	1	1.00	91.25	91.25
c. Water Truck/Pump	1	0.10	2,450.00	245.00
Minor Tools (5% of Labor Cost)				63.62
Sub-Total for B-1 As Submitted				571.87
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				1,844.19
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.40
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 +D.1) - As Submitted				1,317.28
E.2				
Direct Unit Cost (C.2 +D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Lumber, Good	bd.ft	17.50	37.00	647.50
b. Marine Plywood	pc	0.40	790.00	316.00
c. Assorted CWN	kg	0.70	78.00	54.60
d. Cement	bag	9.50	278.84	2,649.02
e. Sand	cu.m	0.50	1,308.40	654.20
f. Gravel	cu.m	1.00	1,358.40	1,358.40
Sub-Total for F-1 As Submitted				5,679.72
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				6,997.00
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			12%/9%/7%/6% of G.1	699.70
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	559.76
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)	412.82
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)	8,669.28
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

Checked/Reviewed

Jerald R. Barrera
JERALD R. BARRERA
 Engineer II

Isidra A. Estanislao
ISIDRA A. ESTANISLAO
 Engineer IV

Re Videning Junction Blanca - Molave - Josefina R
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Reinforced Concrete Culverts Pipe, 910 mm dia
Unit of Measurement : 50.00 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.1				
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				
B.1				
a. Backhoe	1	0.29	1,537.00	445.73
b. Plate Compactor	1	0.29	123.00	35.67
Minor Tools (10% of Labor Cost)				37.88
Sub-Total for B-1 As Submitted				519.28
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				898.07
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.00
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				898.07
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
F.1				
a. Portland Cement	bag	1.08	278.84	301.15
b. Sand	cu.m	0.06	1,308.40	79.81
c. KC Pipes (910 mm dia.)	pc	1.00	1,817.00	1,817.00
d. Sand Bedding/Selected Sandy Soil	cu.m	0.13	1,308.40	167.48
Sub-Total for F-1 As Submitted				2,365.44
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				3,263.51
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	326.35
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	261.08
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)	192.55
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)	4,043.49
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

Rc Vidinging Junction Blanca - Molave - Josefina R Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Grouted Riprap, Class A
 Unit of Measurement : 70.50 cu.m
 Output per hour-As Submitted : 1.25
 Output per hour-As Evaluated : -

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Construction Foreman	1	1.00	80.95	80.95
b. Skilled Laborer	2	1.00	58.61	117.22
c. Laborer	8	1.00	45.16	361.25
Sub-Total for A-1 As Submitted				559.42
Labor				
A.2				
Sub-Total for A-2 As Evaluated				-
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. One Bagger Mixer	1	1.00	172.00	172.00
b. Water Truck/Pump	1	0.05	2,450.00	122.50
Minor Tools (10% of Labor Cost)				55.94
Sub-Total for B-1 As Submitted				350.44
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				909.86
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.25
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 + D.1) - As Submitted				727.89
E.2				
Direct Unit Cost (C.2 + D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Portland Cement	bag	2.50	278.84	697.11
b. Sand	cu.m	0.21	1,308.40	274.76
c. Gravel Fill	cu.m	0.02	1,358.40	20.38
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	1,563.40	1,641.57
Miscellaneous (1% of Materials Cost)				26.76
Sub-Total for F-1 As Submitted				2,702.88
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				3,430.77
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	343.08
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1				
Contractor's Profit - As Submitted			10%/8% of G.1	274.46
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)	202.42
J.2				
Value Added Tax - As Evaluated			5% of (G.2+H.2+I.2)	-
K.1				
Total Unit Cost - As Submitted			(G.1+H.1+I.1+J.1)	4,250.73
K.2				
Total Unit Cost - As Evaluated			(G.2+H.2+I.2+J.2)	-

Prepared by:

Jerald R. Barrera
JERALD R. BARRERA

Engineer II

Checked/Reviewed

Isidra A. Estanislao
ISIDRA A. ESTANISLAO

Engineer IV

Re widening Junction Blanca - Molave - Josefina R
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Stone Masonry
Unit of Measurement : 31.50 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				-
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
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	278.84	697.11
b. Sand	cu.m	0.21	1,308.40	274.76
c. Gravel Fill	cu.m	0.02	1,358.40	20.38
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	1,563.40	1,641.57
Miscellaneous (1% of Materials Cost)				26.76
Sub-Total for F-1 As Submitted				2,702.88
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				3,367.61
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		336.76
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		269.41
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)		198.69
J.2				
Value Added Tax - As Evaluated		5% of (G.2+H.2+I.2)		-
K.1				
Total Unit Cost - As Submitted				4,172.47
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

Jerald R. Barrera
JERALD R. BARRERA
Engineer II

Checked/Reviewed

Isidra A. Estanislao
ISIDRA A. ESTANISLAO
Engineer IV

Recediendo Junction Blanca - Molave - Josefina Recio
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Trees (Furnishing & Transplanting)

Unit of Measurement : 223.00 each

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	2.00	80.95	161.90
b. Skilled Laborer	1	2.00	58.61	117.22
c. Laborer	2	2.00	45.16	180.63
Sub-Total for A-1 As Submitted				459.75
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	1	2.00	1,212.00	2,424.00
b. Backhoe	1	2.00	1,537.00	3,074.00
c. Water Truck	1	1.00	2,450.00	2,450.00
Minor Tools (10% of Labor Cost)				45.97
Sub-Total for B-1 As Submitted				7,993.97
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				8,453.72
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				8,453.72
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	1.00	278.84	278.84
b. Fine Aggregates	cu.m	0.25	1,308.40	327.10
c. Course Aggregates	cu.m	0.25	1,358.40	339.60
d. Informative Signs	set	2.00	3,000.00	6,000.00
e. Highway Traffic Sign post	each	2.00	3,355.00	6,710.00
Sub-Total for F-1 As Submitted				13,655.54
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				22,109.26
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	2,210.93
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	1,768.74
I.2				
Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1				
Value Added Tax - As Submitted			5% of (G.1+H1+I1)	1,304.45
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)	27,393.38
K.2				
Total Unit Cost - As Evaluated			(G.2+H2+I2+J1)	-

Prepared by:

JERALD R. BARREIRA
JERALD R. BARREIRA

Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO
ISIDRA A. ESTANISLAO

Engineer IV

Re Widening Junction Blanca - Molave - Josefina R
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Reflectorized Thermoplastic Pavement Markings White
Unit of Measurement : 812.00 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.1				
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				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				25.00
D.2				
Output per Hour - As Evaluated				-
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				80.37
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Thermoplastic Paint (white)	bag	0.33	1,585.00	515.13
b. Glass Beads	bag	0.03	2,500.00	82.50
c. Primer	ltr	0.12	180.00	21.60
d. LPG (50kg)	cyl	0.00	90.00	0.36
e. LPG (12 kg)	cyl	0.00	50.00	0.10
f. Calsurnine	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				906.57
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:


JERALD R. BARERRA
Engineer II

Checked/Reviewed


ISIDRA A. ESTANISLAO
Engineer IV


Revised Widening Junction Blanca - Molave - Josefina R. Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Coconet Bio-Engineering Solutions (Coconet)
 Unit of Measurement : 17,224.00 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. Laborer	8	1.00	45.16	361.25
Sub-Total for A-1 As Submitted				442.20
Labor				
Sub-Total for A-2 As Evaluated				-
A.2				
Sub-Total for A-2 As Evaluated				-
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. Water Truck/Pump	1	0.25	2,450.00	612.50
Minor Tools (10% of Labor Cost)				44.22
Sub-Total for B-1 As Submitted				656.72
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				1,098.92
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				21.98
E.2 Direct Unit Cost (C.2 + D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Erosion Control Net CGN 700	sq.m	1.05	335.00	351.75
F.1				
Sub-Total for F-1 As Submitted				351.75
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				373.73
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		37.37
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		29.90
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)		22.05
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)		463.05
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

Re Widening Junction Blanca - Molave - Josefina R
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Coconet Bio-Engineering Solutions (Coconet)
Unit of Measurement : 2,238.00 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
A.1 b. Laborer	8	1.00	45.16	361.25
Sub-Total for A-1 As Submitted				442.20
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. Water Truck/Pump	1	0.25	2,450.00	612.50
Minor Tools (10% of Labor Cost)				44.22
Sub-Total for B-1 As Submitted				656.72
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				1,098.92
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				21.98
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Erosion Control Net CGN 400	sq.m	1.05	141.00	148.05
F.1				
Sub-Total for F-1 As Submitted				148.05
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				170.03
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	17.00
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	13.60
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)	10.03
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)	210.67
K.2 Total Unit Cost - As Evaluated			(G.2+H.2+I.2+J.2)	-

Prepared by:

JERALD R. BARRERA
JERALD R. BARRERA

Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO
ISIDRA A. ESTANISLAO

Engineer IV

Revised Viding Junction Blanca - Molave - Josefina R
Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Coconet Bio-Engineering Solutions (Cocologs/Fascine)
Unit of Measurement : 3,279.62 ln.m
Output per hour-As Submitted : 15.00
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	8	1.00	45.16	361.25
Sub-Total for A-1 As Submitted				442.20
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				
Minor Tools (10% of Labor Cost)				44.22
Sub-Total for B-1 As Submitted				44.22
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				486.42
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				15.00
D.2 Output per Hour - As Evaluated				-
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				32.43
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Coco Fiber Roll (CGR 200)	m	1.05	556.00	-
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				32.43
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	3.24
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			12%/9%/7%/6% of G.1	-
I.1 Contractor's Profit - As Submitted			10%/8% of G.1	2.59
I.2 Contractor's Profit - As Evaluated			10%/8% of G.1	-
J.1 Value Added Tax - As Submitted			5% of (G.1+H1+I1)	1.91
J.2 Value Added Tax - As Evaluated			5% of (G.2+H2+I2)	-
K.1 Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	40.18
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


Re Identing Junction Blanca - Molave - Josefina R. Zamboanga del Sur
DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Coconet Bio-Engineering Solutions (Vegetation)
 Unit of Measurement : 19,462.00 sq.m
 Output per hour-As Submitted : 62.50
 Output per hour-As Evaluated : -

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Construction Foreman	1	1.00	80.95	80.95
b. 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. Hydroseeding Machine	1	1.00	952.00	952.00
b. Water Truck/Pump	1	1.00	2,450.00	2,450.00
Sub-Total for B-1 As Submitted				3,402.00
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				3,573.26
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				62.50
D.2 Output per Hour - As Evaluated				-
E.1 Direct Unit Cost (C.1 +D.1) - As Submitted				57.17
E.2 Direct Unit Cost (C.2 +D.2) - As Evaluated				-
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Grass Cover	sq.m	1.05	102.00	107.10
F.1				
Sub-Total for F-1 As Submitted				107.10
Materials				
F.2				
Sub-Total for F-2 As Evaluated				-
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				164.27
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted		12%/9%/7%/6% of G.1		16.43
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		13.14
I.2 Contractor's Profit - As Evaluated		10%/8% of G.1		-
J.1 Value Added Tax - As Submitted		5% of (G.1+H1+I1)		9.69
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)		203.53
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

UNIT COST ANALYSIS FOR HAULING COST FOR ALL AGGREGATES

Hauling Cost from the District Office to Site

Item No : ALL AGGREGATES
Quantity : 1,000.00

Terrain : Flat to Rolling
Unit : cu.m.
Hauling Distance : 5.00 km.
Effective Working Hours : 8.00 hrs.

Hauling : Using 10.00 cu.m. capacity Dumptruck
Weight of Dumptruck (cap. 10.00 cu.m.) : 16,000.00 kgs
Unit Weight of Fine Aggregates : 1,640.00 kg/cu.m.
Unit Weight of Course Aggregates : 1,534.00 kg/cu.m.

Maximum Volume to be Carried per DT : 11.57 cu.m.

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

Speed when loaded : 30.00 kph
Speed when unloaded : 40.00 kph

$$\text{Loaded Running} = \frac{5.00 \times 60.00}{30.00} = 10 \text{ mins.}$$

$$\text{Unloaded Running} = \frac{5.00 \times 60.00}{40.00} = 7.5 \text{ mins.}$$

Loading & Unloading = 5.00 mins.
Capacity of Dumptruck = 10.00 cu.m.
Total Cycle Time = 22.50 mins.

$$\text{No. of trips for Dumptruck per day} = \frac{8.00 \times 60.00}{22.50} = 21.33 \text{ trips}$$

Dumptruck Daily Output = 10.00 X 21.33 = 213.33 cu.m.
Using 4 Dumptruck = 213.33 X 4.00 = 853.33 cu.m.

$$\text{No. of Days for Dumptruck} = \frac{1,000.00}{853.33} = 1.17 \text{ days}$$

EQUIPMENT USED: (2009 ACCEL RATES)

4.00 - Unit Dumptruck @ P 10,816.00 / day X 1.17 days = P 50,700.00
Sub-Total P 50,700.00

Estimated Quantity = 1,000.00 cu.m.
Unit Cost P 10.14 /cu.m/km. (unit cost hauling per cu.m. per km.)

Grand Total P 50,700.00
Equipment P 50,700.00
Labor P
Equipment P

ZAMBOANGA DEL SUR 1st DEO (using 3rd Quarter 2018)

	Hauling Distance	Unit Cost per cu.m/km	Hauling Cost per km.	Unit Price	Unit cost per cu.m.
Cost of Fine Aggregates	60.00 X	10.14	= 608.40	+ 700.00	= 1,308.40
Cost of Coarse Aggregates	60.00 X	10.14	= 608.40	+ 750.00	= 1,358.40
Cost of Item 200 Materials	60.00 X	10.14	= 608.40	+ 600.00	= 1,208.40
Cost of Item 201 Materials	60.00 X	10.14	= 608.40	+ 630.00	= 1,238.40
Cost of Item 300 Materials	60.00 X	10.14	= 608.40	+ 700.00	= 1,308.40
Cost of Boulders	60.00 X	10.14	= 608.40	+ 955.00	= 1,563.40
Cost of Embankment, Common Borrow	10.00 X	10.14	= 101.40	+ 285.00	= 386.40
Cost of Embankment, Selected Borrow	10.00 X	10.14	= 101.40	+ 320.00	= 421.40

UNIT COST DERIVATION FOR PORTLAND CEMENT

TOTAL QUANTITY REQUIREMENTS FOR PORTLAND CEMENT

Description	Quantity (Bags)
Portland Cement Concrete Pavement	11,610.17
Portland Cement Concrete Pavement	48,322.89
Structural Concrete, Class A	394.25
Lean Concrete for RCBC	-
Reinforced Concrete Culverts Pipe, 910 mm dia	54.00
Reinforced Concrete Culverts Pipe, 610 mm dia	-
Grouted Riprap, Class A	176.25
Stone Masonry	78.75
Manhole	4.00
Concrete Cover	-
Concrete Curb & Gutter	-
Reinforced Pavement Studs Raised Profile Type	-
Trees (Furnishing & Transplanting)	-
Concrete Structure (Lean Concrete)	-
TOTAL	60,640.31

Quantity = 60,640.31 Bags

Delivery Charge = P 0.12 /bag/km

SITE	HAULING DISTANCE
Zamboanga del Sur 1st DEO	
PROJECT SITE	65.00

* Average Hauling Distance from source to assumed stockpiling area:
say 65.00 km.

Delivery Charge = P 0.12 X 65.00
Delivery Charge = P 7.80 /bag

* Delivery Truck : 60,640.31 bags (hauling works)
20,000.00 kgs., (capacity per haul)
500.00 bags, (capacity per haul)

* Capacity of Laborers unloading bags of Cement from Delivery Truck:
Assume 10 laborers can unload 500.00 bags of Cement
*Dumpruck (10 Wheeler) days computation : **TIME - MOTION ANALYSIS**
Speed when loaded : 30.00 kph
Speed when unloaded : 40.00 kph

Loaded Running = $\frac{65.00 \times 60.00}{30.00}$ = 130 mins.

Unloading Running = $\frac{65.00 \times 60.00}{40.00}$ = 97.5 mins.

Loading & Unloading = 45.00 mins.

Capacity of Dumpruck = 8.00 cu.m.

500.00 bags

Total Cycle Time = 272.50 mins.

$$\text{No. of trips for Dumptruck per day} = \frac{8.00 \times 60.00}{272.50} = 1.76 \text{ trips}$$

$$\begin{array}{lcl} \text{Dumptruck Daily Output} & = & 500.00 \times 1.76 = 880.73 \text{ cu.m.} \\ \text{Using 4 Dumptruck} & = & 880.73 \times 4.00 = 3,522.94 \text{ cu.m.} \end{array}$$

$$\text{No. of Days for Dumptruck} = \frac{60,640.31}{3,522.94} = 17.21 \text{ days}$$

$$\text{No. of Days for Labor for unloading} = \text{complimentary to D.Truck days} = 17.21 \text{ days}$$

DELIVERY COST:

$$60,640.31 \text{ Bags, Portland Cement} @ \text{ P } 7.80 \text{ /bag} = \text{ P } \underline{472,994.42}$$

Sub-total **472,994.42**

LABOR:

$$\begin{array}{lcl} 1 \text{ Foreman} & @ \text{ P } 558.00 \text{ /day} & \times 17.21 \text{ days} = \text{ P } 9,604.86 \\ 10 \text{ Laborers} & @ \text{ P } 312.24 \text{ /day} & \times 17.21 \text{ days} = \text{ P } 53,745.89 \\ \text{Sub-total} & & \underline{63,350.74} \end{array}$$

MATERIALS:

$$60,640.31 \text{ Bags, Portland Cement} @ \text{ P } 270.00 \text{ /bag} = \text{ P } \underline{16,372,883.70}$$

Sub-total **16,372,883.70**

Estimated Quantity : 60,640.31 Bags

Unit Cost	P	278.84
Grand Total	P	16,909,228.86
Delivery Cost	P	472,994.42
Labor	P	63,350.74
Materials	P	16,372,883.70